

SELECTION PANEL - Letters of Support

Field	Name	Affiliation	Country
PV Ri G CSP Hydrogen H D Ai D Ja D D Bi	Stephan Abermann	AIT	AT
	Delfina Muñoz	CEA INES	FR
PV	Rune Sondena	IFE	NO
	Gianluca Coletti	TNO	NL
	Lourdes García	University of Sevilla	ES
66 D	Daphne Hermosilla	Universidad Politécnica de Madrid	ES
CSP	Ana García	University of Basque Country	ES
	Michael Epstein	Tel-Aviv University	IL
	Harry Hoster	ZBT, Uni Duisburg Essen	DE
	Jakub Kupetzki	Institute of Power Engineering	PL
	Jasna Jankovic	AITCEA INESIFETNOUniversity of SevillaUniversidad Politécnica de MadridUniversity of Basque CountryTel-Aviv UniversityZBT, Uni Duisburg EssenInstitute of Power EngineeringUniversity of ConnecticutUniversity of Cape TownNorth-West University	USA
Hydrogen	Darija Susac		ZA
	Dmitri Bessarabov	North-West University	ZA
	Bruno Pollet	University of Quebec of Trois-Rivières	CAN
	Joakim Lundgren	LTU	SE
Biofuels	Loes Knotter	Platform Hernieuwbare Brandstoffen	NL
	David Chiaramonti	Polito	IT
	Rebecca Groen	SHV Energy	NL
	Johanna Mossberg	RISE	SE
	Jake Badger	AITCEA INESIFETNOUniversity of SevillaUniversidad Politécnica de MadridUniversity of Basque CountryTel-Aviv UniversityZBT, Uni Duisburg EssenInstitute of Power EngineeringUniversity of Cape TownNorth-West UniversityUniversity of Quebec of Trois-RivièresLTUPlatform Hernieuwbare BrandstoffenPolitoSHV EnergyRISEDTUDTUDTUFraunhofer IWESDTUSiemens Gamesa Renewable EnergyEuropean Marine Energy Test SiteUniversity of EdinburghIfremerCNR-INMUniversity of StrathclydeIFREMERTecnalia	DK
	Gregor Giebel		DK
	Anthony Fraisse		DK
Offshore Wind	Arne Bartschat		DE
	Asger Bech Abrahamsen	DTU	СК
	Ane Kold Di Gennaro	Siemens Gamesa Renewable Energy	
	Mattew Finn	European Marine Energy Test Site	UK
	Vicky Strategaki	CEA INESIFETNOUniversity of SevillaUniversity of Basque CountryTel-Aviv UniversityZBT, Uni Duisburg EssenInstitute of Power EngineeringUniversity of Cape TownNorth-West UniversityUniversity of Quebec of Trois-RivièresLTUPlatform Hernieuwbare BrandstoffenPolitoSHV EnergyRISEDTUDTUDTUFraunhofer IWESDTUSiemens Gamesa Renewable EnergyEuropean Marine Energy Test SiteUniversity of EdinburghIfremerCNR-INMUniversity of StrathclydeIFREMERTecnalia	BE
	Conchur O'Bradaigh	University of Edinburgh	UK
	Christophe Maisondieu	Ifremer	FR
0	Francesco Salvatore	CNR-INM	IT
Ocean Energy	Stefan Schimmels	Ifremer CNR-INM	DE
	Cameron Johnstone	University of Strathclyde	UK
	Grégory Germain	IFREMER	FR
	Pablo Benguria Uribe	Tecnalia	ES
	Michael O'Shea	University College Cork	IE



Integrated Grids	Anna Kulmala	ABB	FI
	Davood Babazadeh	TU Hamburg	DE
	Erik de Jong	КЕМА	NL
	Gunter Arnold	Fraunhofer IEE	DE
	Emilio Rodriguez	Tecnalia	ES
	Sebastian Rohjans	Jade University	DE
	Ulf Häger	TU Dortmund	DE
	Yvon Besanger	G2Elab	FR
	Sigmund Kielland	IFE	NO
Energy Storage	Elie Paillard	Poli Milano	IT
	Antti Kosonen	Lapperante University	FI
	Alenka Ristic	NIK	SI
	Giovanna Cavazzini	University of Padova	IT
	Yulong Ding	University of Birmingham	UK
	Antonio Morandi	University of Bologna	IT
	Francesco Laviano	Politechnico de Torino	IT
	Marco Ferraro	CNR	IT
	Margherita Moreno	ENEA	IT
	Linda Barelli	University of Perugia	IT
	Luisa Cabeza	University of Lleida	ES
	Daniel Lager	AIT	AT
	Salavtore Vasta	CNR	IT
	Yolanda Lechon	CIEMAT	ES
	Maeve Duffy	anda Lechon CIEMAT eve Duffy NUIG astian Bader MIUN	IE
	Sebastian Bader		SE
ICT enabling	Cristina Rusu	RISE	SE
	Orazio Aiello	Univ. Genoa	IT
	Emmanuel Kymakis	НМИ	GR
	Konstantinos Rogdakis	НМИ	GR
	Gerd vom Boegel	Fraunhofer-IMS	DE
	Peter Spies	Fraunhofer-IIS	DE
	Nicolas Cordero	UCC (Tyndall)	IE
Materials	Marcello Baricco	Univ. Torino	IT
	EYMERY Joel	CEA-Grenoble	FR

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Ljubljana, 27 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Alenka Ristić hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr. Alenka Ristić as energy expert in the field of thermal energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Dr. Alenka Ristić

Aleutro liste

Senior Researcher, National Institute of Chemistry Slovenia

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Potchefstroom, 27 Feb 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof Dmitri Bessarabov hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of Technology (*KIT*) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Prof Dmitri Bessarabov as energy expert in the field of hydrogen energy, more specifically, water electrolysis, fuel cells and hydrogen storage will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

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Prof Dmitri Bessarabov, Director: HySA, North-West University, South Africa

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Bad Honnef, 24 Feb. 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Professor Harry Hoster hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Professor Harry Hoster as energy expert in the field of hydrogen energy and battery systems, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

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Professor Harry Hoster Scientific Director at the Hydrogen and Fuell Cell Center ZBT, Duisburg

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Warsaw, Poland, 23/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

I, Jakub Kupecki, hereby express my active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, as energy expert in the field of hydrogen technologies and renewable energy, I will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

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Prof. Jakub Kupecki Director of the Institute of Power Engineering

jakub.kupecki@ien.com.pl, +48 501 495 321 Mory 8, 01-330 Warsaw, Poland

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Storrs, CT (USA), 24 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Jasna Jankovic hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Dr. Jasna Jankovic as energy expert in the field of hydrogen technology and energy generation, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Jachon 2

Jasna Jankovic, Ph.D., Professor Materials Science and Engineering Department University of Connecticut, USA

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Trois-Rivières, 24th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Professor Dr. Bruno G. POLLET hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Professor Dr. Bruno G. POLLET as energy expert in the field of Hydrogen energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Prof. Bruno G. Pollet

Director of the UQTR Institute for Hydrogen Research (IHR) & Director of the Green Hydrogen Lab (GH2Lab) University of Quebec of Trois-Rivières (UQTR), Canada

President of the Green Hydrogen Division of the International Association for Hydrogen Energy (IAHE), USA

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Cape Town, 27/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms. Darija Susac hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Ms. Susac as energy expert in the field of hydrogen energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Sisa Danjo

Dr Darija Susac

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Research and Technology Development Manager

For Fuel Cells and Electrolysers

Key Programme Manager

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Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Heraklion, 10 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Konstantinos Rogdakis hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr Konstantinos Rogdakis as energy expert in the field of emerging PV technologies and smart IoT metering, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

- KR-

Dr Konstantinos Rogdakis

Senior Researcher at the Hellenic Mediterranean University

Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Heraklion, 10th of February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Emmanuel Kymakis hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Prof. Emmanuel Kymakis as energy expert in the field of photovoltaics energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Prof. Emmanuel Kymakis

Department of Electrical & Computer Engineering Hellenic Mediterranean University



Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Galway, 14/02/23

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Maeve Duffy hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr. Maeve Duffy as energy expert in the cross cutting field of power electronics, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Maeve Duffy

Dr. Maeve Duffy, Senior Lecturer, School of Engineering, University of Galway, IRELAND



Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Genoa, 02/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Orazio Aiello hereby expresses his active support to the proposal '*RISEnergy*' led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr. Orazio Aiello as an energy expert in the field of ICT enabling specifically IC based power management solutions for wireless IoT devices, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

groc. hello

Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Sundsvall, 01-02-2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Sebastian Bader hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Sebastian Bader as expert in the field of cross cutting ICT enabling energy sources, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Sebastian Bader, Associate Professor Mid Sweden University, Holmgatan 10, 85170 Sundsvall, Sweden <u>sebastian.bader@miun.se</u> / +46 10 1428095



Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Gothenburg, 24th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Associate Professor Cristina Rusu hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Associate Professor Cristina Rusu as energy expert in the field of energy, of cross cutting ICT enabling technologies (powering wireless sensors), will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Chusu

Cristina Rusu Associate Professor, Senior Expert Microsystems RISE Research Institutes of Sweden, Digital Systems division, Smart Hardware dept., M: +46 709 1518 26, cristina.rusu@ri.se

Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Nuremberg, 10 Feb. 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Peter Spies hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Peter Spies as energy expert in the field of energy harvesting and micropower management will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Dr. Peter Spies, Group Manager Integrated Energy Supplies, Fraunhofer Institute for Integrated Circuits IIS

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Duisburg, 10. Feb. 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Gerd vom Bögel hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Gerd vom Bögel as energy expert in the field of energy harvesting and grid management, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Dr. Gerd vom Bögel, Head of department Business Unit Industry

Fraunhofer Institute for Microelectronic Circuits and Systems IMS

Karlsruhe Institute of Technology (KIT), Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Boulogne-sur-mer, 09 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr G. Germain hereby expresses his active support to the proposal '*RISEnergy*' led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr G. Germain as energy expert in the field of ocean energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

abana

Grégory GERMAIN, IFREMER, France

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Kirkwall, Orkney, Scotland, 24th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Finn hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology* (*KIT*) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms. Mediavilla as energy expert in the field of marine energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Matthew Finn

Matthew Finn, Commercial Director and The European Marine Energy Centre

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



[Cork], [27] [February] [2023]

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr Michael O'Shea hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr Michael O'Shea as energy expert in the field of Ocean energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Michael O'Shea, Lecturer, University College Cork



Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



[Derio], [23] [February] [2023]

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr.Pablo Benguria hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr.Pablo Benguria as energy expert in the field of ocean energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Pablo Benguria, HarshLab Manager, Tecnalia Research & Innovation

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Hannover, 24.02.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Stefan Schimmels hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Schimmels as energy expert in the field of offshore wind and ocean energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Stefan Schimmels, Operations Manager FZK

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Ghent, Belgium, 27 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the Selection Panel in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Vicky Stratigaki hereby expresses her active support to the proposal 'RISEnergy' led by Karlsruhe Institute of Technology (KIT) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main objectives of RISEnergy is to reach out to all stakeholders performing research along the value chain, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr. Vicky Stratigaki as energy expert in the field of ocean energy, will participate as a member of the project's Selection Panel and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely, Signature

Dr. Vicky Stratigaki, Senior Researcher - Ghent University – Ghent - Belgium

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Brest, 23rd February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Christophe Maisondieu hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Christophe Maisondieu as energy expert in the field of ocean energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Christophe Maisondieu, Head of the Marine Hydrodynamics Laboratory, IFREMER

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Glasgow, 23 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the Selection Panel in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Cameron Johnstone hereby expresses his active support to the proposal 'RISEnergy' led by Karlsruhe Institute of Technology (KIT) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr. Cameron Johnstone as energy expert in the field of Ocean energy, will participate as a member of the project's Selection Panel and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

ameron pluristere

Cameron Johnstone Director: Energy Systems Research Unit Department of Mechanical and Aerospace Engineering University of Strathclyde, Glasgow, G1 1XJ

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



February 28th 2023

School of Engineering, University of Edinburgh Sanderson Building, Robert Stevenson Road Edinburgh EH9 3FB Scotland United Kingdom

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Conchúr Ó Brádaigh hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



With reference to this proposal, Prof. Conchúr Ó Brádaigh as energy expert in the field of tidal energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Carchine & Bradaug'

Prof. Conchúr Ó Brádaigh Head of the School of Engineering Chair of Materials Engineering The University of Edinburgh

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Rome, the 24th of February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Francesco SALVATORE hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities, and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr. Francesco SALVATORE as energy expert in the field of **ocean energy**, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Fruore John 24

Francesco Salvatore, PhD, Senior Researcher Institute of Marine Engineering of the Italian National Research Council (CNR-INM)

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Petten, Ferbuary 27th, 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Gianluca Coletti hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Dr. Gianluca Coletti as energy expert in the field of Photovoltaic energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Groulus Colett

Gianluca Coletti, program manager TNO and Adjunct Professor UNSW



RISEnergy consortium Karlsruhe Institute of Technology (KIT) Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 76344 Eggenstein-Leopoldshafen Germany

Rune Søndenå

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Date: 2023-02-24

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Tore .

Dear RISEnergy consortium,

I, Dr. Rune Søndenå, hereby convey my support for the proposal "RISEenrgy" led by Karslruhe Institute of Technology (KIT) as well as my interest in becoming a member of the Selection Panel.

The European solar energy market has grown enormously over the last decade, and PV is widely recognized as essential to de-carbonize energy production. However, Europe is largely dependent on Chinese import. The "European Green Deal", REpowerEU, and Net-Zero-Industry-Act all aim to boost the European cleantech industries. The RISEnergy project will aid in the mobilization of the renewable energy industry through research and innovation. RISEnergy will provide easier access to research fascilities, increased international mobility, and closer integration throughout the value chains.

I have worked in the Solar Cell Technology department at IFE in Norway for over 15 years, focusing on crystalline silicon solar cells. The main focus has been on the material properties of silicon, such as defects, impurities, and degradation mechanisms, affecting the performance of the solar cells.

Best regards

San en

Rune Søndenå Research Scientist Solar Cell Technology Department IFE

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Vienna, 24th of February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Stephan Abermann hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of Technology (*KIT*) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Stephan Abermann as energy expert in the field of photovoltaics, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Stephan Abermann, Head of CU Energy Conversion & Hydrogen, AIT Austrian Institute of Technology

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Le Bourget du Lac, 21/02/23

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr Delfina Muñoz hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Delfina Muñoz as energy expert in the field of photovoltaic energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Delfina Muñoz

Strategic project manager, CEA INES

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Roskilde, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Gregor Giebel hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr. Gregor Giebel as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

125 Dr. Gregor Glebel

Head of Section 'Renewable Plants in Weather Driven Energy Systems' DTU Wind & Energy Systems Risø, Denmark

[Please send back to: sabine.mueller@kit.edu]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Roskilde, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Jake Badger hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr. Jake Badger as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Jake Badger Head of Section, Resource Assessment and Meteorology DTU Wind & Energy Systems Risø Campus, Denmark

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Hamburg, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Arne Bartschat hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Arne Bartschat as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Arne Bartschat, Group Manager Slewing Bearings, Fraunhofer Institute for Wind Energy Systems IWES

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Roskilde, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Ane Kold Di Gennaro hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mrs. Ane K. Di Gennaro as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Ane K. Di Gennaro Head of Materials Department Siemens Gamesa Renewable Energy Aalborg, Denmark

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Roskilde, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Anthony Fraisse hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Anthony Fraisse as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Anthony Fraisse Head of Section Composites Manufacturing and Testing DTU Wind & Energy Systems Risø, Denmark

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Roskilde, 3 March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Asger Abrahamsen hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Asger Bech Abrahamsen as energy expert in the field of wind energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Asger Bech Abrahamsen Senior Researcher DTU Wind & Energy Systems Technical University of Denmark, Frederiksborgvej 399, 4000 Roskilde, Denmark

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3/3-2023

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Tampere, Finland, 22.2.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Anna Kulmala hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr. Kulmala as energy expert in the field of smart grids, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Kule Anno

Anna Kulmala, R&D Project Manager, ABB

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Derio, 1st March 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Emilio Rodríguez hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Emilio Rodríguez as energy expert in the field of power systems (network operation, EMS, grid flexibility management), will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Emilio Rodríguez, Head of Power Systems, TECNALIA

[Please send back to: sabine.mueller@kit.edu and thomas.strasser@ait.ac.at]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Oldenburg, 17.02.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Sebastian Rohjans hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Sebastian Rohjans as energy expert in the field of energy informatics, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Prof. Dr.-Ing. Sebastian Rohjans (Jade University of Applied Sciences / OFFIS)

[Please send back to: <u>sabine.mueller@kit.edu</u> and <u>thomas.strasser@ait.ac.at</u>]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Kassel, 02.03.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr.Gunter Arnold hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr.Gunter Arnold as energy expert in the field of renewable energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Hamburg, 20.02.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

I, Davood Babazadeh, hereby expresses my active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, I, Davood Babazadeh, as energy expert in the field of smart integrated energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

O. R.

Dr. Davood Babazadeh, Senior Scientist, Hamburg University of Technology

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Grenoble, 24 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Yvon BESANGER hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr Yvon BESANGER, as energy expert in the field of electrical energy/power systems/smart grids, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

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Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

Yvon Bésanger, Full Professor, Grenoble INP - Grenoble Alpes University, France



Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Dortmund, 27 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Häger hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Häger as energy expert in the field of electricity grids, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Ulf Häger, Chief Engineer, ie3, TU Dortmund University

[Please send back to: sabine.mueller@kit.edu and thetastrasser@ait.ac.at]

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Grenoble, 24 th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Joël EYMERY hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr Joël Eymery as energy expert in the field of energy materials (semiconductors, metals) and characterization, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Lucian Prejbeanu, Head of Physics department at IRIG

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Torino, February 24th, 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Marcello BARICCO hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, prof. Marcello BARICCO as energy expert in the field of energy storage (hydrogen and batteries), will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Koromo

Signature

Marcello BARICCO, Full Professor in Materials Science and Technology, University of Turin, Turin (Italy)

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Amsterdam, 27 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms.L.Knotter hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms. L. Knotter as policy expert in the field of biofuels, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Hoofddorp, 27th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Rebecca Groen hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Rebecca Groen as energy expert in the field of biofuels / sustainable liquid gas, renewable and recycled carbon fuel energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,



Rebecca Groen Director Sustainable Fuels / Board member Dimeta b.v. / Board member Circular Fuels Limited / SVP Renewable Energy International DME Association

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Göteborg, 2023-03-06

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

PhD Johanna Mossberg hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, PhD Johanna Mossberg as energy expert in the field of biorefinery and energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).



Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



[Luleå], [2] [March] [2023]

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the Selection Panel in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Joakim Lundgren hereby expresses his active support to the proposal 'RISEnergy' led by Karlsruhe Institute of Technology (KIT) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main objectives of RISEnergy is to reach out to all stakeholders performing research along the value chain, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Prof. Lundgren as energy expert in the field of thermal biomass conversion and systems analysis, will participate as a member of the project's Selection Panel and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Joakim Lundgren, Professor in Energy Engineering, Luleå University of Technology

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Torino, 25th of February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr David Chiaramonti hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



With reference to this proposal, Mr Chiaramonti as energy expert in the field of bioenergy and bioecoomy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Jead Chiavamante

Prof. Ing. David Chiaramonti, PhD Vice Rector for International Affairs Prof of Bioeconomy and Energy Economics Politecnico di Torino

RISEnergy

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany

knother

Yours sincerely,

Loes Knotter, project lead on behalve of Dutch Platform Renewable Fuels (www.hernieuwbarebrandstoffen.nl)

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



[Madrid], [23th] [February] [2023]

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms. Daphne Hermosilla Redondo hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms. Daphne Hermosilla Redondo as energy expert in the field of production of biogas and solar energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Signature

Jer

Daphne Hermosilla Redondo, Associated Professor, Universidad Politécnica de Madrid

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Tel-Aviv, 23-02-2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Michael EPSTEIN hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr Michael EPSTEIN as energy expert in the field of solar and bio energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Michael EPSTEIN, Researcher Tel-Aviv University Porter School of Environmental Studies

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Seville, Spain, 23/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms. Lourdes García Rodríguez hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms. Lourdes García Rodríguez as energy expert in the field of solar energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Lourdes García Rodríguez

Full professor. University of Seville. Escuela Técnica Superior de Ingeniería (ETSI). Departamento de Ingeniería Energética. ETSI, Camino de los Descubrimientos s/n, 41092- Seville

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Bilbao, 23 February, 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr Ane Miren García-Romero hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Dr García-Romero as energy expert in the field of thermal energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Ane Miren García Romero, Full Professor on Materials Science and Engineering. School of Engineering of Bilbao. University of the Basque Country

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Lleida, 28 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Luisa F. Cabeza hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Prof. Luisa F. Cabeza as energy expert in the field of thermal energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Luisa F. Cabeza Full professor University of Lleida

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Lappeenranta, 21. Feb. 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr. Antti Kosonen hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Dr. Antti Kosonen as energy expert in the field of renewable electrical energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Antti Kosonen, Associate professor, LUT University

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Palermo, 24 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Ferraro Marco hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Ferraro Marco as energy expert in the field of energy stirage and sustainability assessment, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Signature

Ferraro Marco, Senior Researcher and Project Manager, National Research Council of Italy - Institute for Advanced Energy Technologies "Nicola Giordano"

Mars Tense

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Rome, 28th February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms.Margherita Moreno hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms.Margherita Moreno as energy expert in the field of electrochemical energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Coughon to Genero

Margherita Moreno, researcher, ENEA.

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Bologna, 17 Febrary 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr. Antonio Morandi hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

The main **objectives** of RISEnergy is to **reach out to all stakeholders performing research along the value chain**, from materials and technology development to applications in the eight most relevant fields of photovoltaics, concentrated solar power, hydrogen, biofuels, offshore wind, ocean energy (wave and tidal), integrated grids, and energy storage, including "classical" academic research as well as research and development activities in industry, including SMEs. In addition, RISEnergy focuses on accelerating the innovation chain, analyzing socio-technical and environmental aspects of new developments and systems, and on education and training.

We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Antonio Morandi as energy expert in the field of energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Antonio Planon ('

Antonio Morandi, Associate Professor, University of Bologna

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Padova, 28 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Giovanna Cavazzini hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, prof. Giovanna Cavazzini as energy expert in the field of mechanical storage and renewable energy production, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Govanna Cavazzini – Associate Professor – University of Padova

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Padova, 28 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Prof. Giovanna Cavazzini hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, prof. Giovanna Cavazzini as energy expert in the field of mechanical storage and renewable energy production, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Govanna Cavazzini – Associate Professor – University of Padova

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Torino, 27/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr Francesco Laviano hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr Francesco Laviano as energy expert in the field of energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely, momen formo

Francesco Laviano, Associate Professor, Politecnico di Torino

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Madrid, 18 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Ms. Yolanda Lechón hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of *Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Ms Yolanda Lechón as energy expert in the field of energy storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Birmingham, 17 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Professor Yulong Ding hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute* of Technology (*KIT*) under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Professor Ding as energy expert in the field of conversion and storage of energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Professor Yulong Ding FREng FIChemE FRSC CEng Director of Birmingham Centre for Energy Storage; Director of UK EPSRC Supergen Energy Storage Network Plus Programme, University of Birmingham, United Kingdom

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Oslo, 27 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr.Sigmund S. Kielland hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mr. Sigmund S. Kielland as energy expert in the field of electrochemical energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Sigmund Kielland Sigmund S. Kielland Business developer battery technology Institute for Energy Technology (IFE)

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Perugia, 28/02/2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mrs. Linda Barelli hereby expresses her active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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We are indeed convinced that this proposal will bring a significant contribution towards Europe's independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen cross-cutting services, e.g. the acceleration of materials developments and enhancing of energy technologies will lead to cost reduction of energy devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA). This supports strongly the entire energy value chain and is a necessasity to solidify the European leadership in renewable energy technologies.

With reference to this proposal, Mrs. Linda Barelli as energy expert in the field of energy storage and its integration in the grid, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Linda Barelli

Associate Professor – University of Perugia

Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Messina (ITALY), 24 February 2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Dr Salvatore Vasta hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Dr Salvatore Vasta as energy expert in the field of thermal energy conversion and storage, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

Dr. Eng. Salvatore Vasta, PhD.

Senior Researcher Consiglio Nazionale delle Ricerche (CNR) Istituto di Tecnologie Avanzate per l'Energia "Nicola Giordano" (ITAE) Via Salita S. Lucia sopra Contesse n. 5, 98126, Messina, ITALY

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Karlsruhe Institute of Technology (KIT)

Institute for Micro Process Engineering (IMVT) Hermann-von-Helmholtz-Platz 1 | 76344 Eggenstein-Leopoldshafen | Germany



Vienna, 20.02.2023

Letter of support for Horizon Europe RISEnergy proposal

Subject: Interest of becoming a member of the *Selection Panel* in the proposal "Research Infrastructure Services for Renewable Energy" (RISEnergy)

Call: Horizon-INFRA-2023-SERV-01-01: Research Infrastructures services to enable R&I addressing main challenges and European priorities

Topic: Research Infrastructure services for renewable energy technologies and systems

Dear RISEnergy consortium,

Mr.Daniel Lager hereby expresses his active support to the proposal '*RISEnergy'* led by *Karlsruhe Institute of Technology (KIT)* under the Horizon Europe call.

In December 2019, the European Commission has presented the "European Green Deal", a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector. Further this target requires the implementation of greater energy efficiency, a higher share of renewable energy, and more sustainable energy storage in the energy system by 2030. To address these challenges, RISEnergy brings together a consortium of more than 30 beneficiaries from at least 12 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of renewable energy technologies and energy systems.

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With reference to this proposal, Mr. Daniel Lager as energy expert in the field of thermal energy, will participate as a member of the project's **Selection Panel** and contribute to the evaluation of the user projects for accessing a world-class research infrastructure within the RISEnergy project (max twice a year).

Yours sincerely,

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Dr. DANIEL LAGER, MSc Research Engineer AIT Austrian Institute of Technology GmbH