



RENEWABLE
ENERGIES



IN THE FOCUS:

ENERGY
TRANSITION

WIP RENEWABLE ENERGIES

YOUR PARTNER IN THE FIELD OF RENEWABLE ENERGIES





OUR MISSION



The current energy infrastructure worldwide must be transformed with the objective to reduce fossil energy related conflicts, mitigate climate change, and avoid other negative impacts of nuclear and fossil energy systems.

Our mission is to contribute to this goal by *facilitating research, innovation and market integration of renewable energy systems* through collaborative efforts across all sectors of society.



EXPERTISE



WIP is a renewable energy consultancy with a long history of managing research and innovation projects and organizing leading conferences and events in the sector. With *more than 30 years of experience* and a *multinational team of over 20 people*, we have already successfully implemented *more than 350 European and international projects* in the field of Renewable Energy.

OUR CONSULTANCY SERVICES

Research, Consultancy, Communication and Exploitation Services

Research & Consultancy

We have a long track record of carrying out *high-quality studies* in all areas where our company is active. The type of work ranges from *economic assessments and market research to policy analysis and Life Cycle Assessments*.

Comms, dissemination and exploitation

We have a team of experts who develop *communication campaigns*, Stakeholder workshops as well as *strategies for the exploitation of R&I project results*, targeting either the general public or selected target groups.

Event Organisation

WIP's expertise with event organization includes the *conception, pre-financing, preparation, organisation and management* of high-level and large-scale international conferences, workshops, seminars and exhibitions in the field of RES





“THE TRANSFORMATION AHEAD OF US IS UNPRECEDENTED. AND IT WILL ONLY WORK IF IT IS JUST - AND IF IT WORKS FOR ALL. WE WILL SUPPORT OUR PEOPLE AND OUR REGIONS THAT NEED TO MAKE BIGGER EFFORTS IN THIS TRANSFORMATION, TO MAKE SURE THAT WE LEAVE NO ONE BEHIND.”

URSULA VON DER LEYEN,
PRESIDENT OF THE
EUROPEAN COMMISSION





IN THE FOCUS: ENERGY TRANSITION

Moving away from fossil fuels towards a low-carbon economy is a huge challenge requiring joint efforts of a wide range of stakeholders. Integration of renewable energy and energy efficiency will play a key role in the transition process, however green transition should be based on solidarity and fairness ensuring that no region is left behind. The European Union is committed towards a just energy transition, helping to tackle the social and economic effects of the transition in the most affected regions. The energy transition is affordable; therefore, it is an opportunity and not a burden.

WIP shares this commitment and is engaged in different projects on just energy transition in coal regions, on support to bioenergy retrofitting as an alternative to fossil energy, as well as on investigating financing opportunities for new and innovative solutions for sustainable energy systems.

OTHER THEMATIC AREAS AT WIP:

Renewable Energy Technologies

- Solar energy
- Bioenergy & bioeconomy
- Wind energy
- Hydropower
- Other Renewable Energy Technologies

Energy System Integration

- Energy storage and grid integration
- Energy efficiency
- Smart cities and networks
- Sector coupling

Market Uptake

- Social Innovation
- Policy development
- Sustainability analysis
- Training and capacity building
- Communication and Exploitation

...and many more!



IN THE FOCUS: WIP'S PROJECT ON ENERGY TRANSITION

TRACER



Smart Strategies for the Transition in Coal Intensive Regions

TRACER supports nine coal-intensive regions, which are at different stages of their energy transition, to shape (or fine-tune) their Research and Innovation (R&I) strategies and exchange previous experiences in order to facilitate transition towards sustainable energy systems. (European Commission, 2019-2022, www.tracer-h2020.eu)

REPLACE



Making heating and cooling for European consumers efficient, economically resilient, clean and climate-friendly

The aim of REPLACE is to motivate and support people in target regions of nine different countries (Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Germany, Macedonia, Serbia, Slovenia and Spain) to replace their old heating systems with more environmentally friendly alternatives. (European Commission, 2019-2022, www.replace-project.eu)

BIOFIT



Bioenergy Retrofits for Europe's Industry

The overall aim of the BIOFIT project is to facilitate the introduction of bioenergy retrofitting in the following five industry sectors: first-generation biofuels, pulp and paper, fossil refineries, fossil firing power and combined heat and power plants. (European Commission, 2018-2021, www.biofit-h2020.eu)

Upgrade DH



Upgrading the performance of district heating networks in Europe

The Upgrade DH project aims to improve the performance of existing district heating networks in Europe by supporting selected demonstration cases for upgrading, which can be replicated in Europe (European Commission, 2018-2021, www.upgrade-dh.eu).

MUSIC



Market Uptake Support for Intermediate Bioenergy Carriers

The MUSIC project aims to facilitate market uptake of IBCs by developing feedstock mobilisation strategies, improved logistics and IBC trade centres. The three-year project will develop strategies to mobilise the use of non-food biomass, determine the most cost-effective logistics and facilitate the trade of IBCs. (European Commission, 2019 – 2022, www.music-h2020.eu)

BIOVILL



Increasing the Market Uptake of Sustainable Bioenergy

The objective of the BioVill project is to transfer and adapt experiences gained in countries where bioenergy villages already exist (Germany and Austria) to countries with less examples in this sector (Slovenia, Serbia, Croatia, Macedonia and Romania). (European Commission, 2016 – 2019, www.biovill.eu)

SOCIAL RES



Fostering Socially Innovative and Inclusive Strategies for Empowering Citizens in the Renewable Energy Market of the Future

The aim of SocialRES is to foster energy democracy through social innovation and the active collaboration between cooperatives, aggregators of renewable energy and crowdfunding platforms. Data coming from the real-life implementation of nine case studies will be analyzed in order to define what drives social innovation and why people decide to participate in renewable energy projects. (European Commission, 2019-2022, www.socialres.eu)

PV IMPACT



Actual execution of the Implementation Plan for Photovoltaics of the SET Plan and monitoring the Implementation Plan's delivery

PV Impact will try out a variety of approaches to stimulate the private sector to spend more on PV research, development and innovation in Europe. The ultimate goal of the project is to support and monitor the execution of the PV Implementation Plan in the framework of the Strategic Energy Technology (SET) Plan. (European Commission, 2019-2022, www.pvimpact.eu)

BIOPLAT-EU



Promoting sustainable use of underutilized lands for bioenergy production through a web-based Platform for Europe

The overall objective of the project is to promote the market uptake of sustainable bioenergy in Europe using marginal, underutilized, and contaminated lands for non-food biomass production through the provision of a web-based platform that serves as decision support tool. (European Commission, 2018-2021, www.bioplat.eu)

CITIZEE



Scaling up Public Energy Efficiency Investments via Standardising Citizen Financing Schemes

CitizEE supports European public authorities to scale up investments for energy efficiency in the building sector through attracting citizen private investments. CitizEE addresses these goals by means of creating national or regional Investment Platforms backed by European Fund for Strategic Investments that will support the integration of tailored and widely adopted citizen financing schemes, crowdfunding and cooperative models. (European Commission, 2019-2022, www.citizee.eu)

SUPER PV



Cost Reduction and Enhanced Performance of PV Systems

SUPER PV is pursuing an ambitious but realistic goal for innovative PV system cost reduction and consequently significant LCOE reduction (26%-37%) by adopting hybrid approach combining technological innovations and Data Management methods along the PV value chain. To achieve that, key actions are implemented at three main levels within the PV value chain: PV module innovation level, power electronics innovation level and system integration level. (European Commission, 2018-2022, www.superpv.eu)

BIOREGIONS



Regional Networks for the development of a Sustainable Market for Bioenergy in Europe

BioRegions brings the development of bioenergy regions on a European level building on the work of the most advanced areas. A "bioenergy region" gets at least 1/3 of its heating and electricity needs from regional and sustainable bioenergy sources, with main focus on solid biomass. (European Commission, 2010-2013, www.bioregions.eu)



GET IN TOUCH WITH US

Consultancy services

Dr. Rainer Janssen, Managing Director Projects
rainer.janssen@wip-munich.de

Benedetta Di Costanzo, Project Manager
benedetta.dicostanzo@wip-munich.de

WIP Renewable Energies

Sylvensteinstr. 2
81369 Munich
Germany

Phone: +49-89-720 12 735
Fax: +49-89-720 12 791

www.wip-munich.de
wip@wip-munich.de

