

Sustainable Energy for Society

MSCA Postdoctoral Fellowships (PFs)

Proposal



February 2026

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01 Background and credentials. Energy for Future



Duration: July 2021 – June 2026 (Now extended to June 2027)

Budget: 4M €

Number of researchers: 28 in two calls

First call: July 2021 – July 2024

Second Call: February 2023 – June 2026 (Now June 2027)

Post-doctoral fellowships for Experienced Researchers (PhD or 4 years of Research Experience) of **any nationality**.

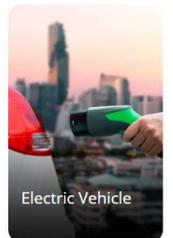
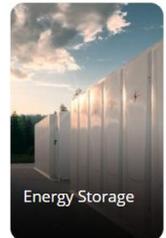
What are we offering?:

24 months contract with the **Hosting Partner** :

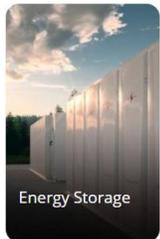
- **18-21 months** at one of the 13 academic **Hosting Partner Organizations (HPOs)**
- Compulsory **3-6 months secondment** at **Iberdrola Group**
- Optional **3 months secondment** with an **academic institution**

Training and other activities (result dissemination, communication, etc.) being done through the whole period.

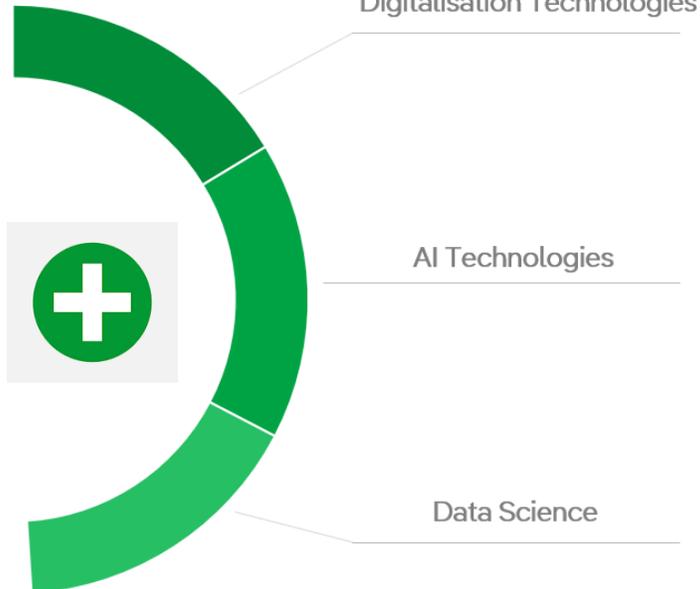
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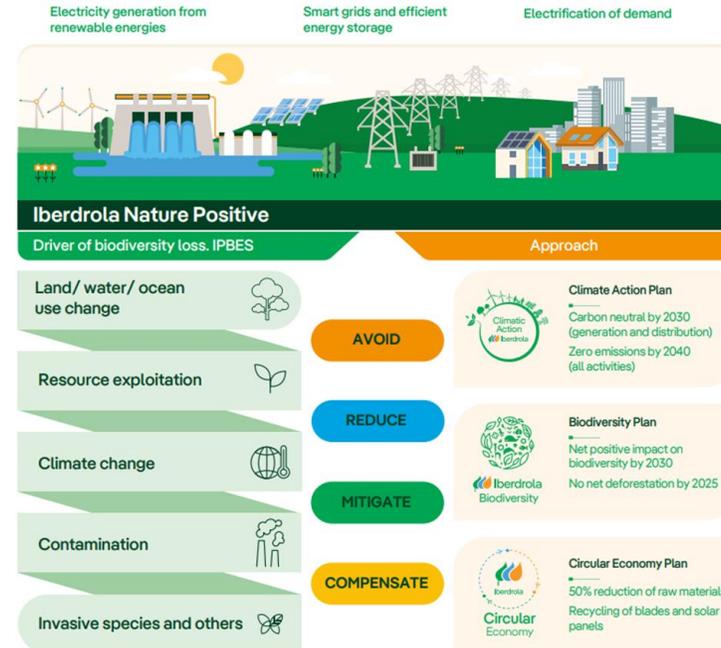
02 From Energy for Future To Sustainable Energy for Society (SE4S)



Technological enablers



"Iberdrola Positive Nature"



Sustainable Energy for Society – areas of research



Decarbonised energy systems

Biodiversity and ecosystems quality

Circular Economy



Internal Use

Decarbonised energy systems

Biodiversity and ecosystems quality

Circular Economy

▪ Electrified mobility

- Network and charging stations management.
- Wireless charging.
- Autonomous vehicles
- Fleet management and sustainable logistics.
- Heavy goods transport

▪ Electrified living

- New technological industrial solutions (District Heating & Cooling, heat pumps, electric furnaces, other green energy vectors).
- SW and EMS for energy management.
- Green hydrogen.
- Energy grid planning and functionality.
- Self-sufficient systems, storage and self-generation.

- Evaluation and massive monitoring of the condition of terrestrial and marine ecosystems.
- Technologies for detection and identification of species.
- Assessment of impacts on biodiversity of the supply chain.
- Cost-efficient nature-based solutions for mitigation/reduction of negative impacts.
- Quantification of the positive impact on species derived from actions on habitats and species.
- Digital twins solutions for electricity grid resilience during high risk and adverse weather events (fires, storms, floods, hurricanes, etc.)

- New technologies for **recycling** and 2nd life processes.
- New sustainable business models and circular value chains.
- **Material reduction** and eco-design.
- Digital passports of material goods.
- Initiatives and/or technologies for energy efficiency and **reduction of waste and CO₂**, in the value chain of the electricity sector.

04 Our partners

Implementing partners



Associated partners



05 SE4S structure and key elements

The COFUND is based on a **60-months** (5 years) Fellowship Programme (FP) that will recruit **16 researchers** in a **single call**. Each postdoctoral fellowship will have a duration of 36 months, fostering mobility both between different countries and between academic and industrial sector.

Key elements:

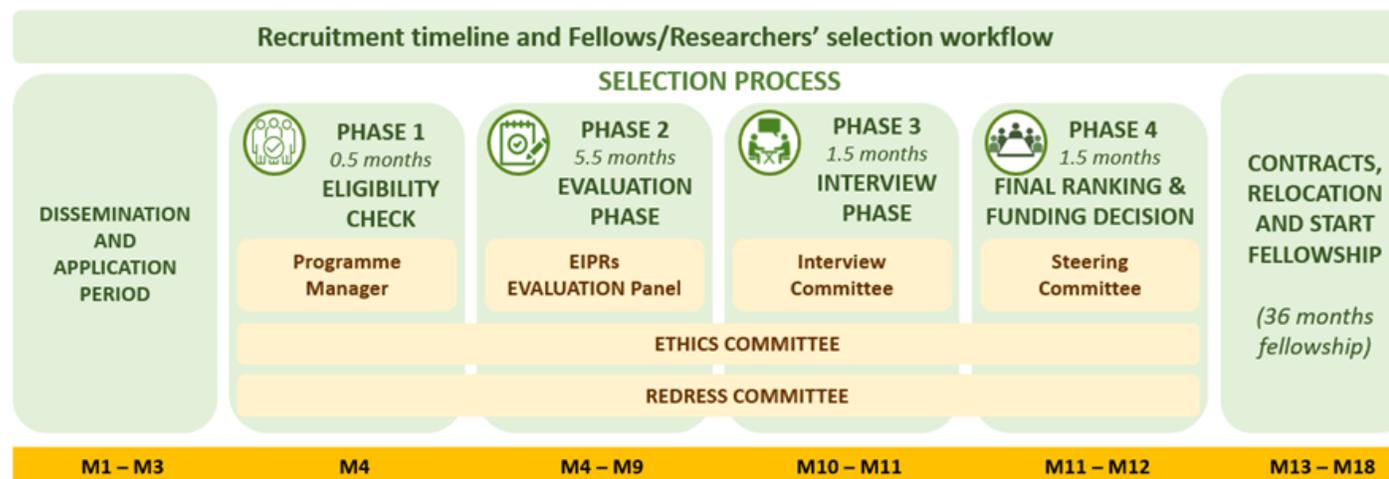
- **HORIZON TMA MSCA Cofund Postdoctoral programme**
- **Budget: 5,4 M€**
- **30-33 months hosting period** at one of the implementing partners;
- **Compulsory 3-6 months secondment** at one of the associated industrial partners;
- **Optional 3 months secondment** at an academic institution;
- **Training and complementary activities**, including results dissemination and communication, carried out throughout the entire duration of the programme.
- **Call: May 1st – June 30th, 2026**



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06 SE4S strenghts

- ✓ The programme ensures a transparent, fair, and well-structured recruitment and **selection process** with clear criteria, feedback mechanisms, and wide dissemination, involving independent international experts and well-balanced committees.



- ✓ The programme demonstrates a **strong research dimension**, offering innovative and high-quality areas while ensuring that researchers retain full autonomy to design their projects. Interdisciplinary and intersectoral integration is excellent, effectively combining advanced fields within a robust research ecosystem supported by leading **international experts**. A major strength is the convincingly embedded **intersectoral mobility**, with mandatory non-academic **secondments** complemented by additional opportunities for **international academic placements**.

- ✓ The proposed **training programme** is well designed, combining research modules, transferable skills, and mobility opportunities—including a compulsory industrial secondment. The strong involvement of the non-academic sector provides **industry-specific training, practical experience**, and access to a **global network** that supports diverse career paths in academia, industry, and beyond. A structured 3-year **engagement plan** for researchers to maintain an active communication between candidates, supervisors, mentors and the management team is also very much appreciated.
- ✓ The proposal ensures excellent, interdisciplinary, and inclusive **supervision** through highly qualified supervisors, mentors, and advisory support. This is complemented by comprehensive **career guidance**, regular monitoring, and well-defined measures to track progress and provide feedback.
- ✓ The **dissemination, exploitation, communication, and public engagement** measures are outstanding—highly ambitious and exceptionally well structured—effectively reaching academic, industrial, and public audiences through targeted activities and measurable KPIs.
- ✓ The **work plan** is comprehensive, well organised, and highly effective. It is structured into logical work packages with clearly defined objectives, tasks, deliverables, milestones, and appropriately allocated efforts, all supported by a realistic and achievable timeline.