EUROGIA²⁰³⁰ within

eureka
innovation beyond borders

01

The EUREKA
Cluster dedicated to
Low-Carbon Energy
Technologies

02

Includes
the full energy mix and
value chain

03

Labelled for the
MAP 2021-2025

04

EUROGIA2030
promotes and facilitates
partnerships between
Industry, Universities
and Governments

Eurogia²⁰³⁰

EUROGIA²⁰³⁰ The Cluster of energy transition

a 19-year cluster history
from **fossile** to **renewables**

2023 Eurogia²⁰³⁰

2021 eurogia 2030

2013 eurogia²⁰²⁰

2008 eurogia⁺

2004 eurogia

Eurogia²⁰³⁰

OUR VISION

Some of the Eurogia targeted challenges to achieve the sustainability goals are necessary, but not limited to:

- **Carbon-free energy supply**

- **Green mobility and Smart cities**

- **Smarter housings and constructions**

- **Bio resources and environment**

The Eurogia2030 Purpose

EUROGIA2030 is on the front line in the Energy field to achieve **carbon neutrality goals**. Through low carbon technologies R&D solutions Eurogia2030 aims to contribute for a **sustainable environment**, for the **reduction of climate change** and for a **sustainable growth.**

Eurogia2030

The Eurogia2030 5Ds Strategy

DECARBONIZATION

- **Renewable Energy resources & integration with the existing grid,**
- **Electric vehicles and charging infrastructure,**
- **Green and zero emission buildings,**
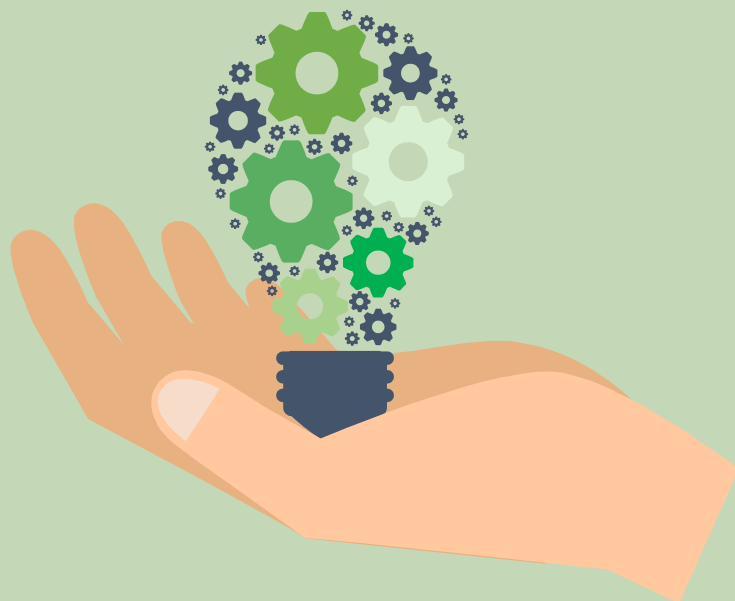- **H2 technologies and Storage.**

DECENTRALIZATION & DIGITALIZATION

- **Microgrids**
- **Smart Grids**
- **ICT, AI**
- **IOT.**
- **IT&OT cybersecurity**

DEREGULATION & DEMOCRATIZATION

- **Blokchain Technologies**
- **Flexibility Management**
- **Virtual Power Plants**
- **Network Stability**
- **Peer to Peer Energy Trade**
- **Demand Side Management**

Eurogia 2030

EUROGIA²⁰³⁰ Technology domains

EUROGIA2030 encourages **partnerships between competencies** covering a large spectrum of disciplines and the entire energy mix

Cost effective Energy Sources

- Geothermal
- Solar
- Wind Power
- Biomass
- Hydro Power
- Waves and Tides
- Oil & Gas
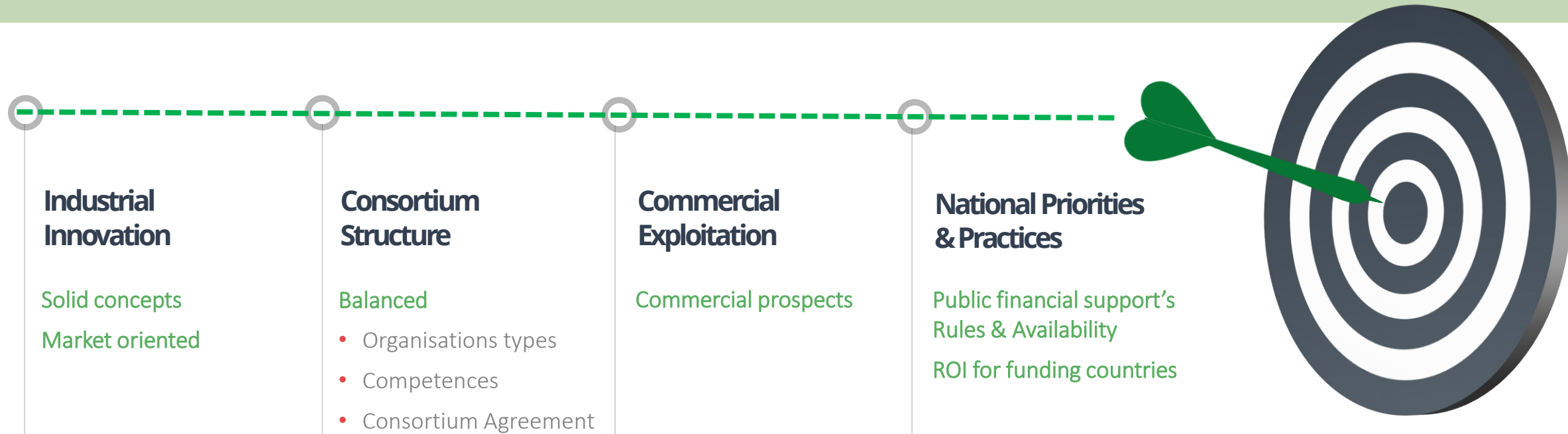- Clean Coal

Enabling Technologies*

- Energy Efficiency
- Energy Storage
- Intelligent networks and energy management
- CO_2 mitigation (CCS & valorization)
- Materials (including minerals)
- Tools, fabrication & Installation
- Processes; ICT (e.g., in smart grids)

The list is not exhaustive

EUROGIA^{2030} A process designed by industry for industry:
Flexible, Fast, Interactive

Continuous submission with 3-4 cut-off dates/year

through extensive/continuous feedback and access to the EUROGIA community

2-step process (PO and FPP)

No competition between similar projects

quality of your own project is what counts

Instrument providing expertise and support to international projects involving all the innovation landscape on Low Carbon Energy Technologies

Parallel applications in each country in addition to global Eurogia2030 application; and synchronisation of funding from each country not always achieved.

Industry Community to foster Low Carbon Technology Development based on an International Public-Private Innovation-Centric Partnership

Eurogia^{2030}

EUROGIA²⁰³⁰ Winning Project's Equation

Industrial Innovation

Solid concepts

Market oriented

Consortium Structure

Balanced

- Organisations types
- Competences
- Consortium Agreement

Commercial Exploitation

Commercial prospects

National Priorities & Practices

Public financial support's Rules & Availability

ROI for funding countries

The Eurogia2030 Website

EUROGIA2030
THE EUREKA CLUSTER FOR LOW CARBON TECHNOLOGIES SOLUTIONS

OPEN NOW:

CALL24 SEPT-NOV 2023
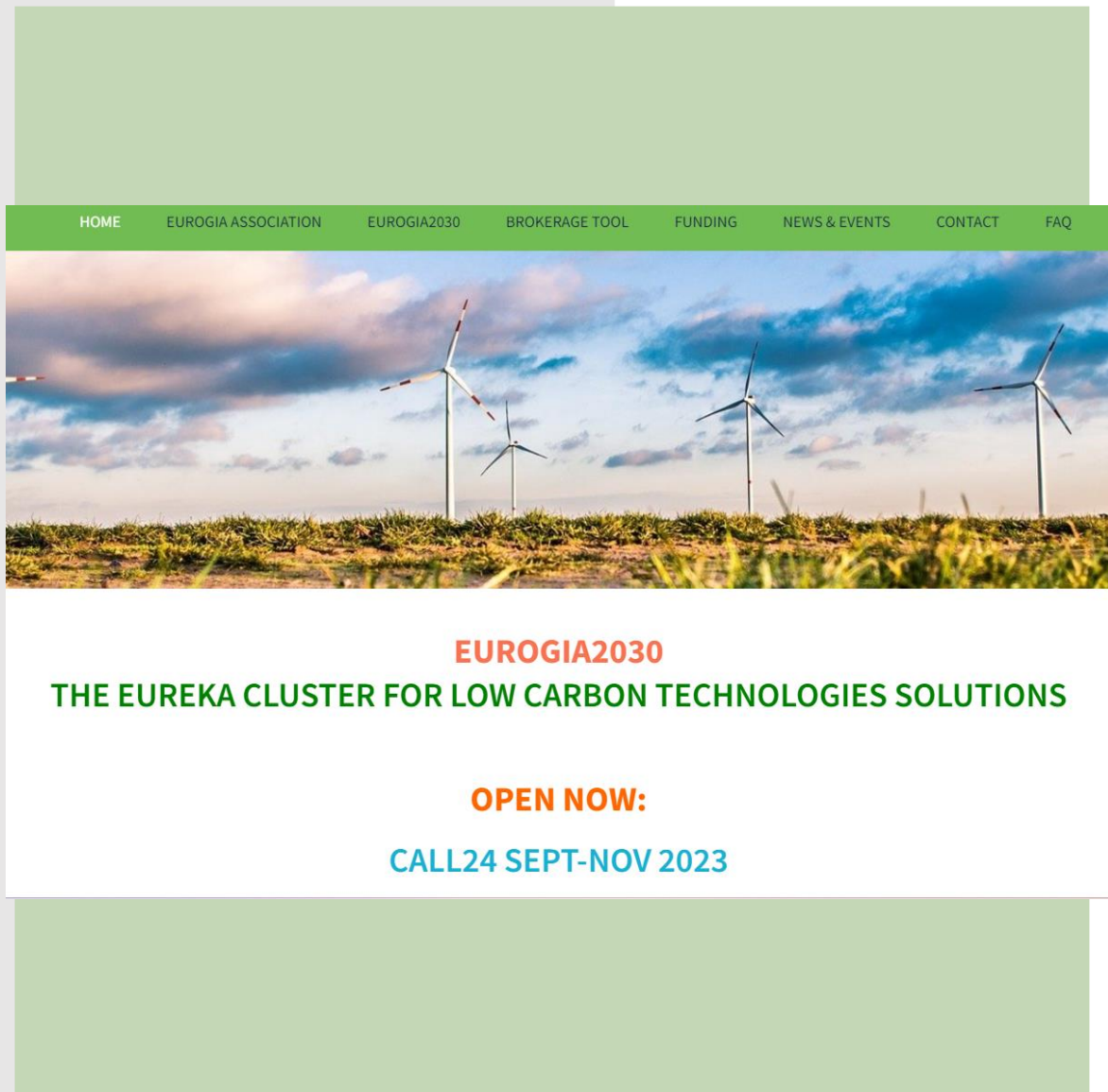
Project submissions will be based on the two steps process (1st step PO/ 2nd step FPP) accessed through the Eurogia Call Info website: https://eurogia.eu/

Call guidance is available on the website

Call submission support will be provided by the Eurogia cluster

It is essential for each partner to contact their supporting Public Authority at the earliest opportunity to verify eligibility

Funding rates/Rules of participation are subject to National policy

Submit you Project Proposal

Submission Deadline Call24: November 24th, 2023 17:00 CET

01

Log in the Tool:
https://cluster-projects.eurestools.eu/

02

Fill in the web forms in the Tool

03

Download the proposal templates in the Templates section of the Eurogia website (**https://eurogia.eu/templates/**)

04

Upload your proposal and all the relative documents in the Tool

If it is the first submission with Eurogia you have to present only the PO, Project Outline

Eurogia 2030

Eurogia2030 Call Process (two steps)

- 1st Step: submission of a **Project Outline (PO)**

Evaluation of the PO by the Eurogia Technical Committee + recommendation from Public Authorities

- 2nd Step: Submission of a **Full Project Proposal (FPP)** in the following CALL

- Granting of the Eurogia2030 LABEL

- National Application to the Funding Bodies
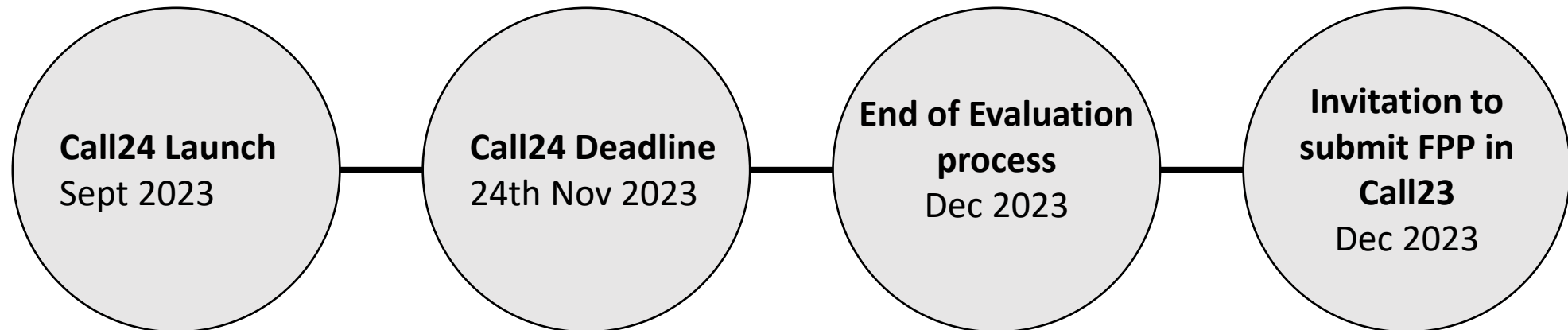 **InnovateUK Funding decision on an annual basis (Mid-year)**

Open Now: CALL24
Deadline 24th Nov 2023

Upcoming Call : CALL25
Launch: Jan 2024
Deadline: Mar 2024

CALL24 TIMELINE

Call24 Launch
Sept 2023

Call24 Deadline
24th Nov 2023

End of Evaluation process
Dec 2023

Invitation to submit FPP in Call23
Dec 2023

Eurogia 2030

Eurogia2030 Supporting Countries
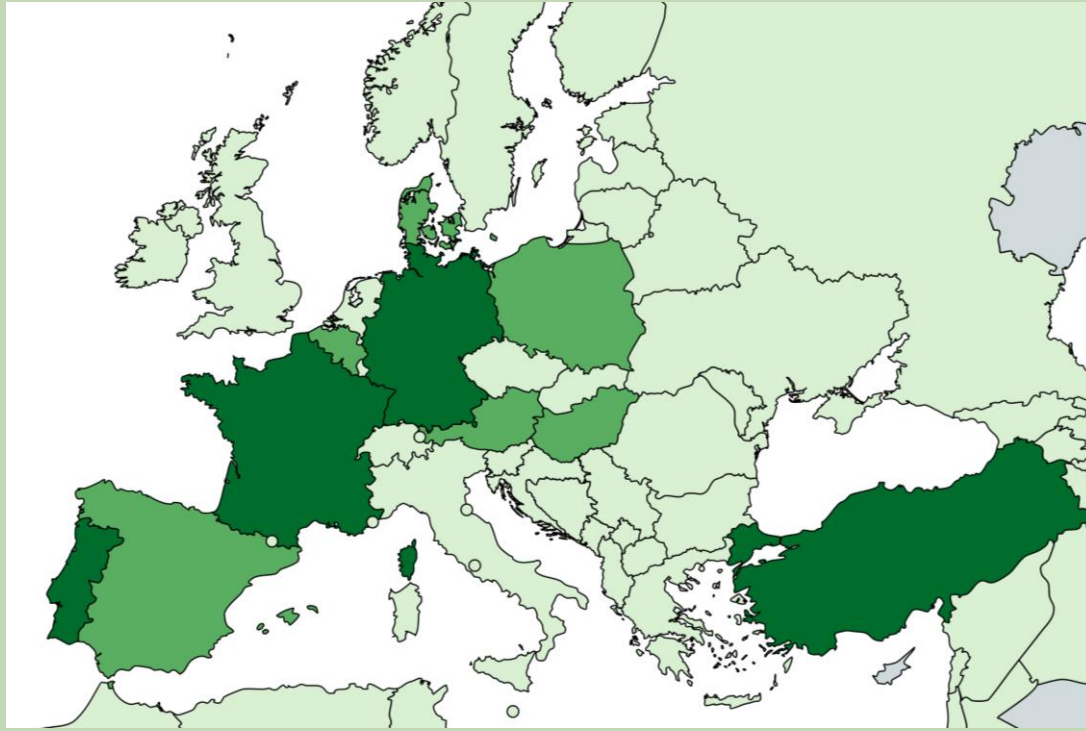
Eurogia 2030 Successful Projects

Eurogia Successful Project

SmartWind

SmartWind is an industry-driven demonstration project focused on the energy digitalisation that will contribute to achieve a **reduction of the total costs** of **renewable wind power generation and the Levelized Cost of Electricity (LCoE)**, providing advanced and automated functions from data analysis for early fault detection and diagnosis, and Operations and Maintenance (O&M) planning at wind assets.

Eurogia's Main European Players

BUREAU VERITAS 1828
BUREAU VERITAS

İSTANBUL BÜYÜKŞEHİR BELEDİYESİ İGDAŞ

GRUPO R ÉRRE

reengen

ENERJİSA Energy of Turkey

PayCore

EURESCOM Innovation through Collaboration

Participants in Running Projects

isotrol

BYS GRUP innovative ideas

FUA

Aydem enerji

RUHR UNIVERSITÄT BOCHUM RUB

ALFA LAVAL

Beia CONSULT INTERNATIONAL

NETAŞ

GWP greenwood power

ZORLUENERJİ

aspilsan

BIONIC SYSTEM SOLUTIONS

ENFORMA

SOCAR

Eurogia 2030

Thank you!