Eurogia 2030

*The Eureka Network Cluster on **Low-Carbon Technologies***

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Gizlilik / Sensitivity : Genel - Public

EUROGIA^{2030} 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 period 2025-2032

04

EUROGIA2030 promotes and facilitates partnerships between Industry, Universities and Governments

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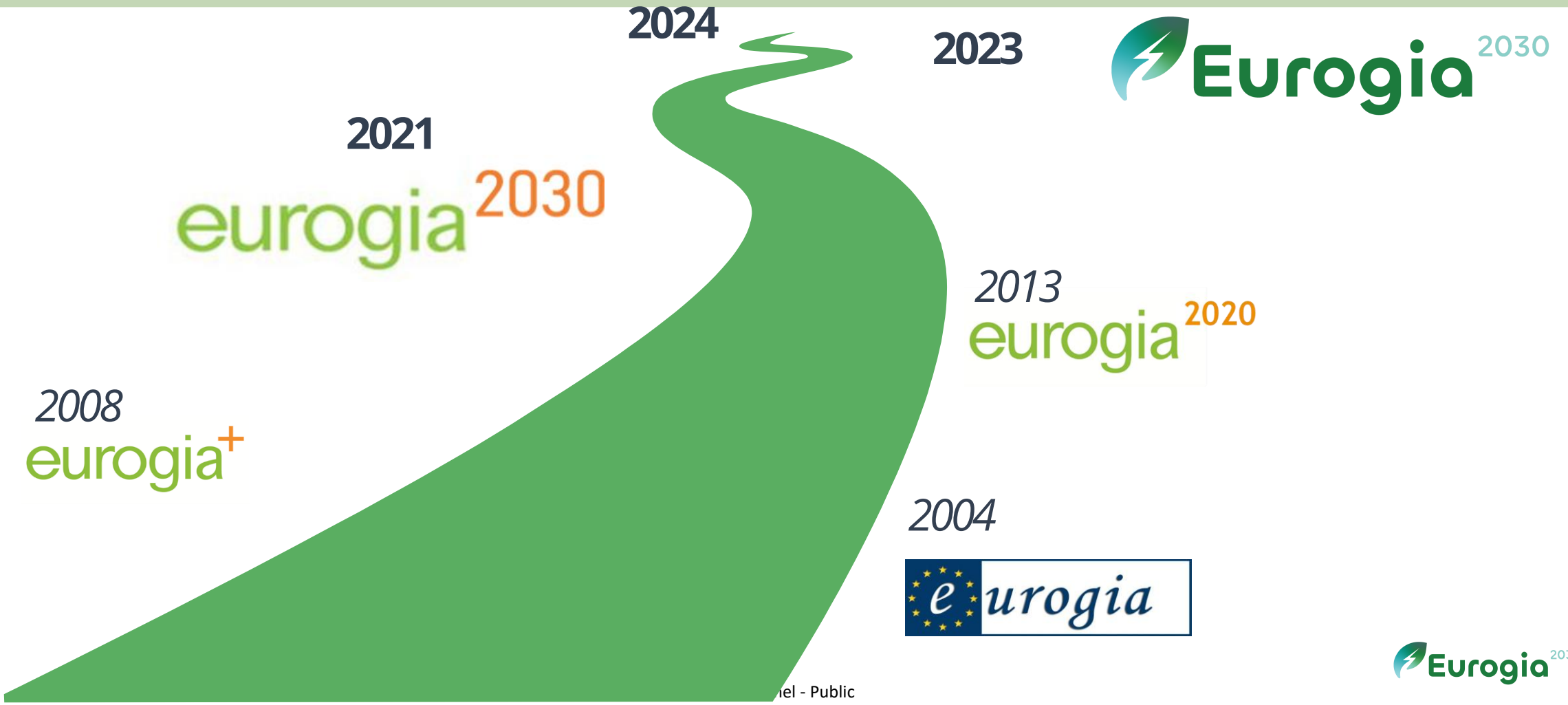
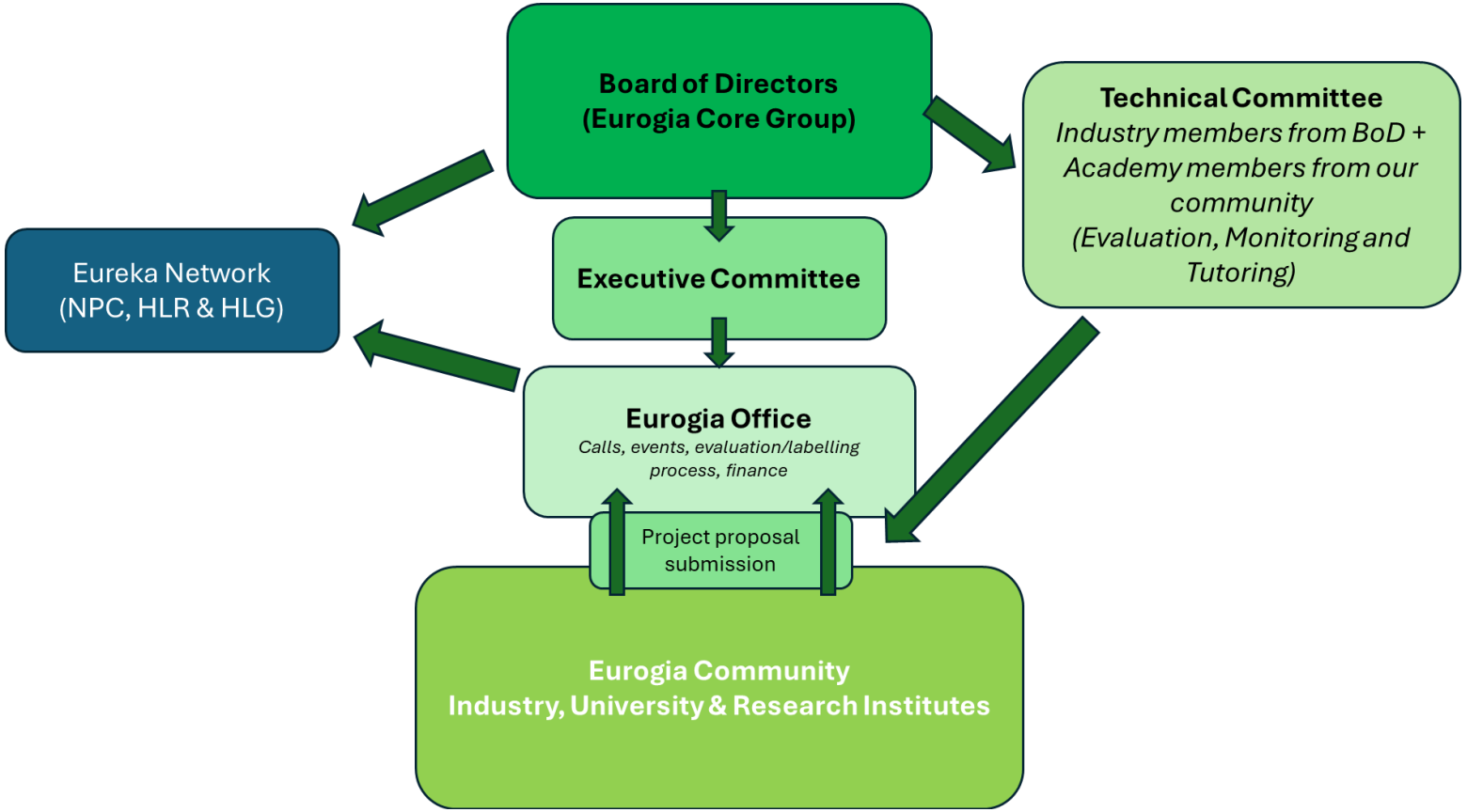
EUROGIA2030 The Cluster of energy transition

20 years anniversary from **fossil** to renewables



The Structure of the EUROGIA^{2030} Cluster



OUR VISION

The Eurogia2030 Cluster offers a unique programme for industrial research and innovation in the energy sector, specifically focusing on sustainable energy technologies. Its key selling point is its ability to foster cross-border collaboration among European and international companies, research institutions, and SMEs to accelerate the development and commercialization of cutting-edge energy solutions. What sets Eurogia2030 apart is its dedicated focus on energy innovation within the broader Eureka Network, providing tailored funding and support to drive industrial-scale technological breakthroughs. By bridging the gap between early-stage R&D and commercial application, Eurogia2030 helps turn promising energy technologies into viable market solutions.

Mission Statement

Eurogia2030 is on the front line in the Energy field to achieve carbon neutrality goals. Through *Low Carbon Technologies R&D solutions* Eurogia aims to contribute for a sustainable environment, for the reduction of climate change and for a sustainable growth. Some of the targeted challenges to achieve these 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 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**

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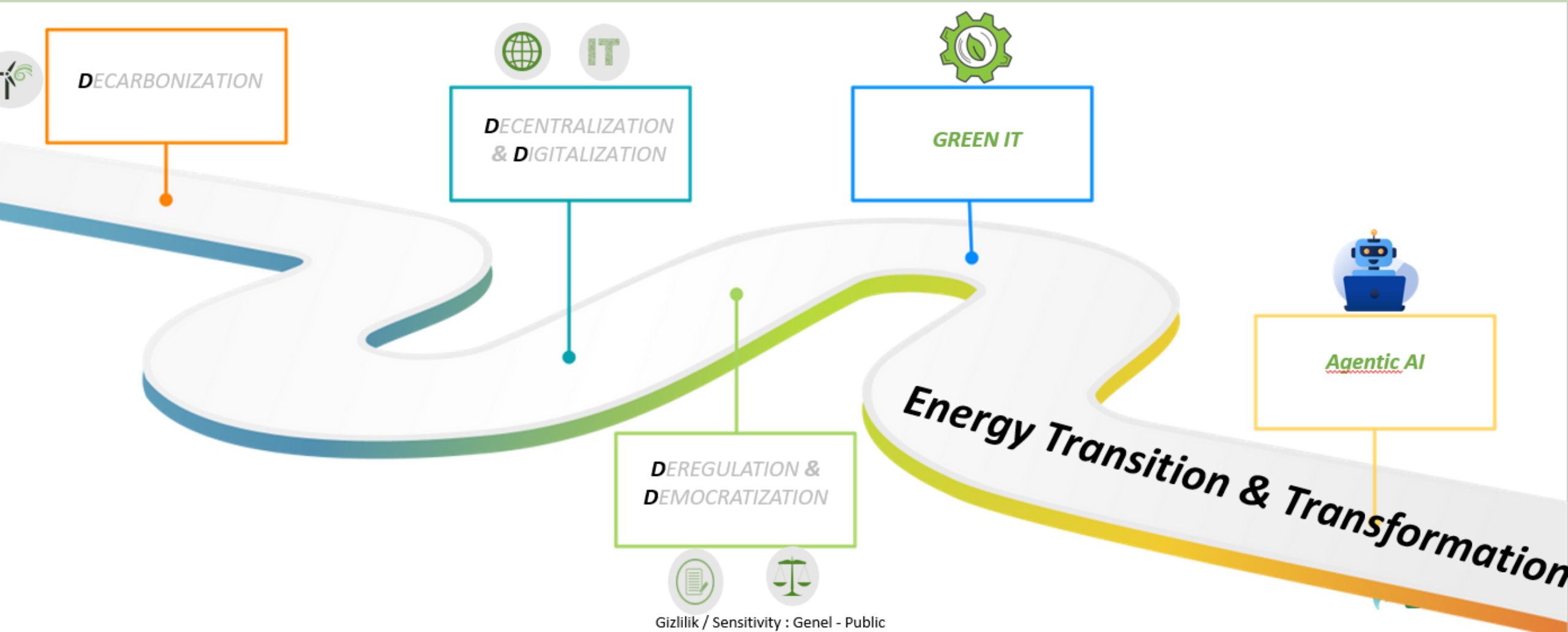
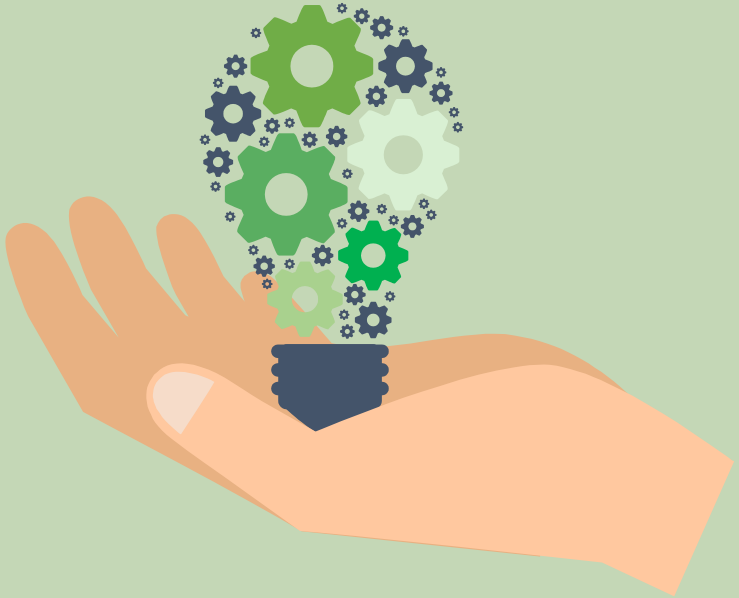
From 5D to AI Strategy (Eurogia Journey)



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
- CO2 mitigation (CCS & valorization)
- Materials (including minerals)
- Tools, fabrication & Installation
- Processes; ICT (e.g., in smart grids)

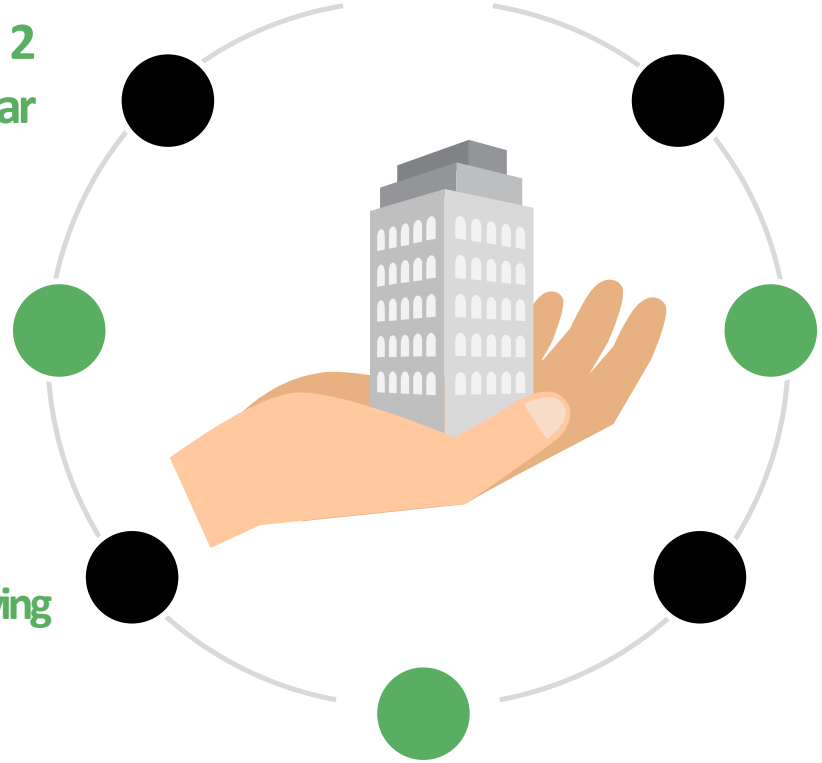
**The list is not exhaustive*

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

Continuous submission with 2 cut-off dates/year

2-step process (PO and FPP)

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



through extensive/continuous feedback and access to the EUROGIA community

No competition between similar projects

quality of your own project is what counts

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

EUROGIA2030 Winning Project's Equation

Industrial Innovation

Solid concepts

Market oriented

Consortium Structure

Balanced

- Organisations types
- Competences
- Consortium Agreement

Commercial Exploitation

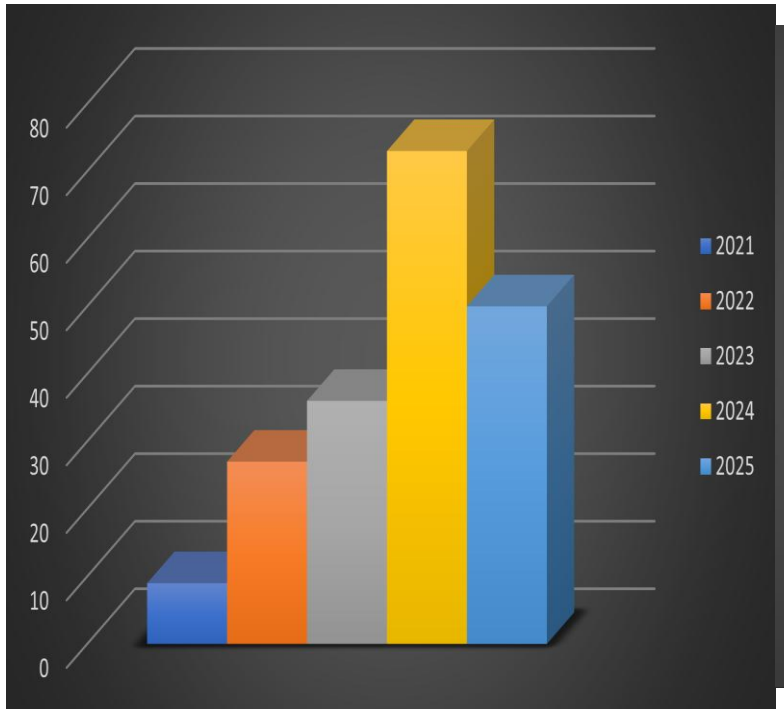
Commercial prospects

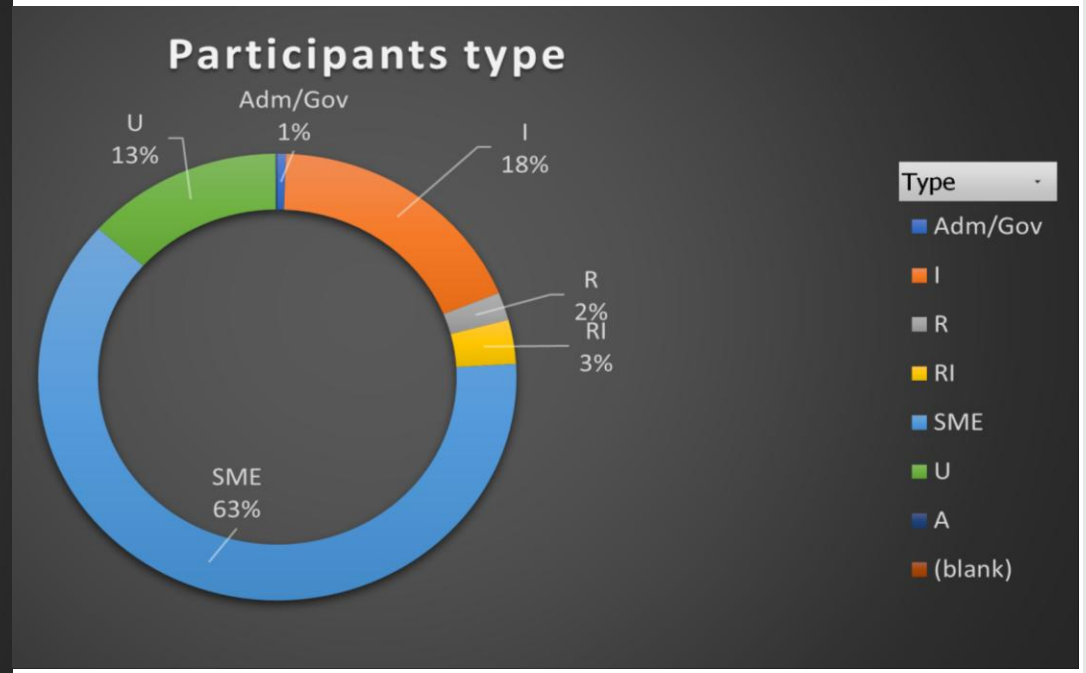
National Priorities & Practices

Public financial support's Rules & Availability

ROI for funding countries

EUROGIA2030 Statistics 2021-2025





In the past 5 years;
848 participants contributed on the projects which are;

155 Industry
530 SMEs
113 Uni
44 RI
6 Adm/Gov

134 PO submitted
with 255.016.583 € budget
61 FP submitted with
110.675.392 € budget

58 projects have been labelled with 103.397.997 €

Eurogia2030 Supporting Countries

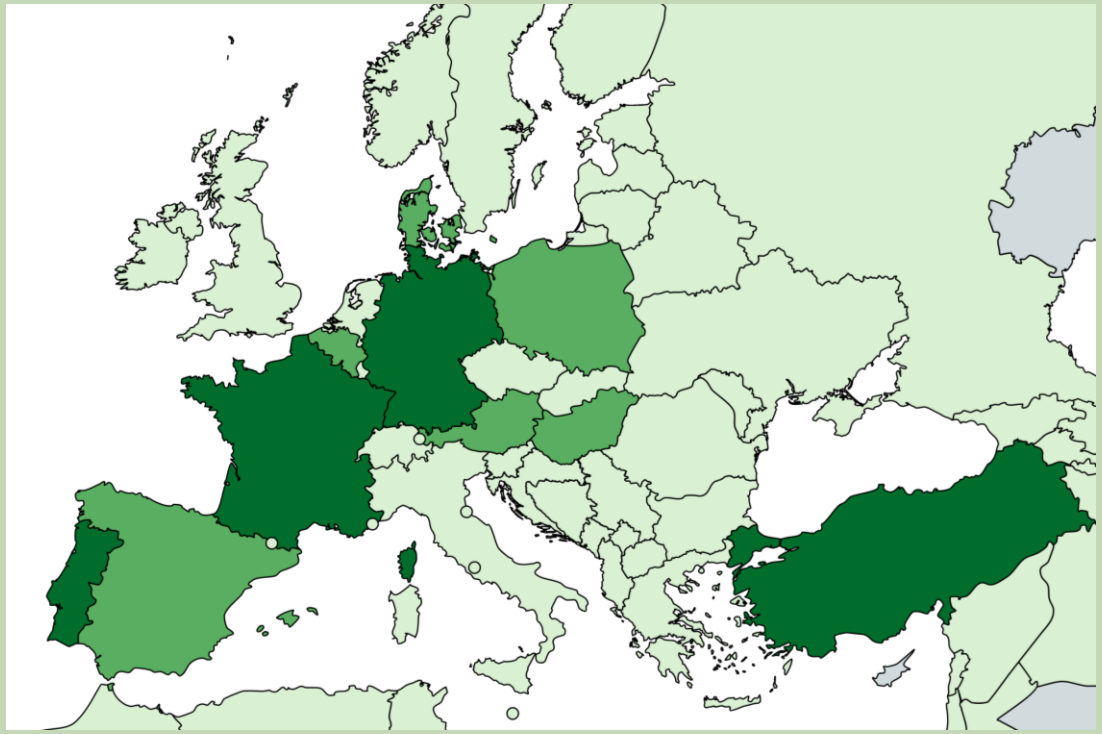
Europe

Americas

Asia

Africa

Eurogia's Main European Players



OUR BOARD MEMBERS

BUREAU VERITAS

EURESCOM
Innovation through Collaboration

ENERJİSA
Energy of Turkey

EPİAŞ

reengen

HUN REN

Participants in Running Projects

isotrol

BYS GRUP
innovative ideas

FUDA

NETAS

Aydem enerji

RUHR UNIVERSITÄT BOCHUM RUB

ALFA LAVAL

Beia CONSULT INTERNATIONAL

GWP greenwood power

ZORLUENERJİ

aspilsan

BIONIC SYSTEM SOLUTIONS

ENFORMA

SOCAR

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Thank you!

Gizlilik / Sensitivity : Genel - Public