



European Industrial Alliance on SMRs

Jessica Johnson, Communications & Advocacy Director - nucleareurope

Who we are

We act as the voice of the European nuclear industry in energy policy discussions with EU Institutions and other key stakeholders

Membership

The membership of nucleareurope is made up of 15 national nuclear associations and several corporate members



Corporate Members





European Industrial Alliance on **SMALL MODULAR REACTORS**

General Presentation

European IA on SMRs – Objectives



Application SCAN ME	FAQ SCAN ME
Declaration SCAN ME	ToR SCAN ME



Main Objective

Facilitate & accelerate the development, demonstration, & deployment of First SMRs projects in Europe in the early 2030s.

Specific Objective I

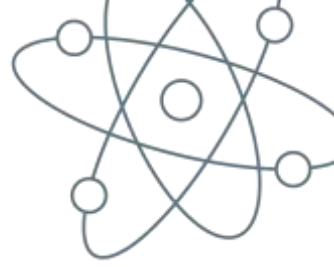
Provide **customised support** to all SMR projects deemed eligible for support under the Alliance

Specific Objective II

Enabling conditions to ensure the further deployment, operation, and maintenance of SMRs in the **medium and long term**.

grow-EU-SMRS-ALLIANCE@ec.europa.eu

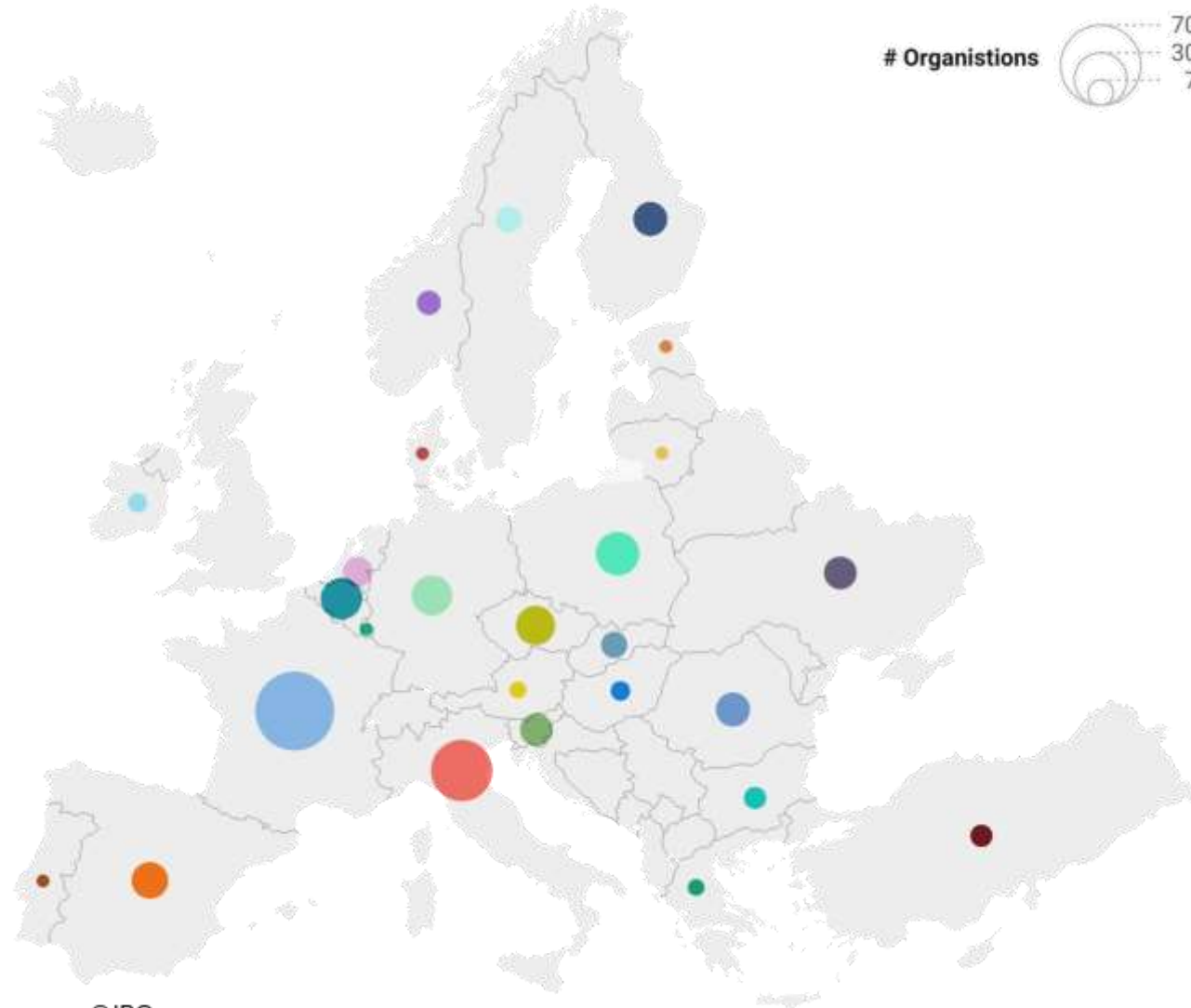
European IA on SMRs Membership



[Country distribution, Members]



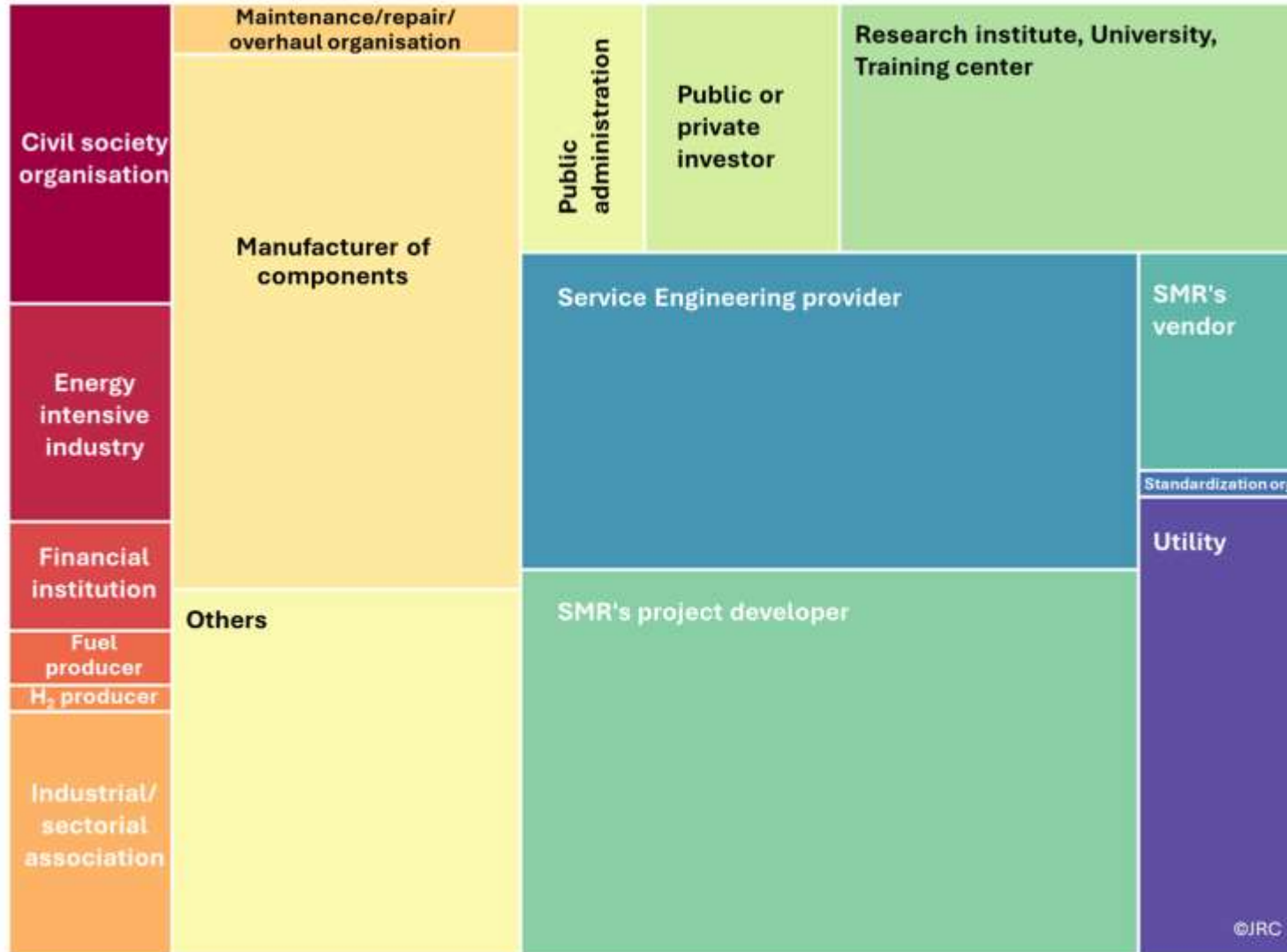
Organisations



277

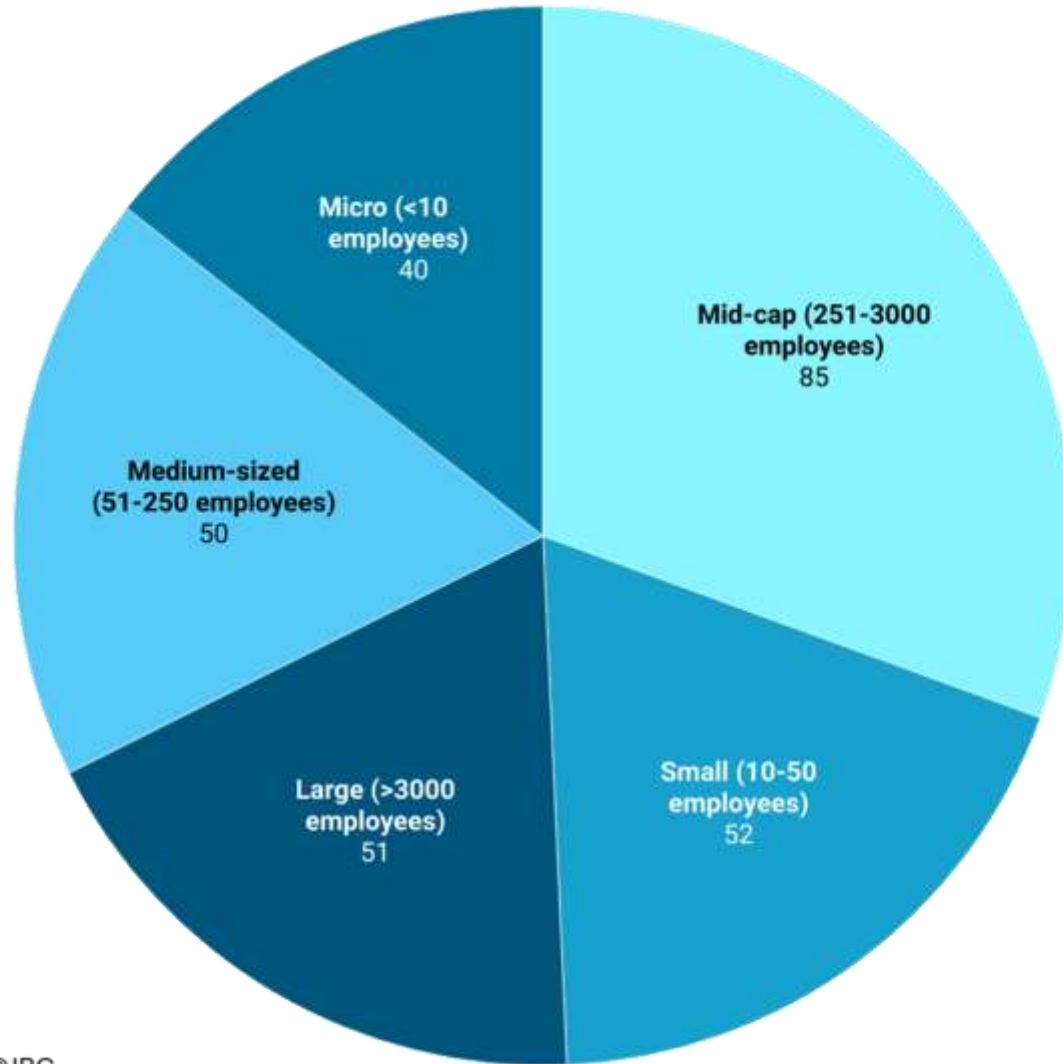
1st call for members 12 April 2024

European IA on SMRs Membership



Type of Organisation

European IA on SMRs Membership



Size of Organisation

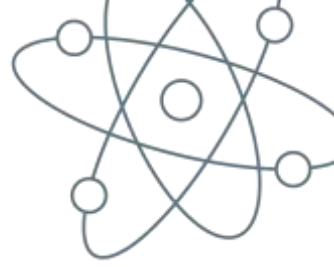
5 Technologies



LW-SMR, AMR

25 Designs

European IA on SMRs – Principles



All together

SMR industry, SMR users,
financial institutions, NGOs
and civil society, public
authorities

**Diversity &
inclusiveness**

Openness

eligible **parties actively
contribute** to its objectives

sign the **Declaration** of the
Alliance

continuous **membership
review process**

European Industrial
Alliance on **SMALL
MODULAR REACTORS**

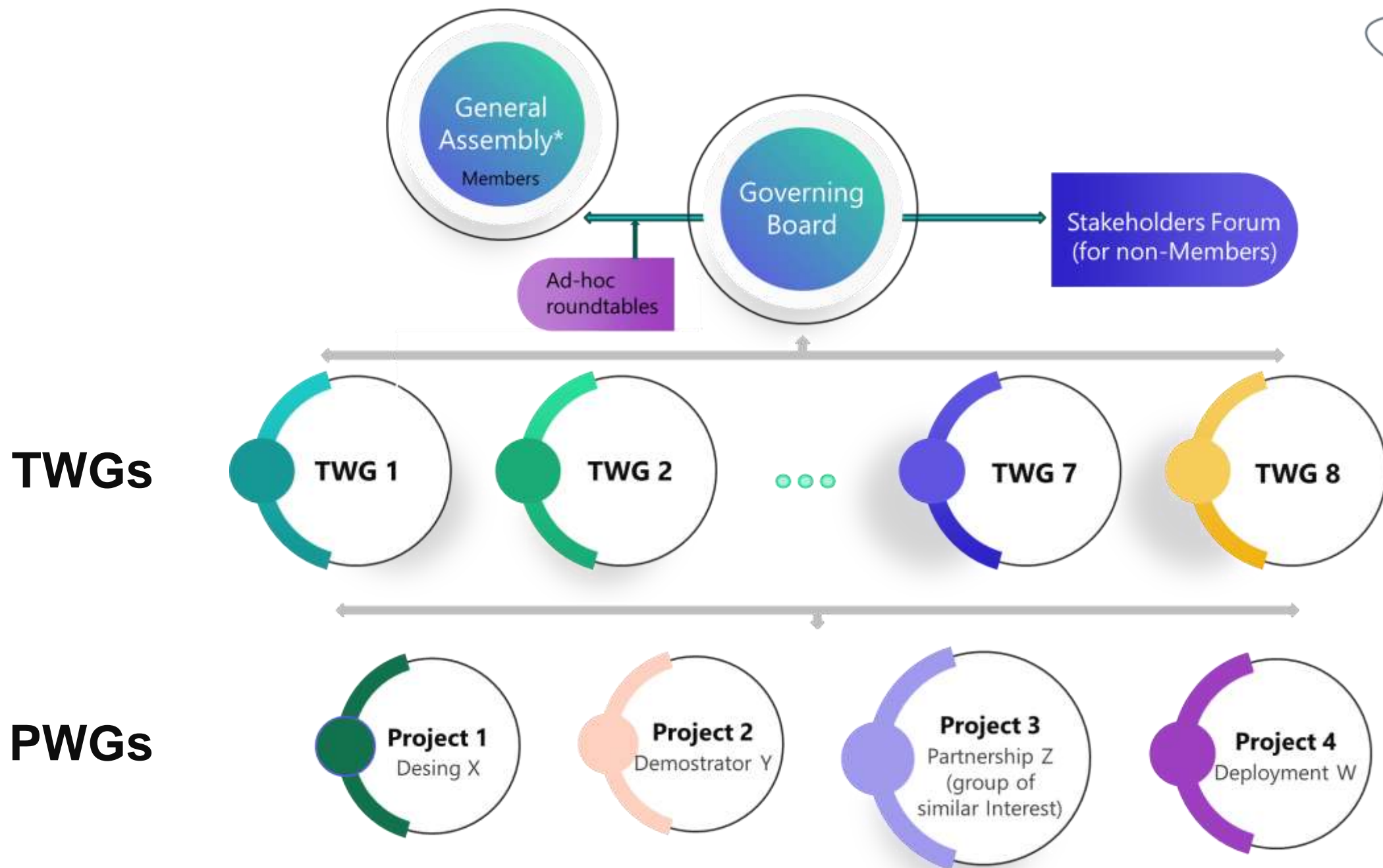
Transparency

dedicated **website**

output documents and
relevant information



The Alliance will not offer funding to members
or potential SMR projects



* The three Commissioners for Energy, for Internal Market, and for Innovation, Research, Culture, Education and Youth will co-chair the General Assembly

European IA on SMRs – Working methods



groups dedicated to **policy reflection and action** in several **key areas** where additional efforts are required (research, finance, supply chain,...)



nourished by projects' **feedback** experience



disseminate best practices across projects.



directly interact with EU & National **decision-makers**



TWGs

PWGs

will be **assisted** under the SMR Alliance



will gather interested stakeholders through **specific agreements**



depending on project nature & objectives: could fall under different categories (**IPCEIs, PPP, SRIA**, etc.,)



will run under strict **commercial protection / non-disclosure agreements**



possibility of forming **project partnerships** that will bring together technologically similar projects



European IA on SMRs – TWGs



June 2024
October 2024

TWG1: Industrial Applications

Chair: N.Regga (CEFIC)
Vice Chair: A.Georgescu (Eurometaux)



TWG2: Technology and R&D&I

Chair: P.Baeten (SCK-CEN)
Vice Chair: M.Pasquet (Framatome)



TWG3: Supply Chain

Chair: V. Ramany (EDF)
Vice Chair: M.Tacconelli (Walter Tosto)



TWG4: Skills

Chair: M.E. Ricotti (POLIMI, CIRTEN)
Vice chair: O. Bard (GIFEN).



TWG5: Public Engagement

Chair: : M. Martell (GMF)
Vice Chair: TBD



TWG6: Nuclear Safety & Safeguard

Chair: O.Kymäläinen (FORTUM)
Vice Chair: R.Urjan (Nuclearelectrica)



TWG7: Fuel cycle & waste management

Chair: H.Baars (URENCO)
Vice Chair: T.Louvet (ORANO)



TWG8: Financing

Chair: M.Jedlička (ČEZ)
Vice Chair: C.Töpfer (Vattenfall)



European IA on SMRs – Potential PWGs*



Large LWR-SMRs

* support from a few alliance members

NUWARD
BWRX-300
Rolls Royce SMR
NUSCALE
Others*: HOLTEC SMR,
KEPCO ISMR, WESTINGHOUSE
AP 300

Other type of Projects

Other type of Projects

Projects could be also organised around the **development of the fuel cycle for AMRs** or around the development of specific research, **demonstration facilities for AMRs**

District heating LWR-SMRs

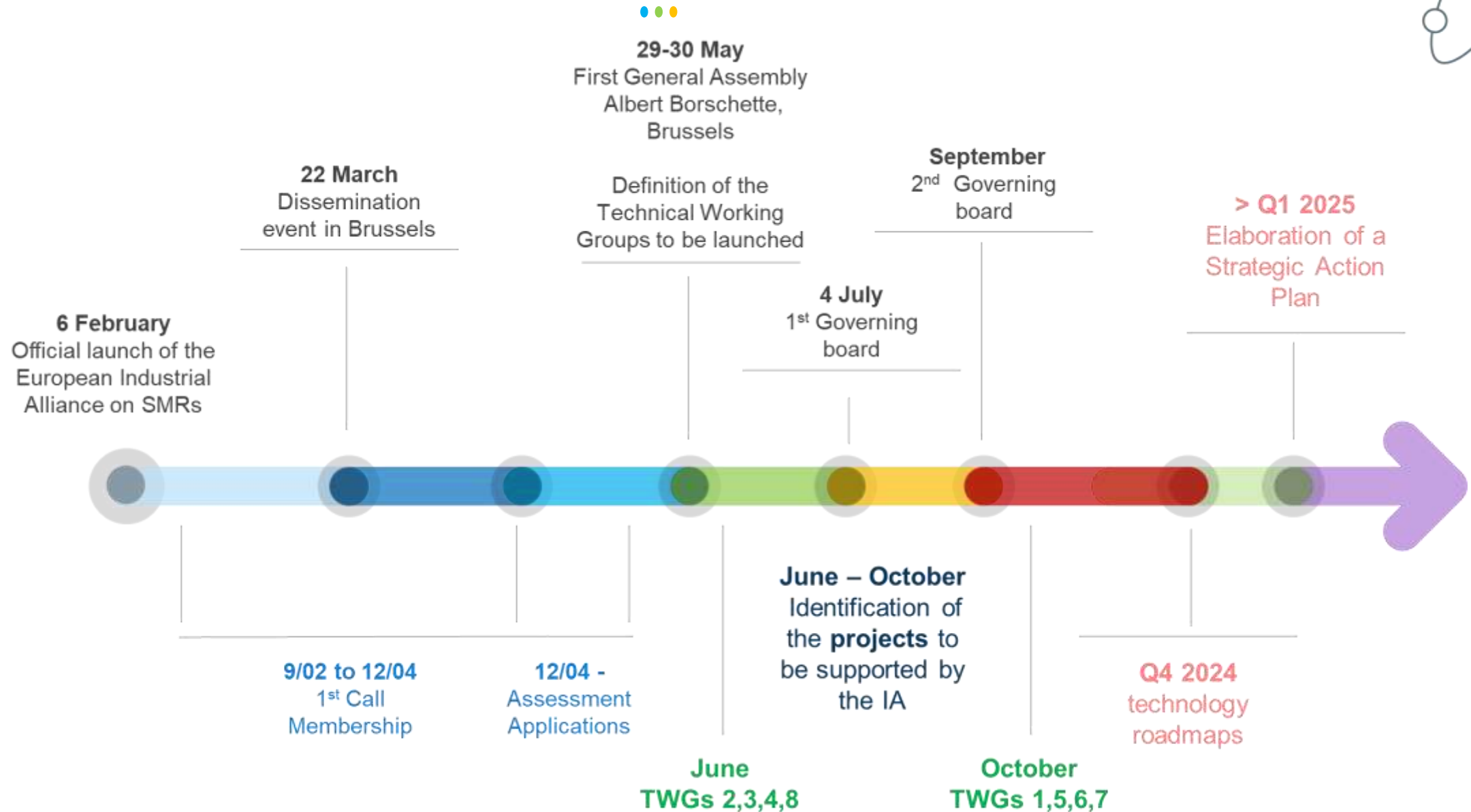
LDR 50
Calogena
Last Energy

LFR SMR, Newcleo (LFR)
NAAREA, Thorizon, STELLARIA,
Copenhagen Atomics, ThorCon
Molten Salt Reactor (MSR)
Jimmy Energy, Blue Capsule,
USNC, HTR POLA (HTGR)
HEXANA, Otrera energy (SFR)
MYRRHA, Transmutex
(accelerator driven)

GEN IV AMRs

- From applications (TBD by GB, Sep 2024)

Indicative Timeline



European IA on SMRs General Assembly



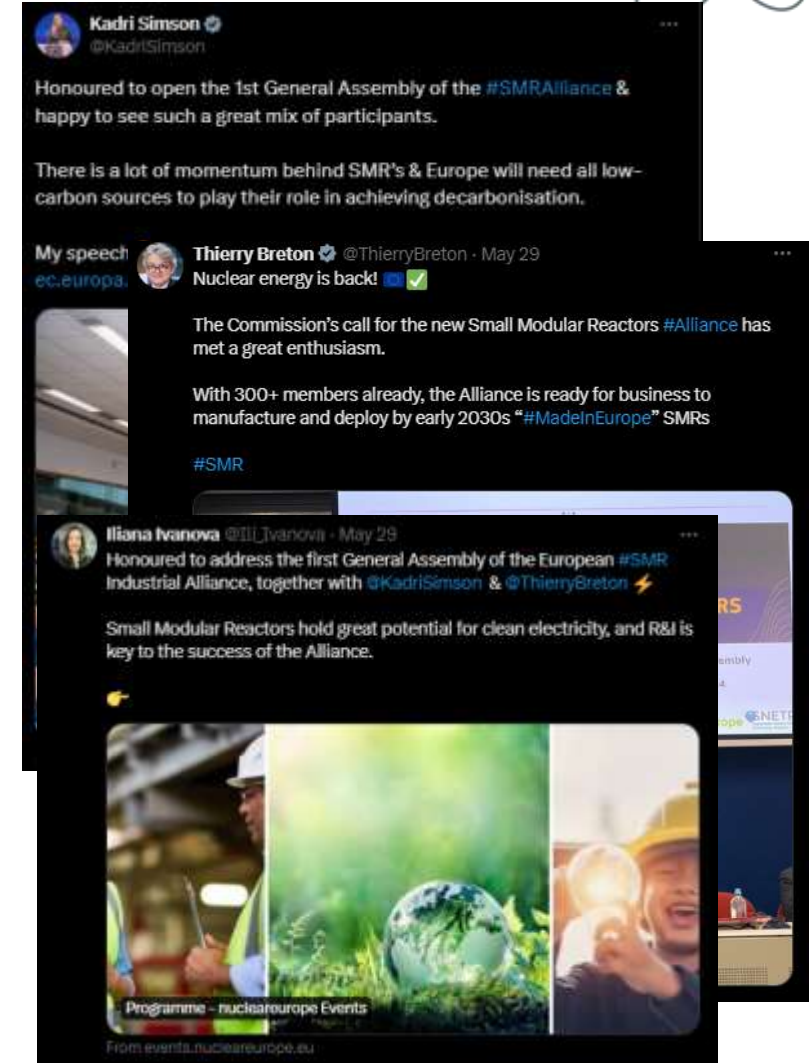
Brussels, May 29 – 30, 2024



SCAN ME

240

140



QUESTIONS ?

European Industrial Alliance on **SMALL MODULAR REACTORS**

Find out more



Contact us: grow-EU-SMRS-ALLIANCE@ec.europa.eu

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A large, realistic-looking globe of the Earth is positioned on the right side of the frame, resting on a dark wooden surface. The globe is illuminated from the left, creating a bright glow and a lens flare effect. The background is a soft, out-of-focus sunset or sunrise over a body of water, with warm orange and yellow light transitioning into a deep blue sky. The overall mood is serene and global.

**THE VOICE OF THE EUROPEAN NUCLEAR
INDUSTRY**