



European Industrial Alliance on **SMALL MODULAR REACTORS**

**Andrei Goicea - nucleareurope
Tandem Conference
2 July 2025 - Bruxelles**

European IA on SMRs – Objectives



Main Objective

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

Specific Objective I

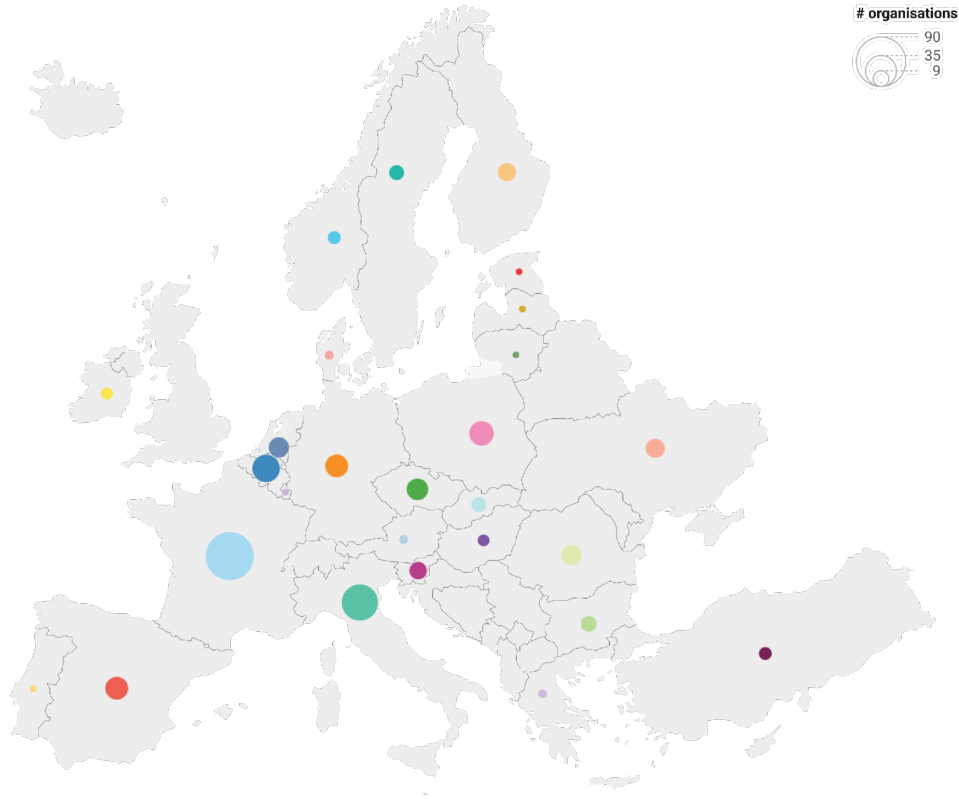
Provide **customised support** to all SMR projects deemed eligible for support under the Alliance

Specific Objective II

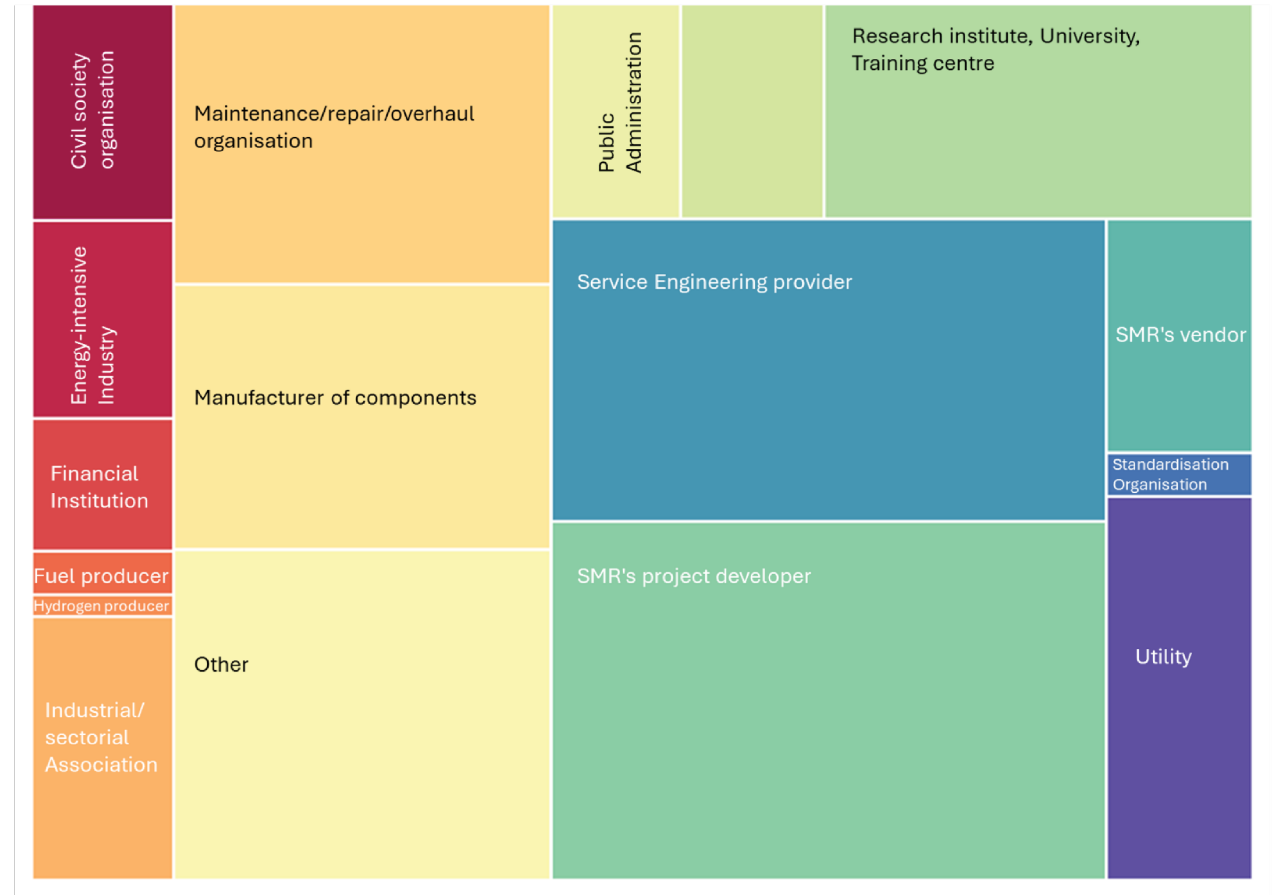
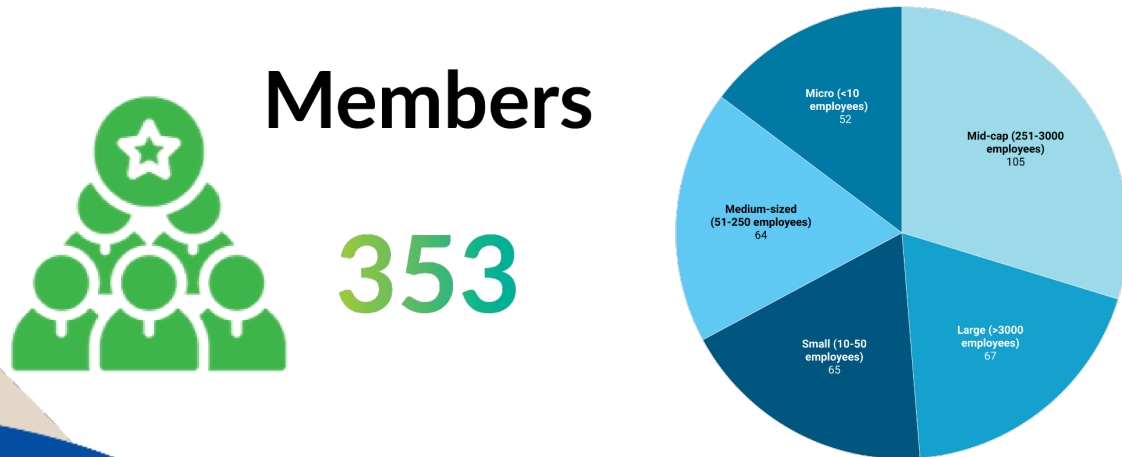
Enabling conditions to ensure the further deployment, operation, and maintenance of SMRs in the **medium and long term**.

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

[Country distribution, members] (June 2025)



[Size of Organisation] (June 2025)



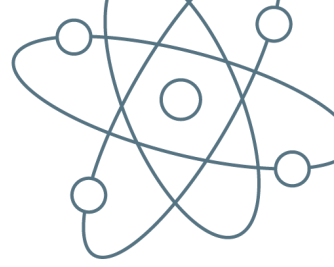
5 Technologies



LW-SMR, AMR



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

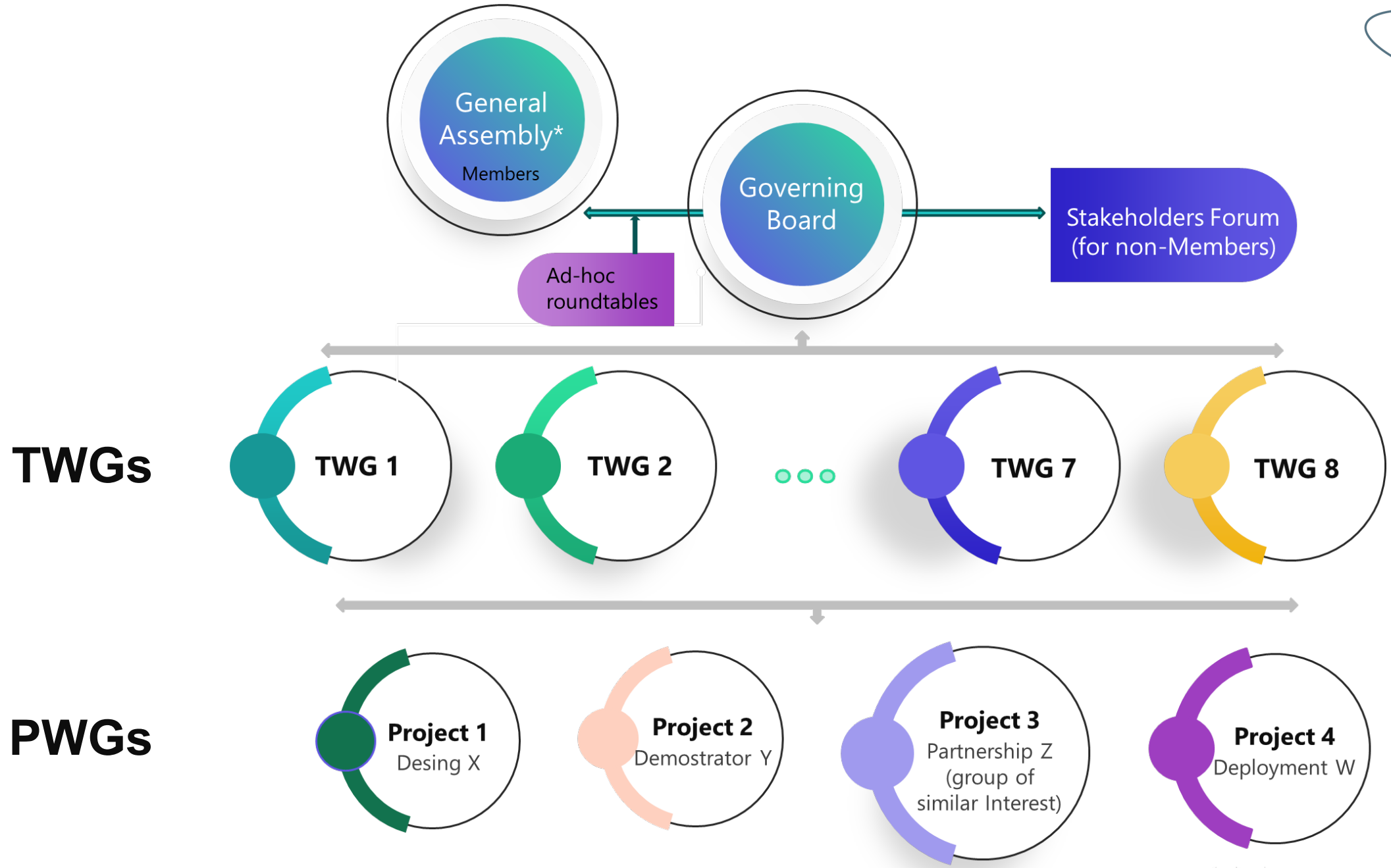
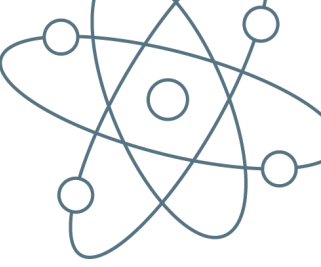
dedicated **website**

output documents and
relevant information



SCAN ME

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

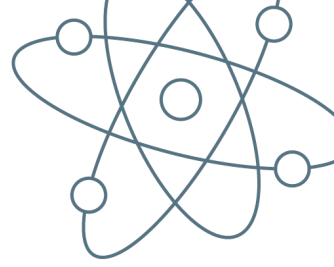


TWGs

PWGs

* The three Commissioners for Prosperity & Industrial Strategy, Energy & Housing and Startups, Research & Innovation 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.,)

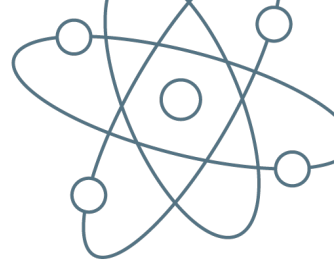


will run under strict **commercial protection / non-disclosure agreements**



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

European IA on SMRs – TWGs



TWG1: Industrial Applications

Chair: N.Regá (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).



June 2024
October 2024



TWG5: Public Engagement

Chair: M. Martell (GMF)
Vice Chair: M. Ilnicki (SGE)



TWG6: Nuclear Safety & Safeguard

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



TWG7: Fuel cycle & waste management

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



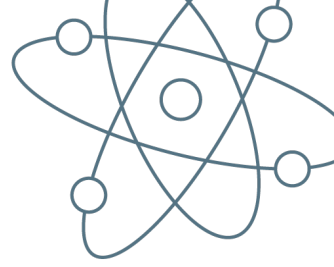
TWG8: Financing

Chair: M.Jedlička (ČEZ)
Vice Chair: K. Abramovič (GEN energija)



European IA on SMRs

1st batch PWGs*



ansaldo | nucleare **ENEA**

RA TEN sck: cen
REGIA AUTONOMA
TECNOLOGII pentru ENERGIA NUCLEARA

 **THORIZON**

 **CALOGENA**

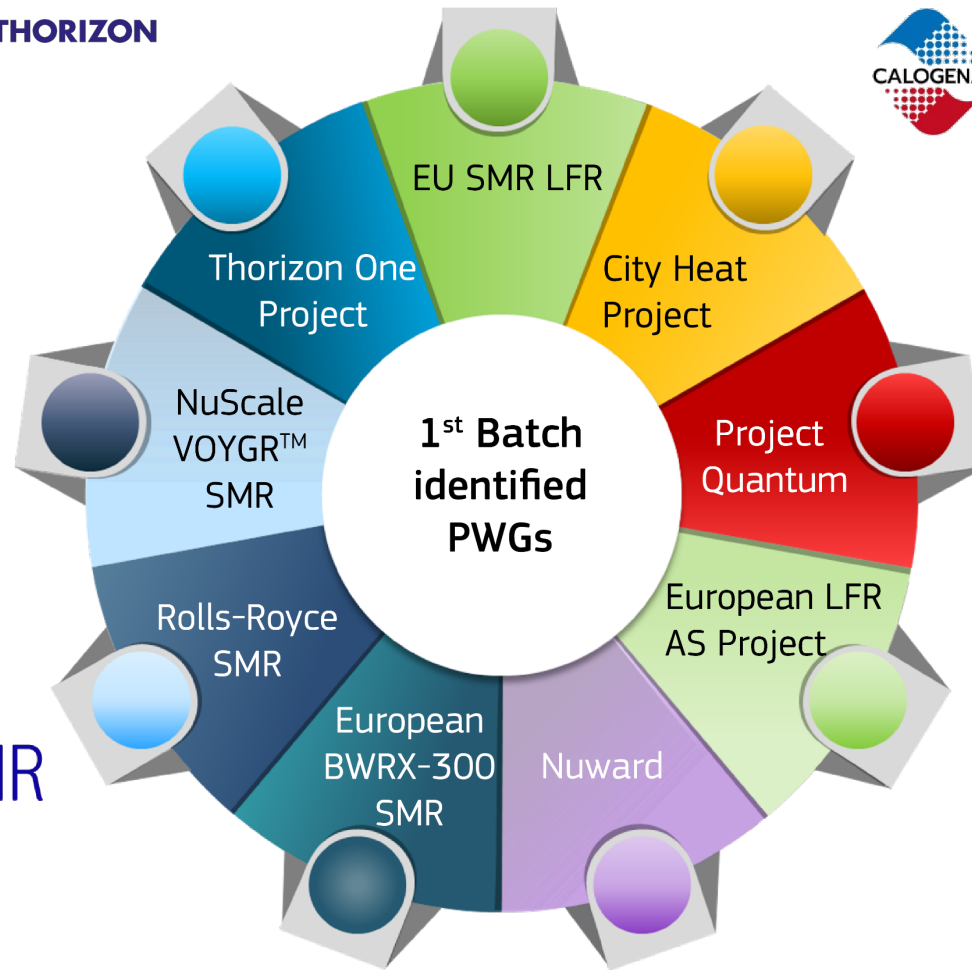
 **Steady Energy**

 **RoPower**

 **LAST ENERGY**

 **SMR**

 **newcleo**
Futurable Energy



*Announced on 11 October 2024
<https://ec.europa.eu/docsroom/documents/62274>

OSGE | ORLEN SYNTHOS
GREEN ENERGY

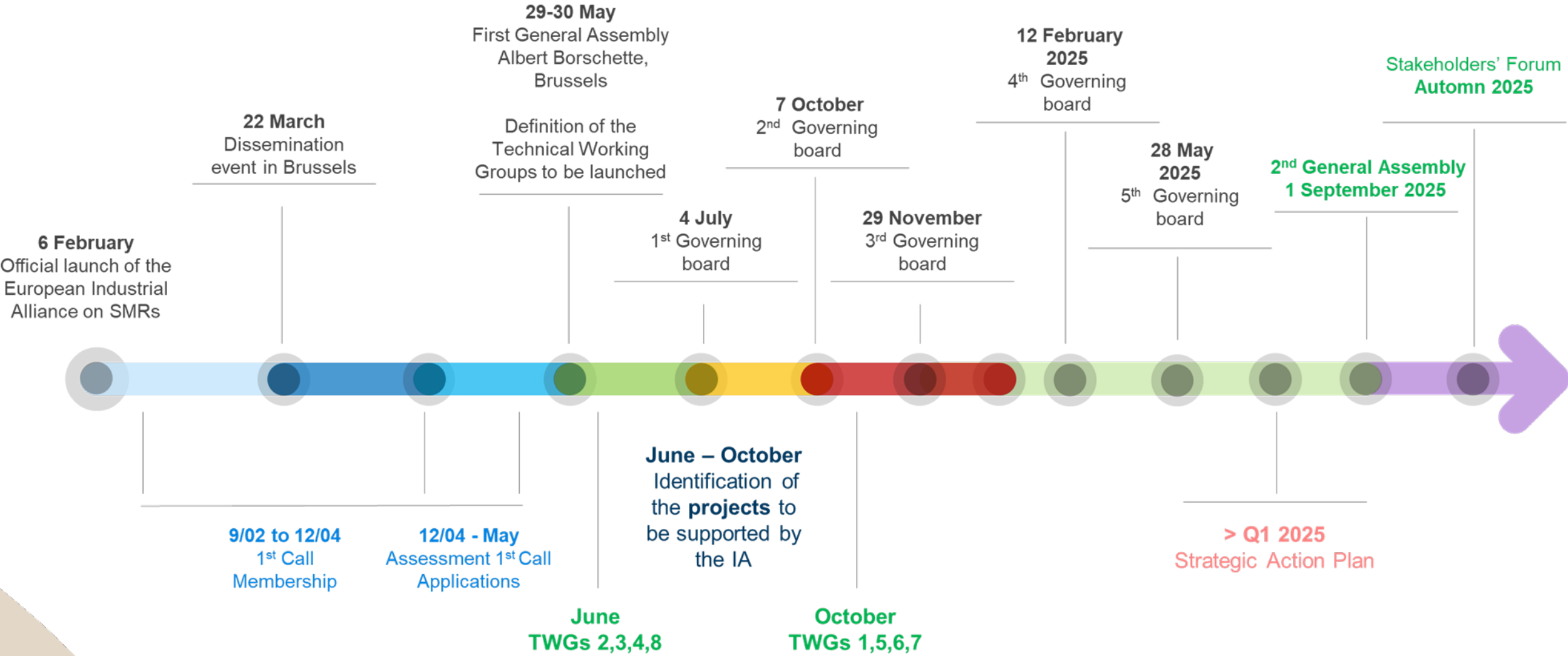
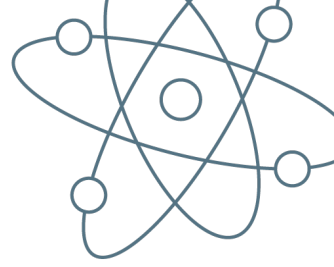
 **nuward**
EDF GROUP



 **nucleareurope**

 **SNETP**
Sustainable Nuclear Energy
Technology Platform

Indicative Timeline



European IA on SMRs General Assembly



Brussels, May 29 – 30, 2024



SCAN ME

240

140

Kadri Simson @KadriSimson
Honoured to open the 1st General Assembly of the #SMRAlliance & happy to see such a great mix of participants.

There is a lot of momentum behind SMR's & Europe will need all low-carbon sources to play their role in achieving decarbonisation.

My speech **Thierry Breton** @ThierryBreton · May 29
ec.europa. Nuclear energy is back! 🇪🇺✅

The Commission's call for the new Small Modular Reactors #Alliance has met a great enthusiasm.

With 300+ members already, the Alliance is ready for business to manufacture and deploy by early 2030s "MadeInEurope" SMRs

#SMR

Iliana Ivanova @IliIvanova · May 29
Honoured to address the first General Assembly of the European #SMR Industrial Alliance, together with @KadriSimson & @ThierryBreton ⚡

Small Modular Reactors hold great potential for clean electricity, and R&I is key to the success of the Alliance.

Programme – nucleareurope Events
From events.nucleareurope.eu

QUESTIONS ?

European Industrial Alliance on **SMALL MODULAR REACTORS**

Find out more



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

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