



European Industrial Alliance on **SMALL MODULAR REACTORS**

**General Presentation
September 2025**



EU Energy & Industrial Policies



EU Climate Neutrality Objective

The EU sets a goal to achieve climate neutrality by 2050.



REPowerEU Roadmap

A strategy to phase out Russian oil and gas, restrict nuclear materials imports, and accelerate the clean energy transition.



Competitiveness Compass

A roadmap to revitalise Europe's economic dynamism and foster sustainable growth



Clean Industrial Deal

An initiative to support the reduction of carbon emissions in energy-intensive sectors



Affordable Energy Action Plan

A plan to lower energy prices and reduce overall energy costs



EU Start-up & Scale-up Strategy

A strategy to promote innovation-friendly regulation and enhance access to finance.



Amendment to EU Climate Law

A proposal to establish a 2040 target to reduce net greenhouse CO₂ emissions by 90%.



Net-Zero Industry Act

A legislative tool to strengthen and revitalise the nuclear supply chain



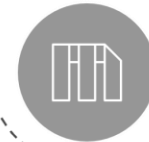
Nuclear Illustrative Programme (PINC)

A comprehensive overview of nuclear energy investments across the EU.

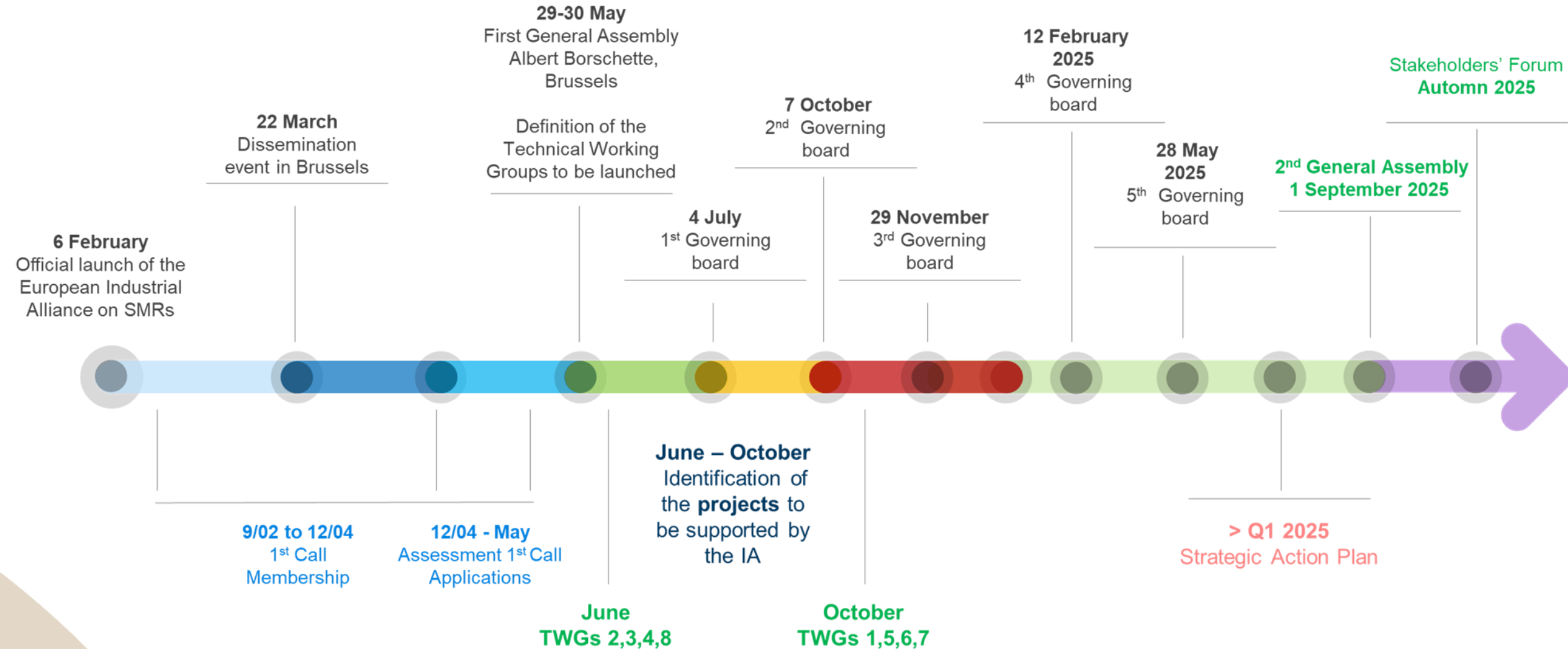


SMRs Strategy

A strategy expected to be adopted in 2026 to promote small modular reactors



Indicative Timeline



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 SMRs projects in Europe in the early 2030s.

Specific Objective I

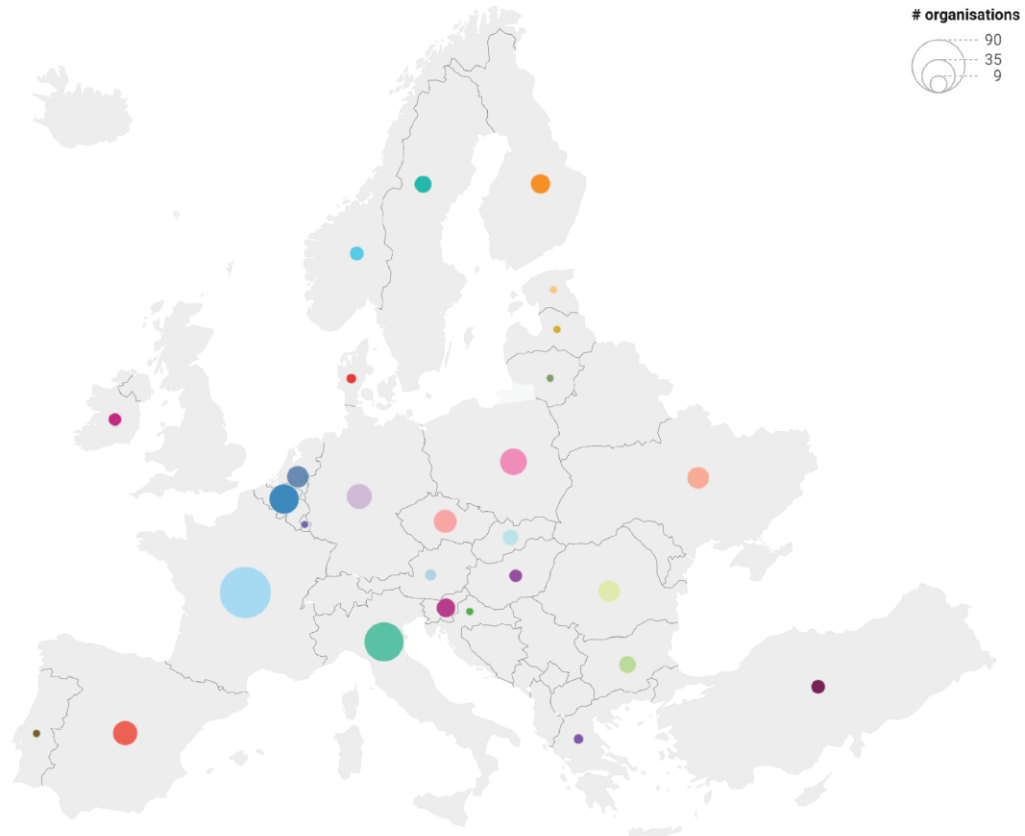
Provide **customised support** to all SMR projects deemed eligible for support under the Alliance

Specific Objective II

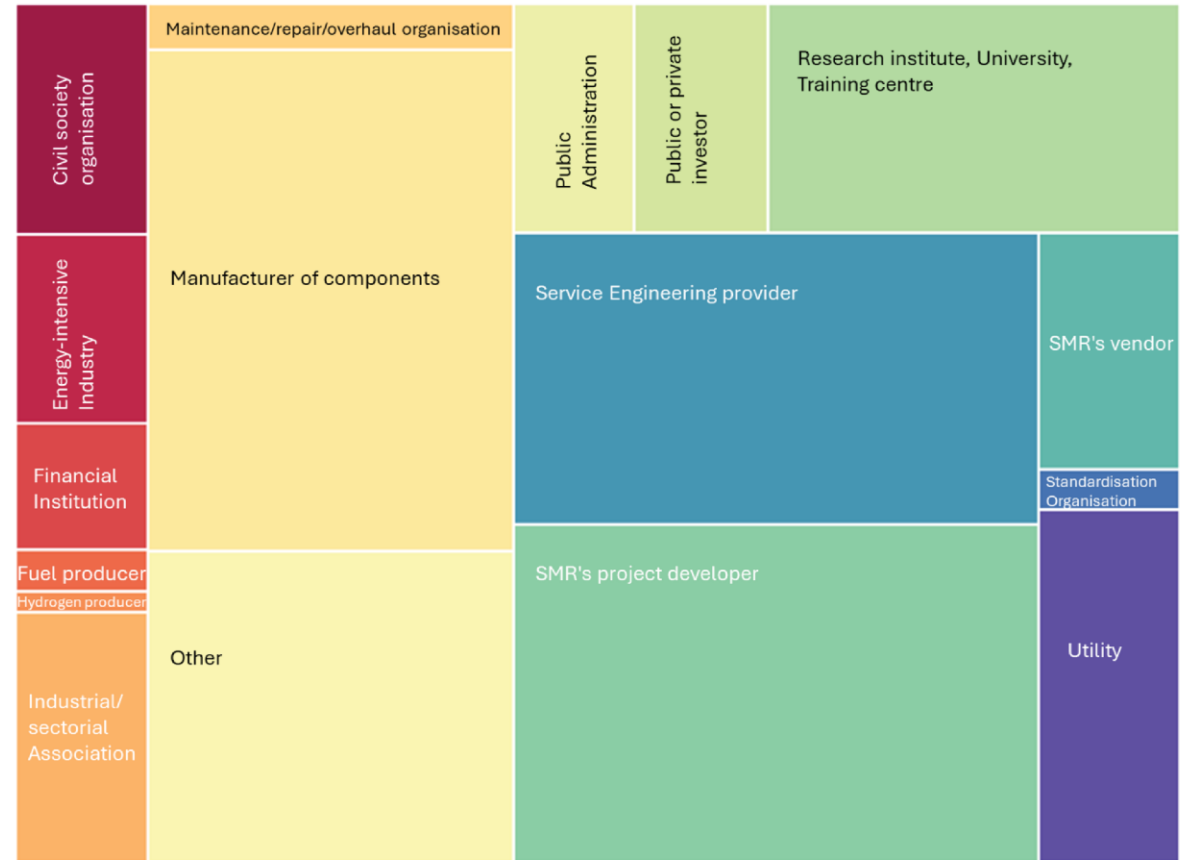
Enabling conditions to ensure the further deployment, operation, and maintenance of SMRs in the **medium and long term**.

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

[Country distribution, members] August 2025

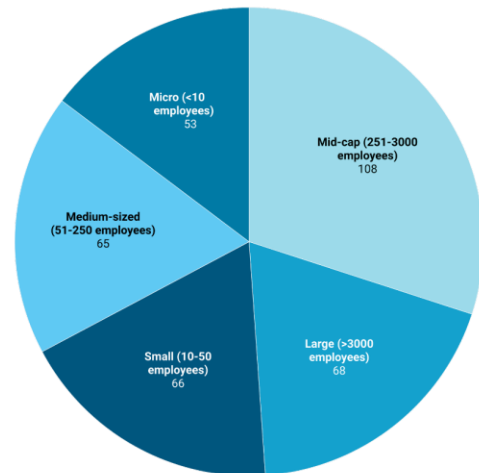


[Size of Organisation] (August 2025)



Members

360



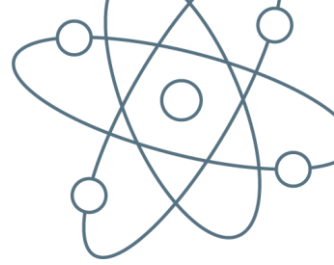
5 Technologies



LW-SMR, AMR

30 Designs

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: A. Jelev (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**

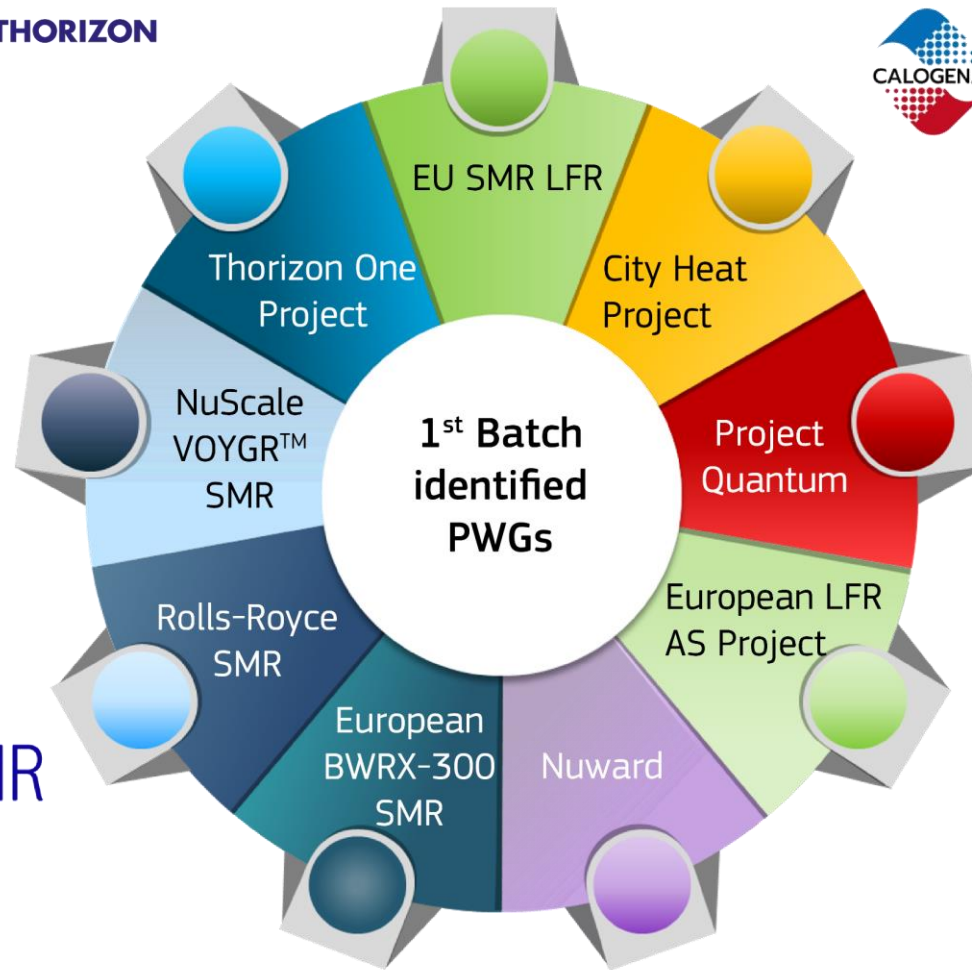
 **Steady Energy**

 **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



Strategic Action Plan 2025 - 2029

European
Industrial
Alliance on
**SMALL
MODULAR
REACTORS**

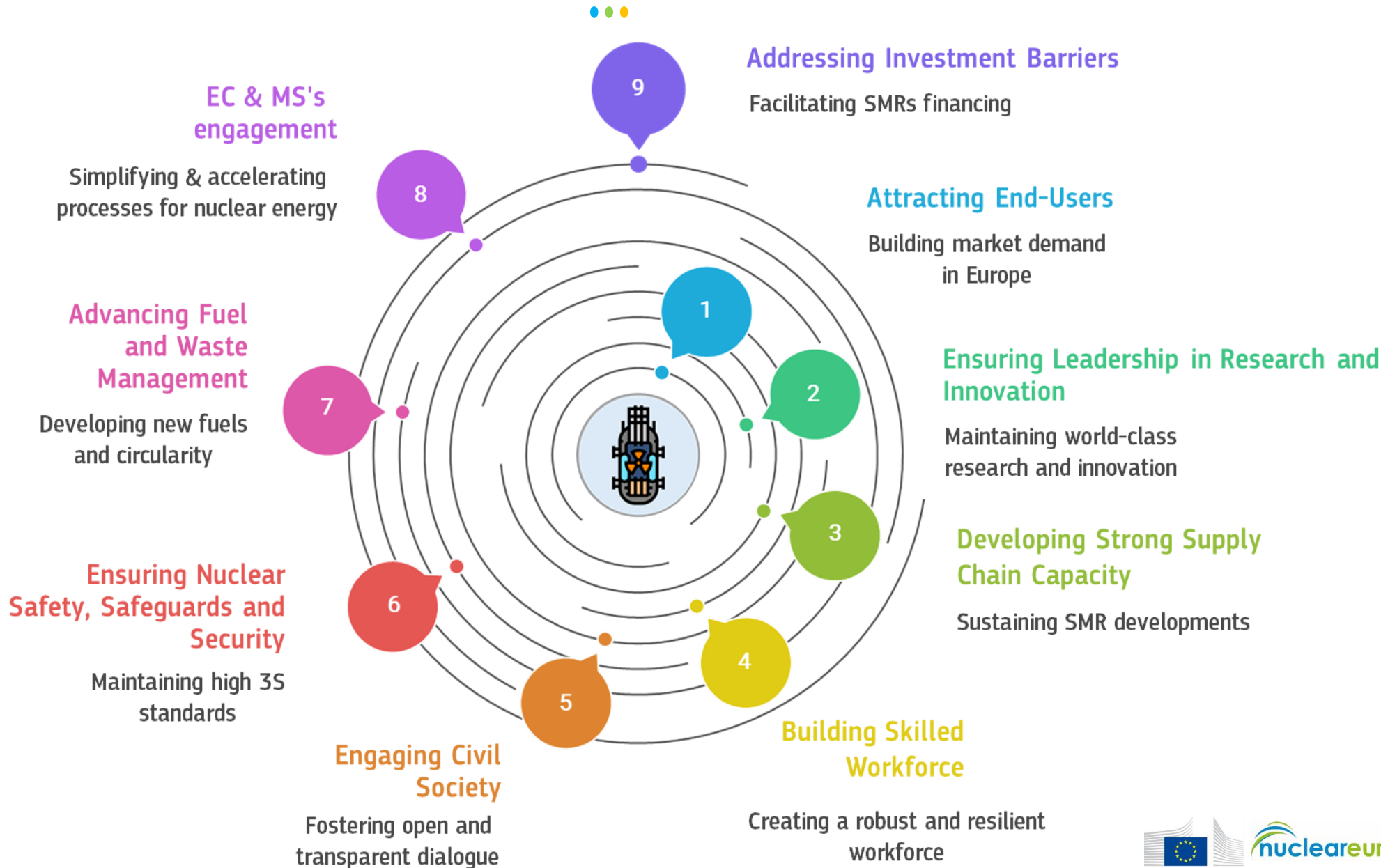
- Published on 12
September 2025



Strategic Action Plan 2025-2029

Towards the development and deployment of SMRs in Europe

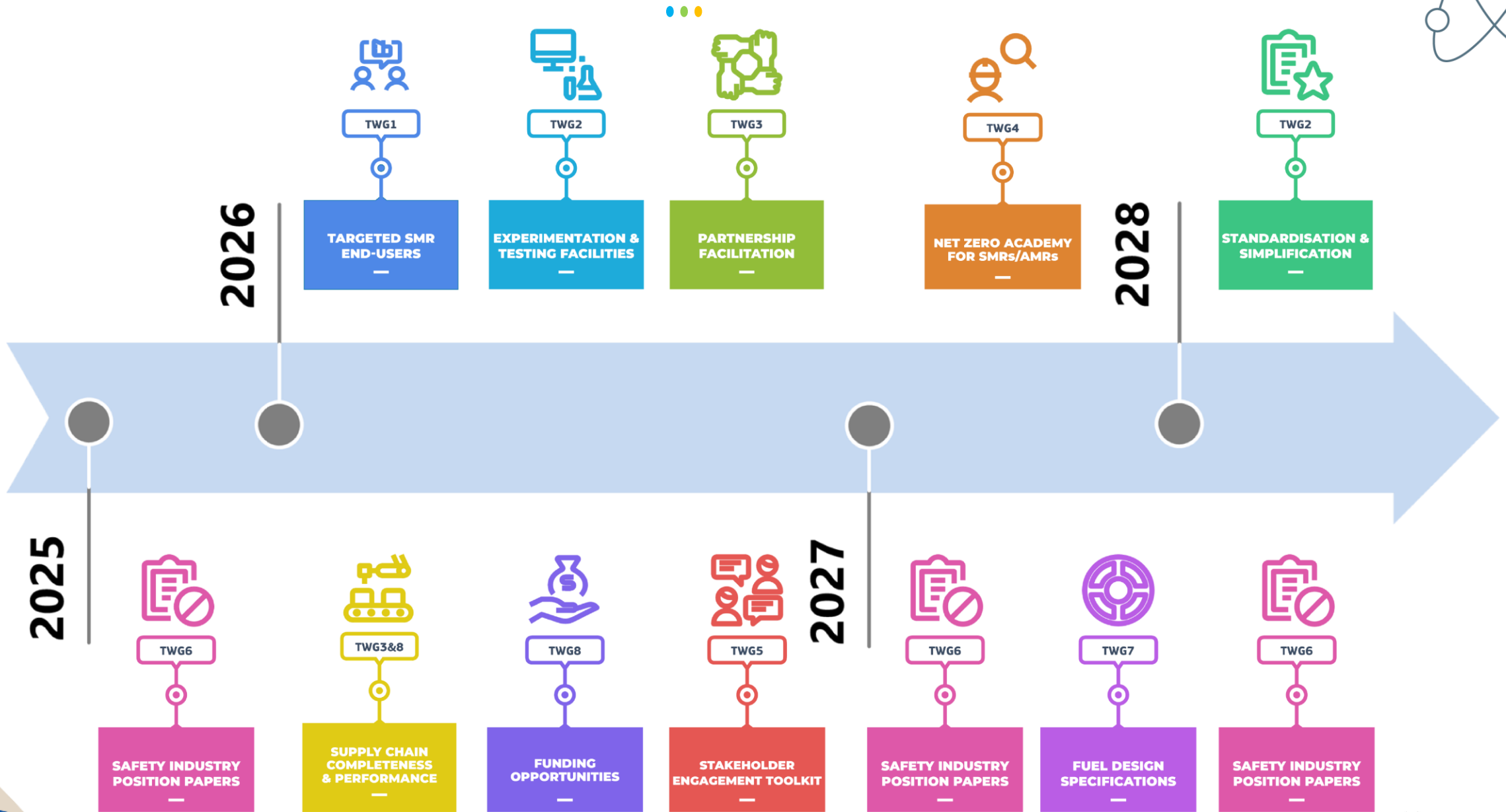
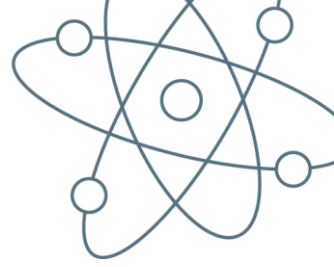
Key Challenges for SMR deployment in the EU



Strategic Action Plan – The Way Forward



Ten Top Actions for the next 3 years



Alliance's 2nd General Assembly

Brussels, 1st September 2025



[Conclusions](#) of the General Assembly

[Presentation and recording of the webstream](#) (only for members)



The 2nd General Assembly outcomes



QUESTIONS ?

European Industrial Alliance on **SMALL MODULAR REACTORS**

Find out more



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

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