NEA
NUCLEAR ENERGY AGENCY

Current Landscape for Small Modular Reactors (SMRs)

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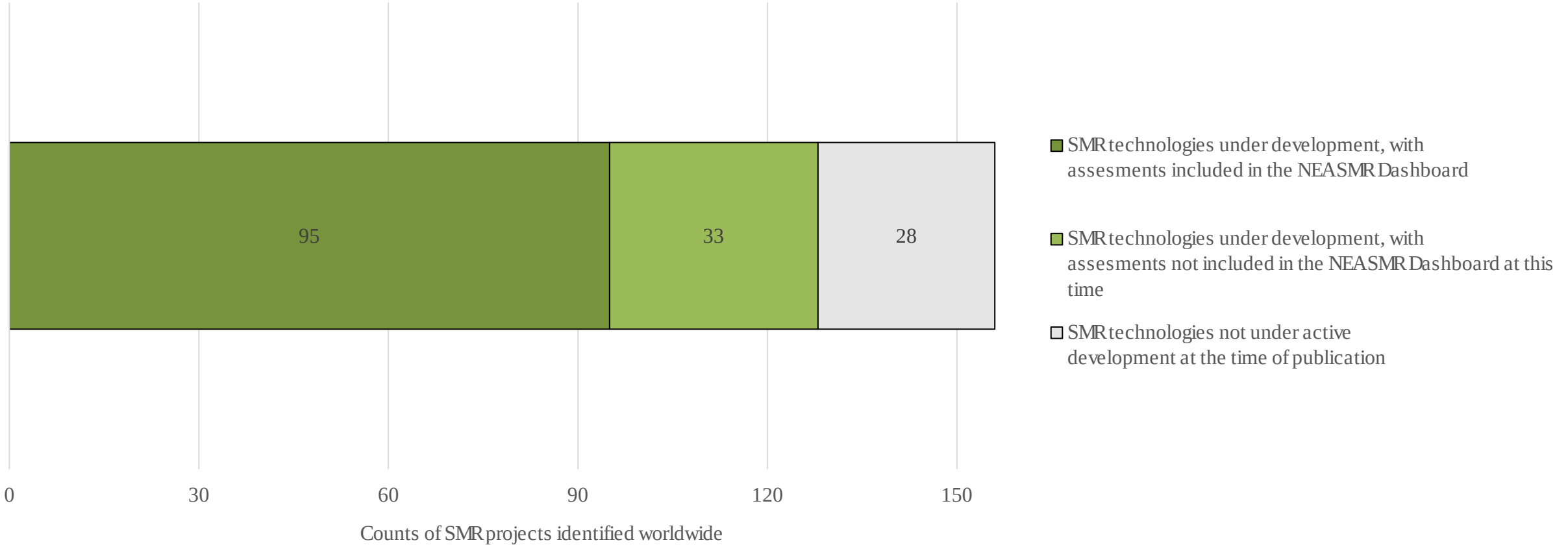
NEA SMR Dashboard

Comprehensive assessment of progress towards SMR commercialisation



From the 156 SMR projects identified around the world in the 4th edition of the SMR Dashboard, around 80 % are under active development.

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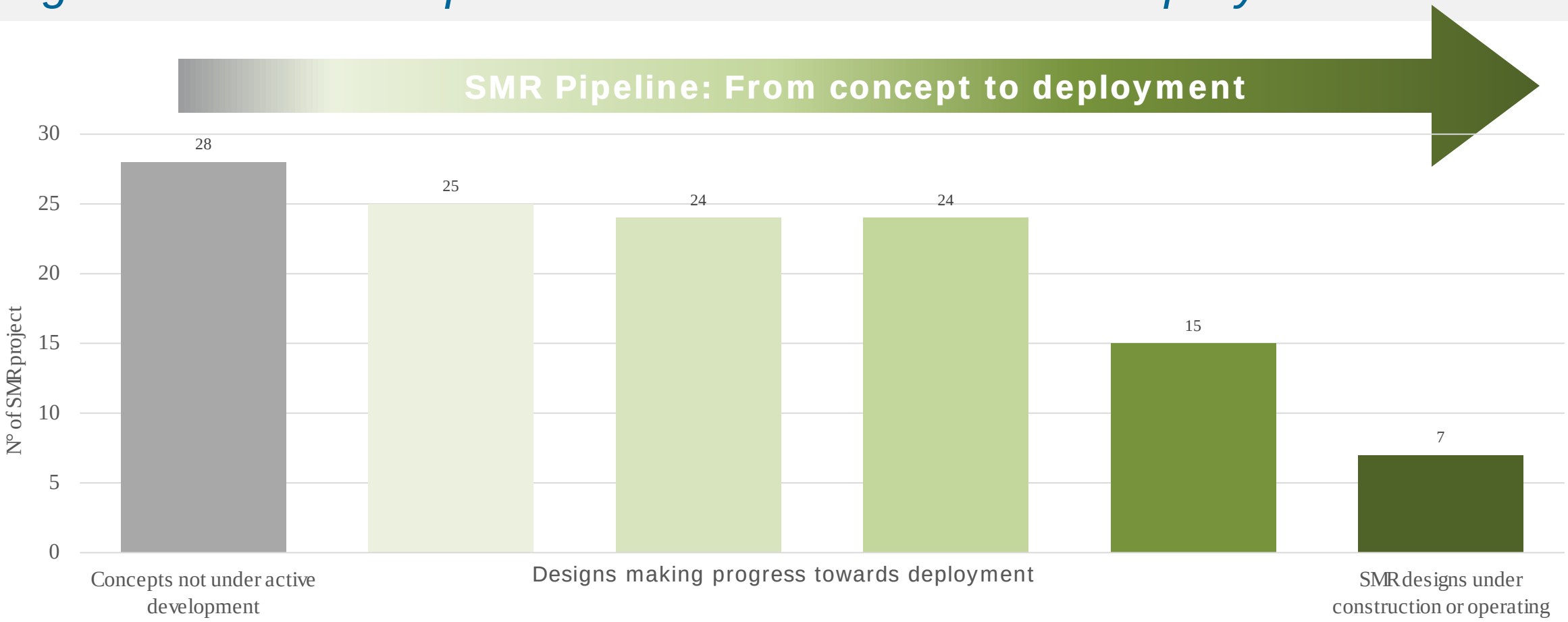
SMR Pipeline

Progress from concept towards first commercial deployment



A few designs are already operating, and there is a robust pipeline of SMRs making progress towards first-of-a-kind deployment.

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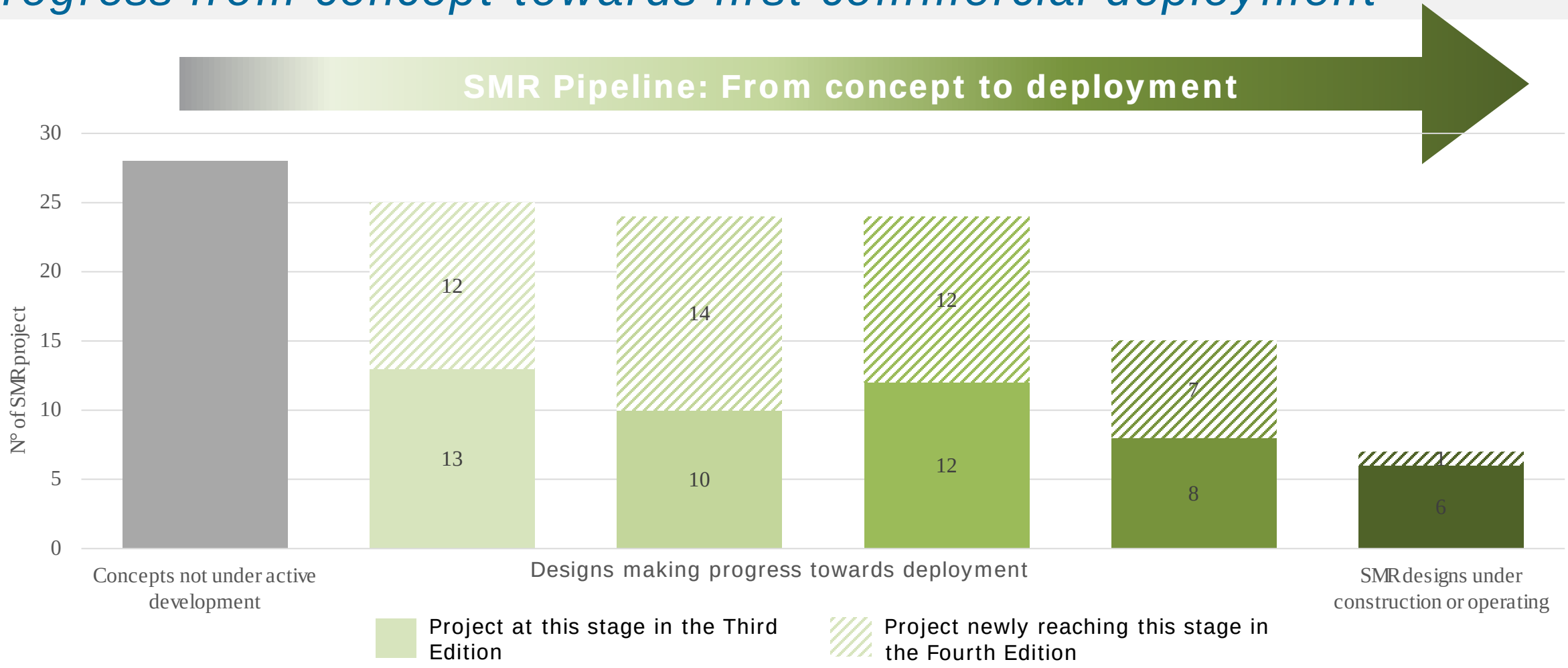
SMR Pipeline

Progress from concept towards first commercial deployment



Nearly half of all SMR designs worldwide progressed towards deployment between the Third and Fourth Editions of the NEA SMR Dashboard.

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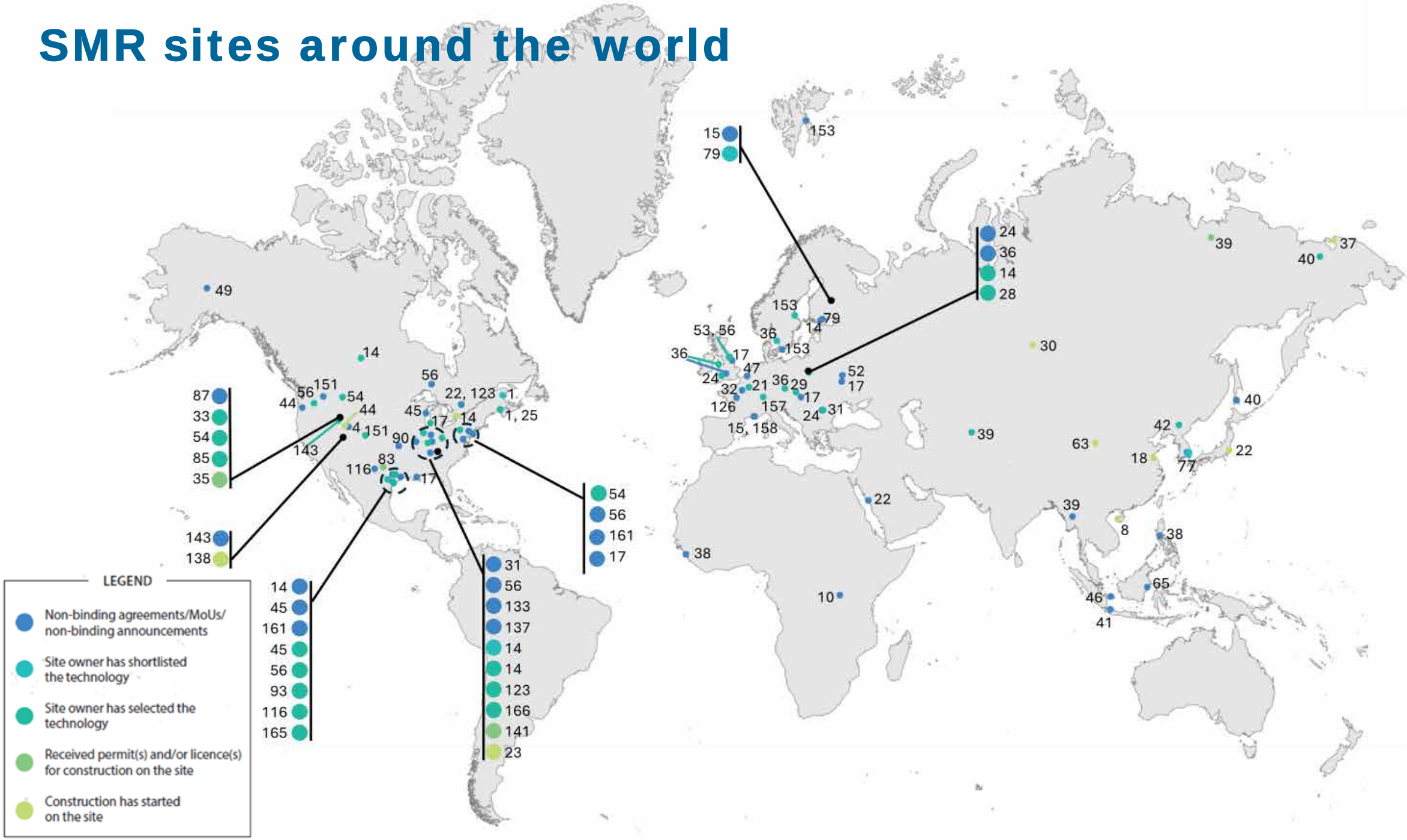
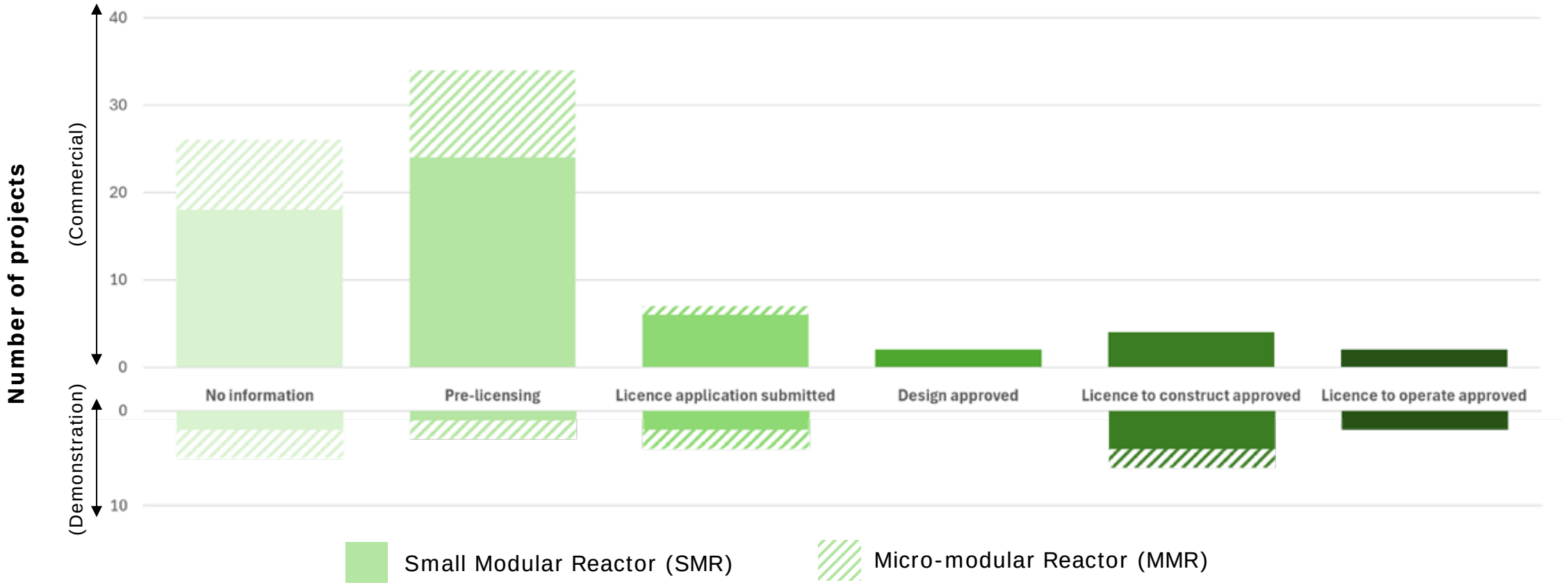
SMR sites around the world



SMR Pipeline

Tracking licensing progress of project ecosystems



- **Commercial and demonstration projects, and SMR and MMR technologies, are supported by different ecosystem requirements.**
- **The importance of ecosystem alignment increases as projects progress from development to deployment.**

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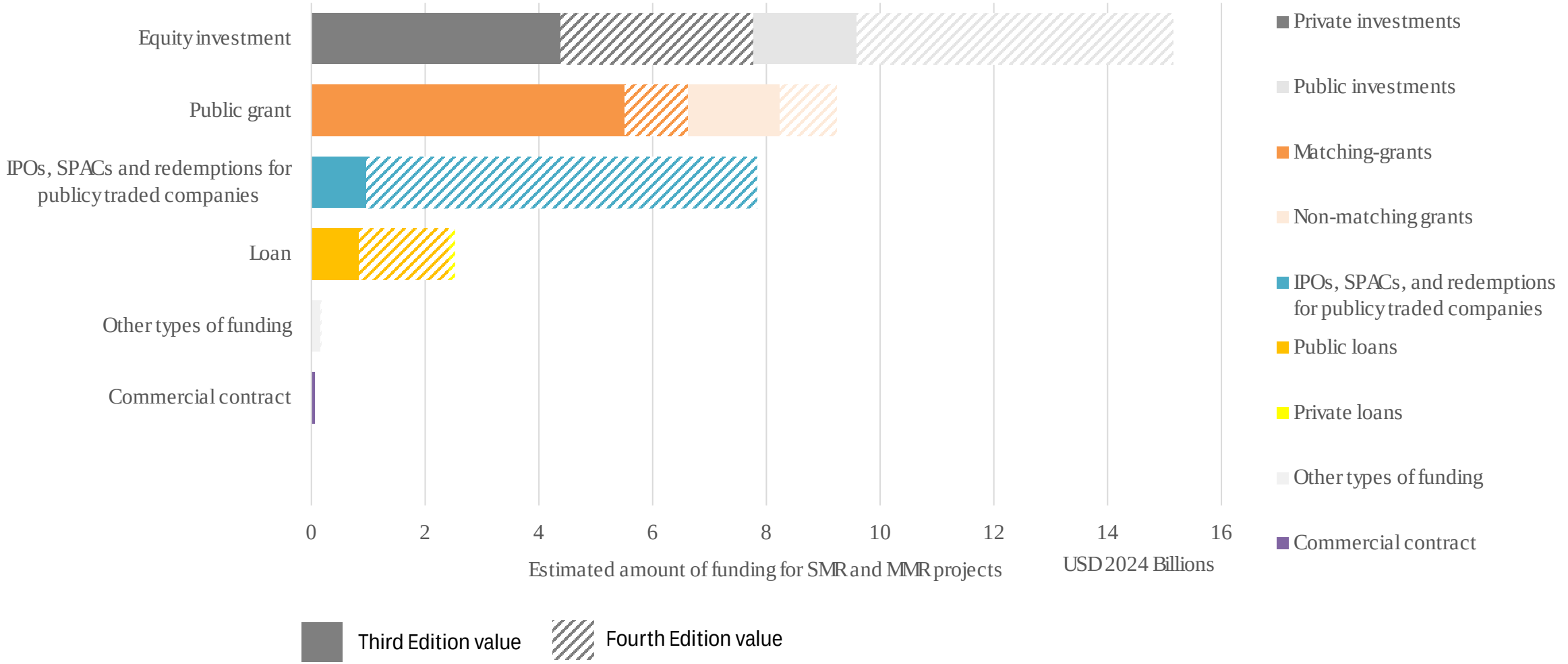
Tracking SMR public and private funding

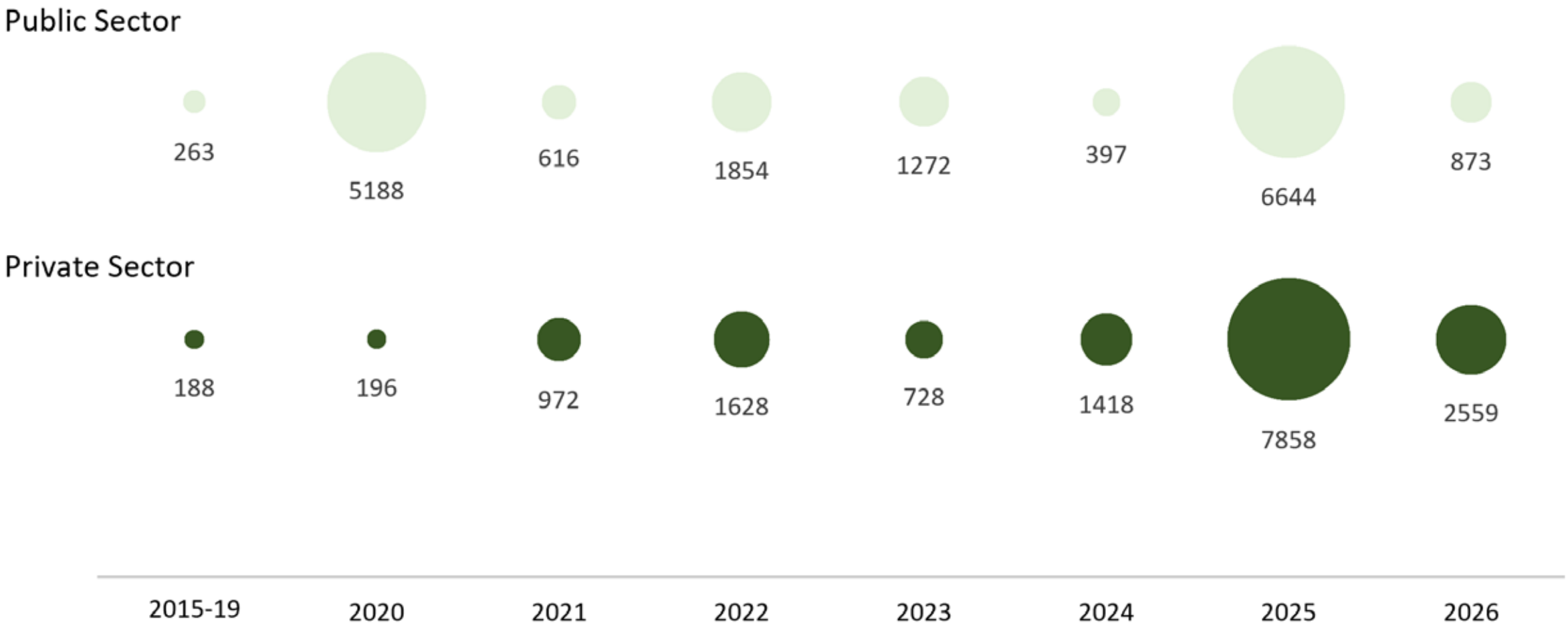
Sources of funding for SMR projects from OECD countries



*IPOs: initial public offerings; SPACs: special-purpose acquisition companies.

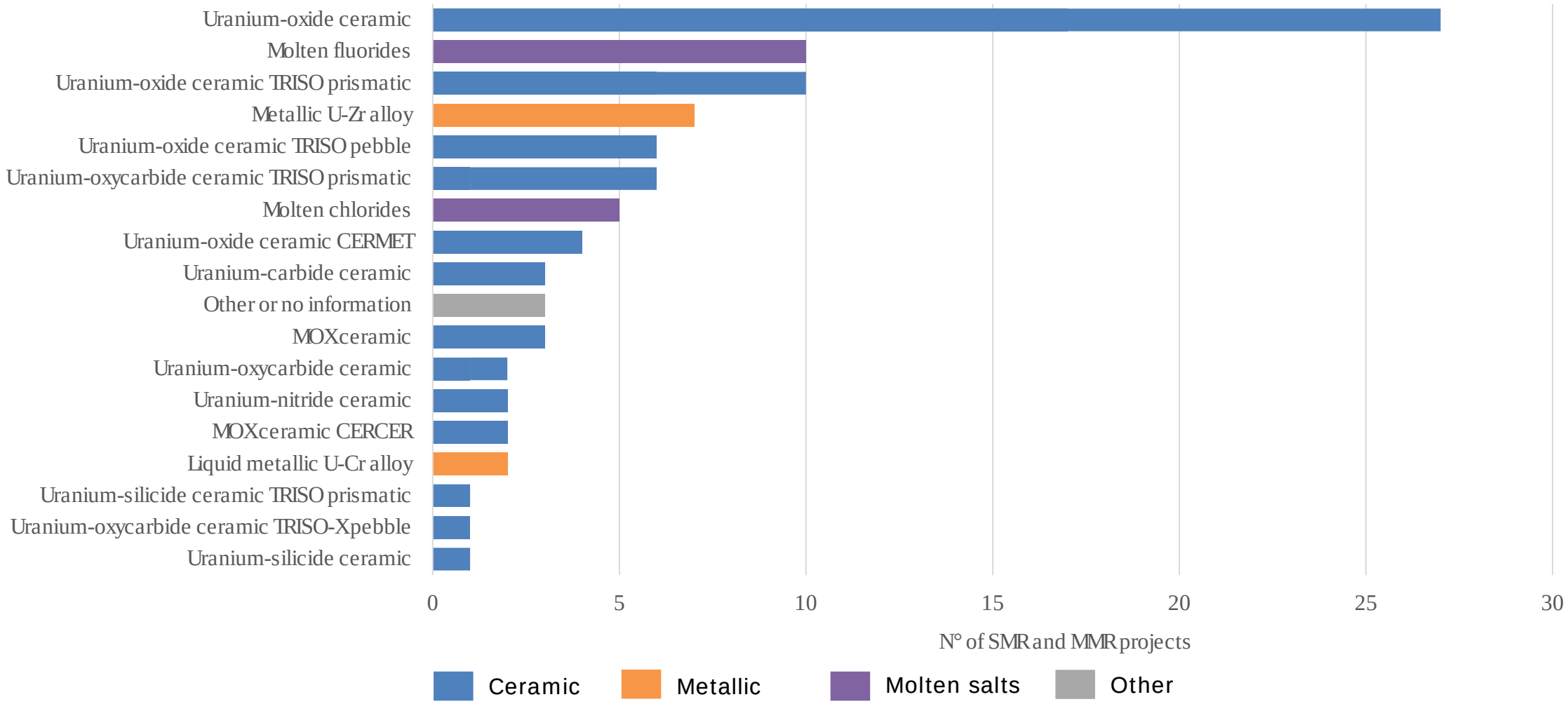
Tracking SMR public and private funding

Trends in investment to SMR projects since 2015 (in million 2024 USD)



Tracking SMR fuels

Aggregate physical-chemical forms and composite fuel architectures



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Tracking SMR fuels

Uranium enrichment requirements

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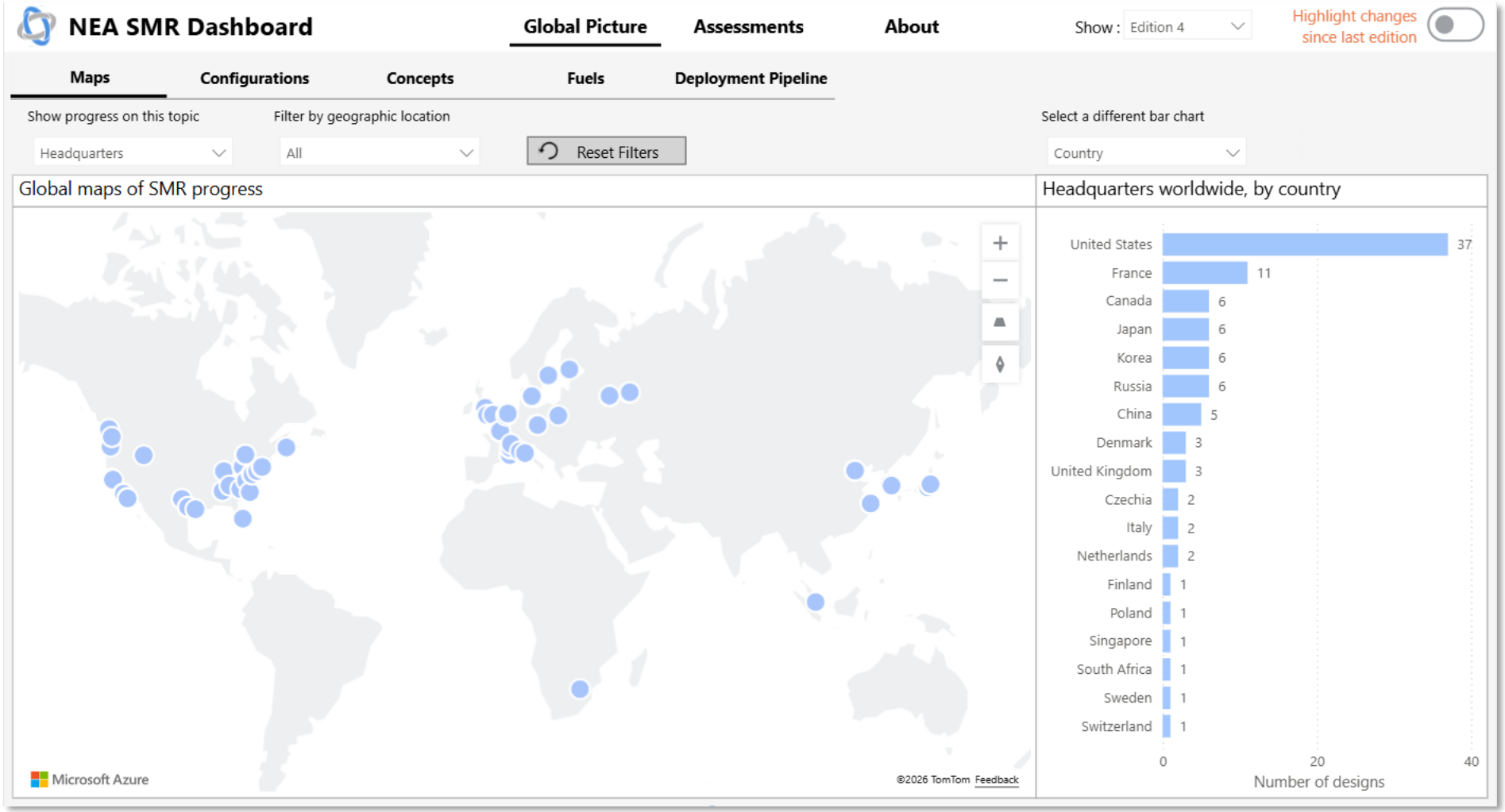
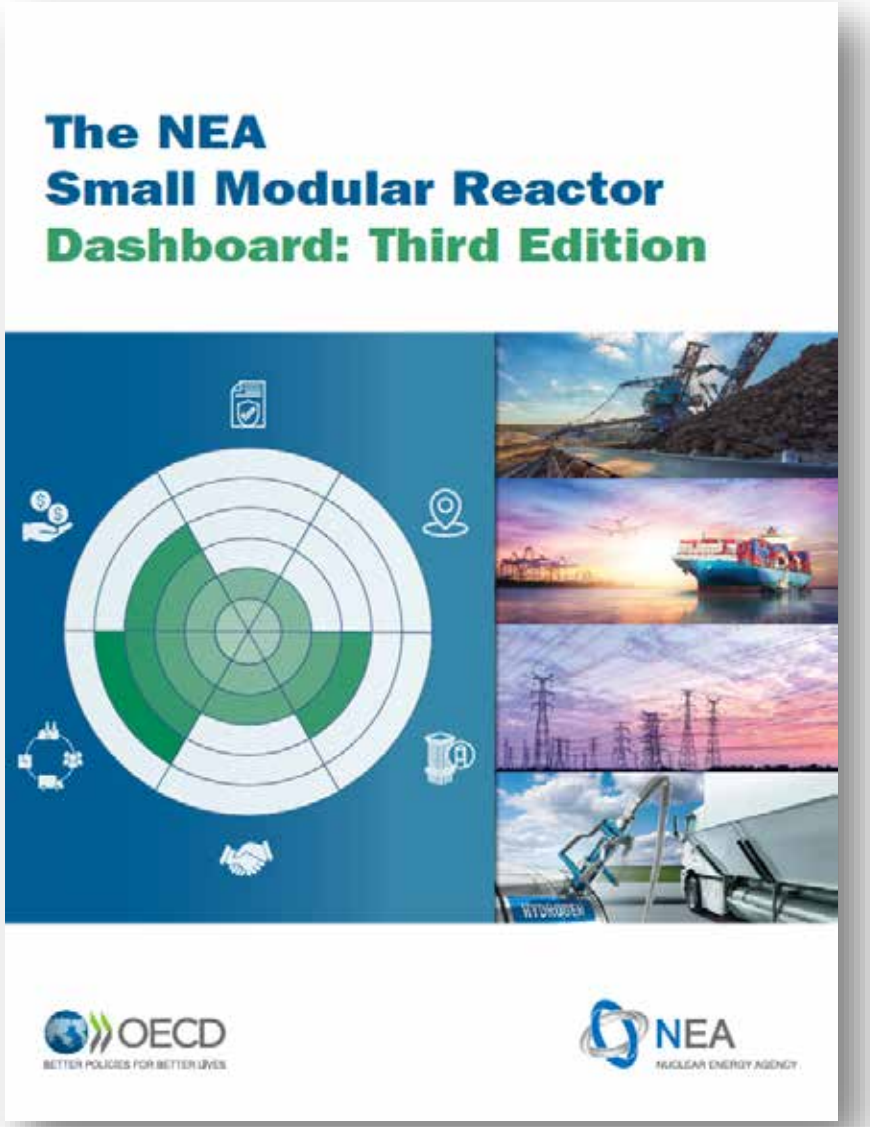
NEA Digital Dashboard



- Interactive platform with real-time access to NEA's SMR database.
- Data will be updated continuously for timely insights.
- Supports real-time evidence-based policymaking and transparency.

The NEA SMR Dashboard



NEA SMR **Dashboard: Third Edition**

http://www.oecd-nea.org/7737

NEA SMR Digital Dashboard

www.oecd-nea.org/smr-digital-dashboard

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Thank you

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