

Conclusions

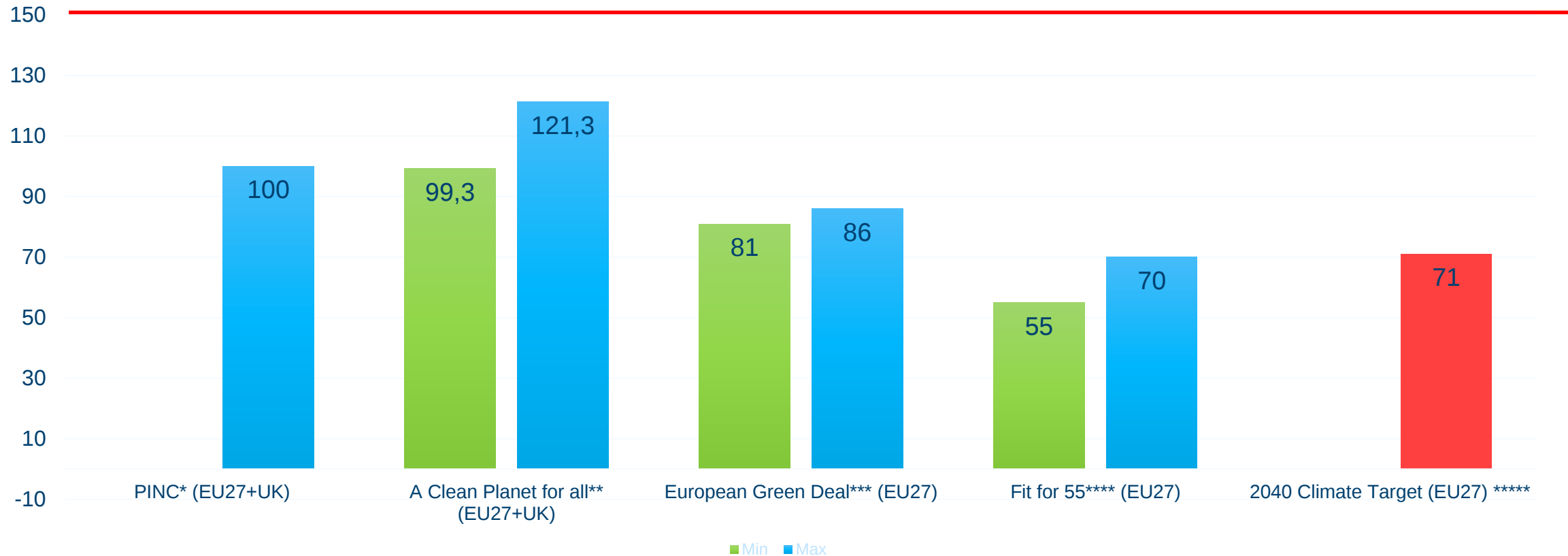
Andrei Goicea – Policy Director

FISA-EURADWASTE 2025 and SNETP Forum 2025 - Nuclear in the EU: crash course

Warsaw, May 12, 2025



Nuclear installed capacity in 2050: latest EC projections



* [Nuclear Illustrative Programme \(PINC\)](#) – 2017

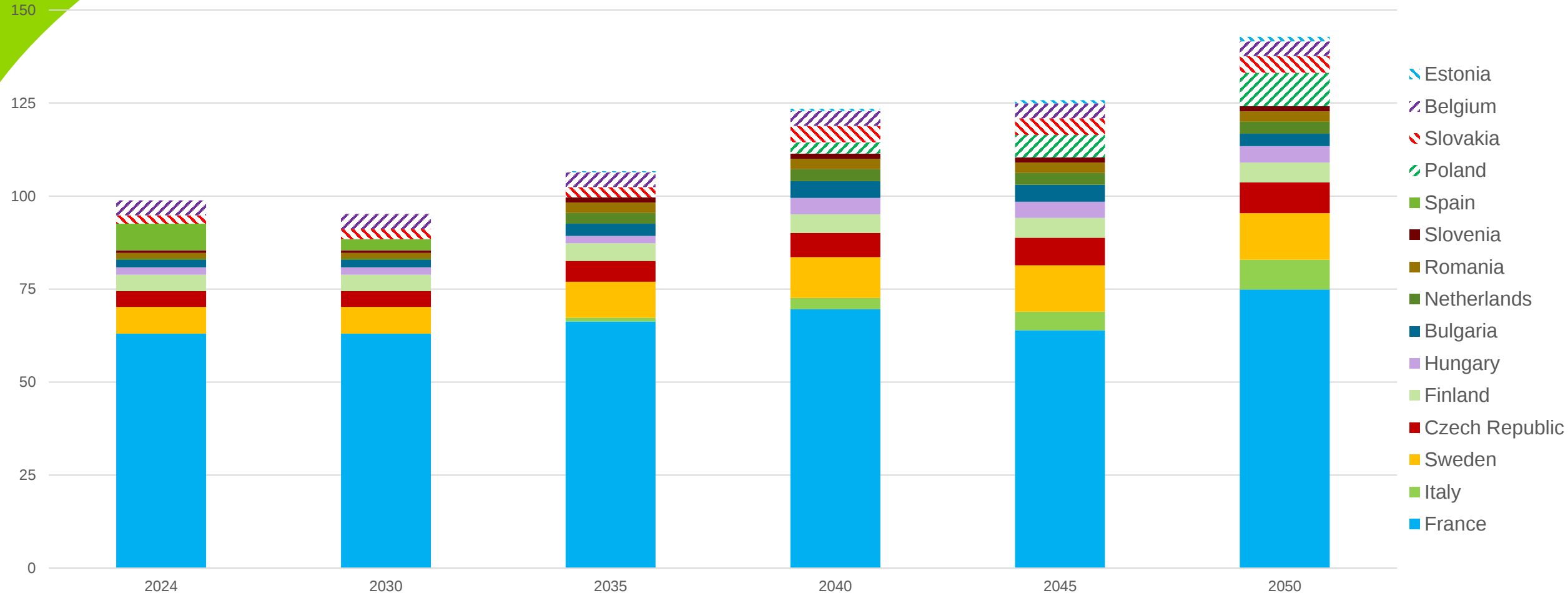
** [In-depth analysis in support “A Clean Planet for all” communication](#) - 2018

*** [European Green Deal – SWD for “Stepping up Europe’s 2030 climate ambition” communication](#) - 2020

**** [Fit for 55 package – SWD for the “Renewable Energy Directive”](#) – 2021 (note: figures resulted from nucleareurope’s calculations)

***** [2040 Climate Target – SWD Impact Assessment Report](#) - 2024

National Energy and Climate Plans (NECPs) – EU nuclear installed capacity (GW)



■ Nuclear capacities from final NECPs (2024) ▨ No final NECPs available yet – figures taken from recent announcements*

* For the below Member States who didn't present the final NECPs yet, the figures are from the recent announcements:

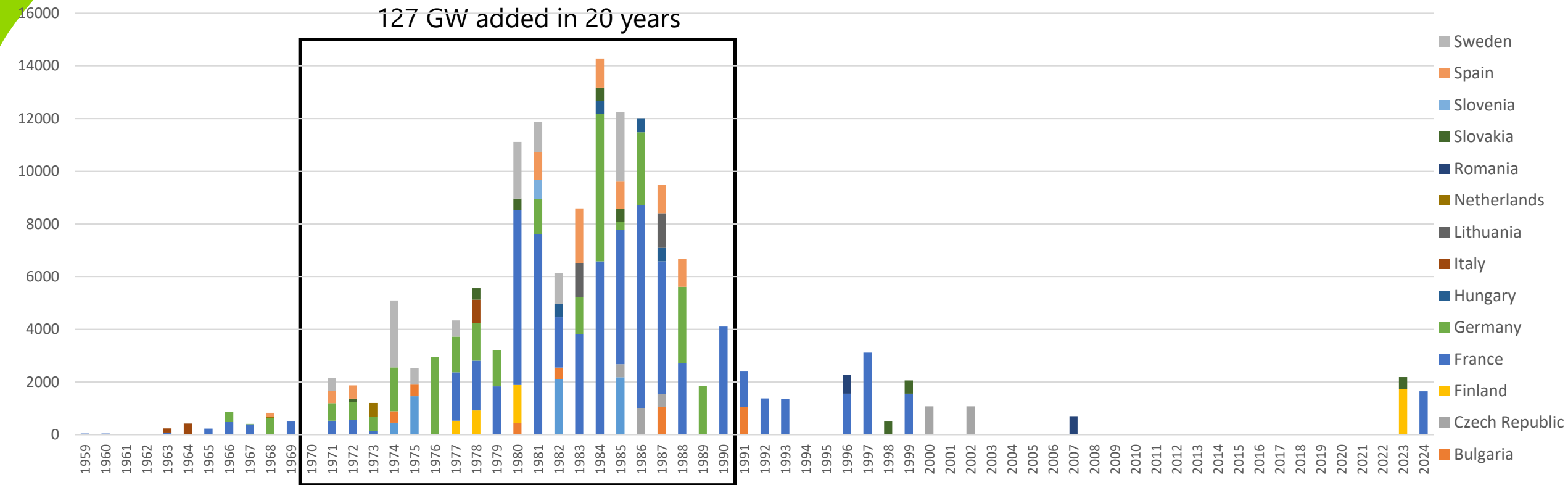
Poland – [NucNet](#) (8 January 2025)

Estonia – [NucNet](#) (13 June 2024)

Belgium – [NucNet](#) (7 February 2025)

Slovakia – [NucNet](#) (11 October 2024)

History of EU's nuclear fleet deployment



nucleareurope chart based on [IAEA PRIS database](#)