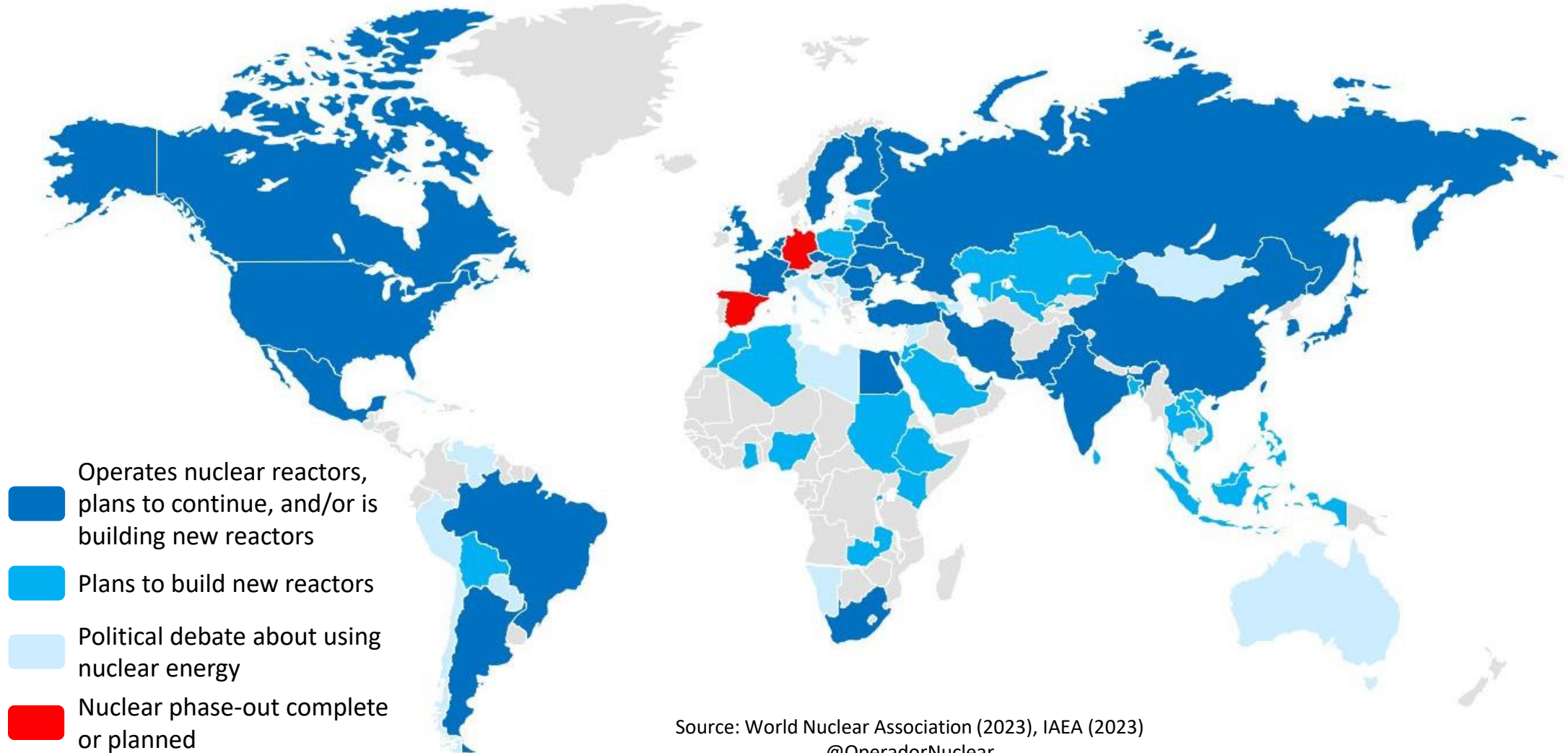


Panel Discussion 1: Experiences with Building New Nuclear – Policy Incentives to Build New Plants and Units

Dr Sama Bilbao y Leon
Director General
World Nuclear Association



Nuclear energy is the largest source of carbon-free electricity in OECD countries



Source: World Nuclear Association (2023), IAEA (2023)
@OperadorNuclear

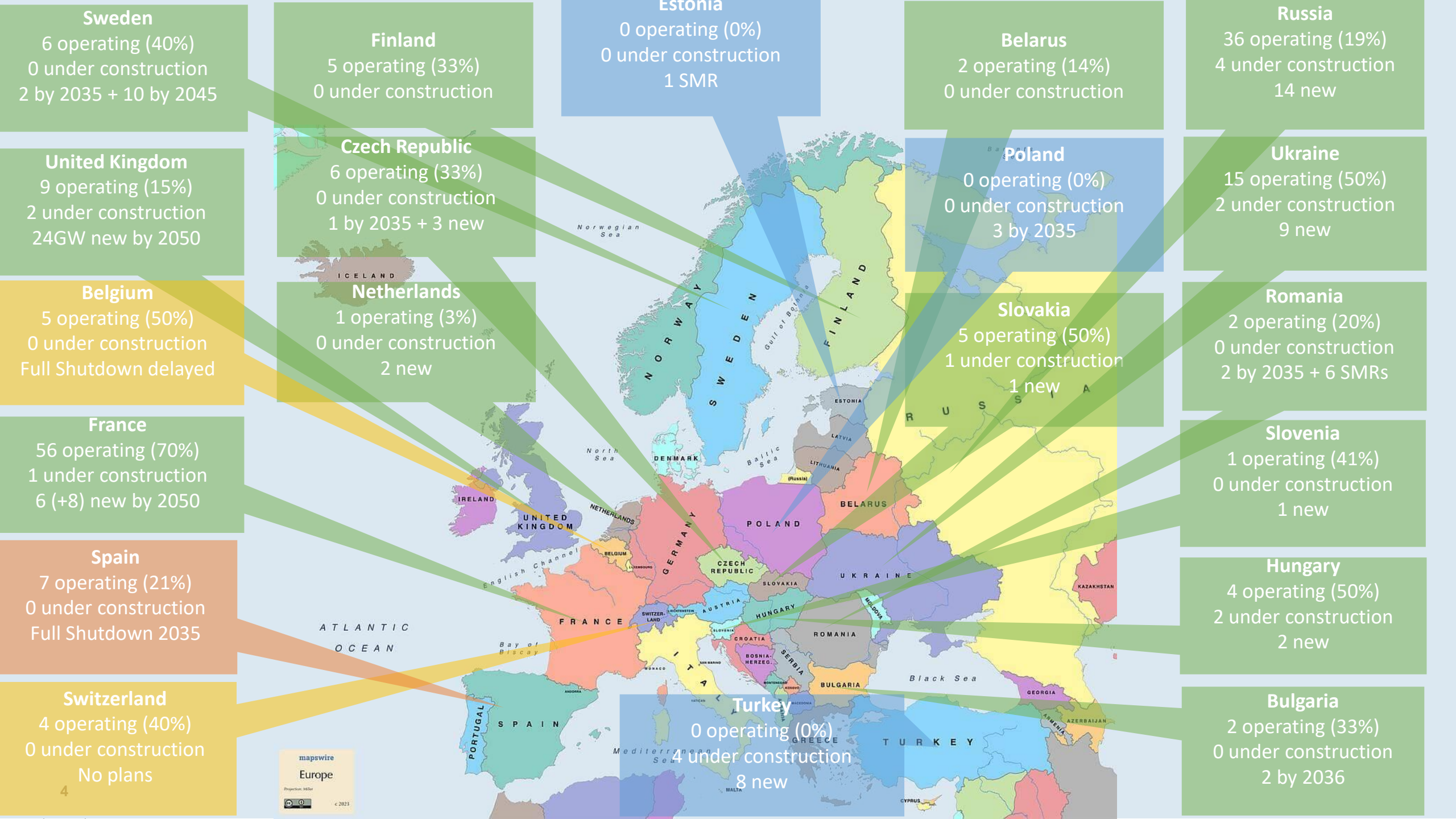
At COP28 25 Countries committed to tripling global nuclear capacity by 2050

مضاعفة إنتاج الطاقة النووية ثلاث مرات بحلول عام 2050
الإمارات العربية المتحدة، ديسمبر 2023

TRIPLING NUCLEAR ENERGY BY 2050

United Arab Emirates, December 2023





Sweden
6 operating (40%)
0 under construction
2 by 2035 + 10 by 2045

Finland
5 operating (33%)
0 under construction

Estonia
0 operating (0%)
0 under construction
1 SMR

Belarus
2 operating (14%)
0 under construction

Russia
36 operating (19%)
4 under construction
14 new

United Kingdom
9 operating (15%)
2 under construction
24GW new by 2050

Czech Republic
6 operating (33%)
0 under construction
1 by 2035 + 3 new

Poland
0 operating (0%)
0 under construction
3 by 2035

Ukraine
15 operating (50%)
2 under construction
9 new

Belgium
5 operating (50%)
0 under construction
Full Shutdown delayed

Netherlands
1 operating (3%)
0 under construction
2 new

Slovakia
5 operating (50%)
1 under construction
1 new

Romania
2 operating (20%)
0 under construction
2 by 2035 + 6 SMRs

France
56 operating (70%)
1 under construction
6 (+8) new by 2050

Slovenia
1 operating (41%)
0 under construction
1 new

Spain
7 operating (21%)
0 under construction
Full Shutdown 2035

Hungary
4 operating (50%)
2 under construction
2 new

Switzerland
4 operating (40%)
0 under construction
No plans

Turkey
0 operating (0%)
4 under construction
8 new

Bulgaria
2 operating (33%)
0 under construction
2 by 2036

Helping the global nuclear industry
deliver 24/7 clean energy for all



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