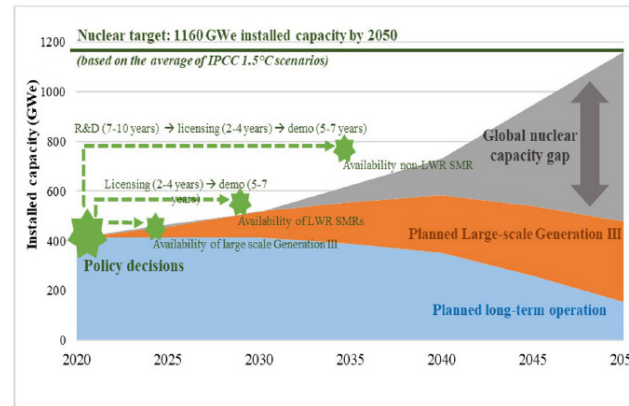
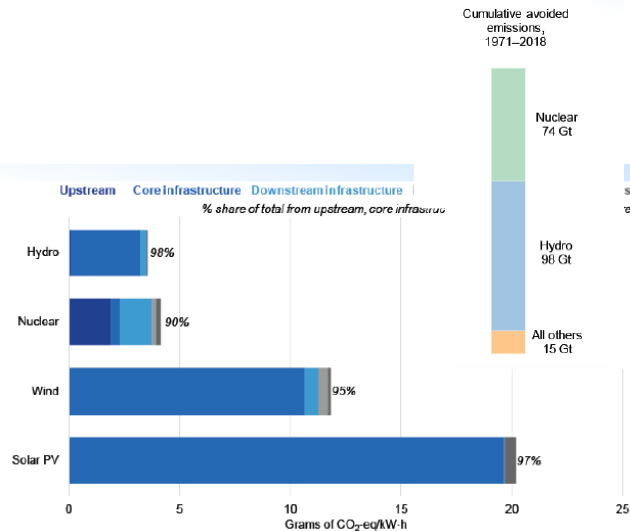


Role of Nuclear Energy in Reducing CO₂ Emissions



Your presenters:
 Dr. Shannon Bragg-Sitton, INEL
 Mr. Huang Wei, IAEA
 Ms Diane Cameron, NEA

Your moderators:
 Dr. Patricia Paviet, PNNL
 Dr. Tatjana Jevremovic, IAEA



Ref. webinar slide p.21

- Nine Mile Point NPP LTE/PEM (Late 2022)
- Davis-Besse NPP LTE/PEM (2023/24)
- Thermal & Electrical Integration at an Xcel Energy NPP HTSE/SOEC
- Palo Verde Generating Station, H₂ Production for Combustion and Synthetic Fuels
- Prairie Island (2024)
- Hydrogen for residential and commercial heat
- Our recent SMR white paper
- What is the best solution?

Ref. webinar slide p.58, 68

脱炭素に関し、原子力が果たしている貢献、ファクト (IAEA: 74Gt の削減等)

1.5°Cシナリオを達成するうえで、原子力のできること (NEA: 1130GWe/2050 シナリオ =87Gtの削減 + NEaNH分)

米国の考える原子力の非電力活用方法とGIF NEaNH-TF の模索する地理的条件に応じた活用方法