

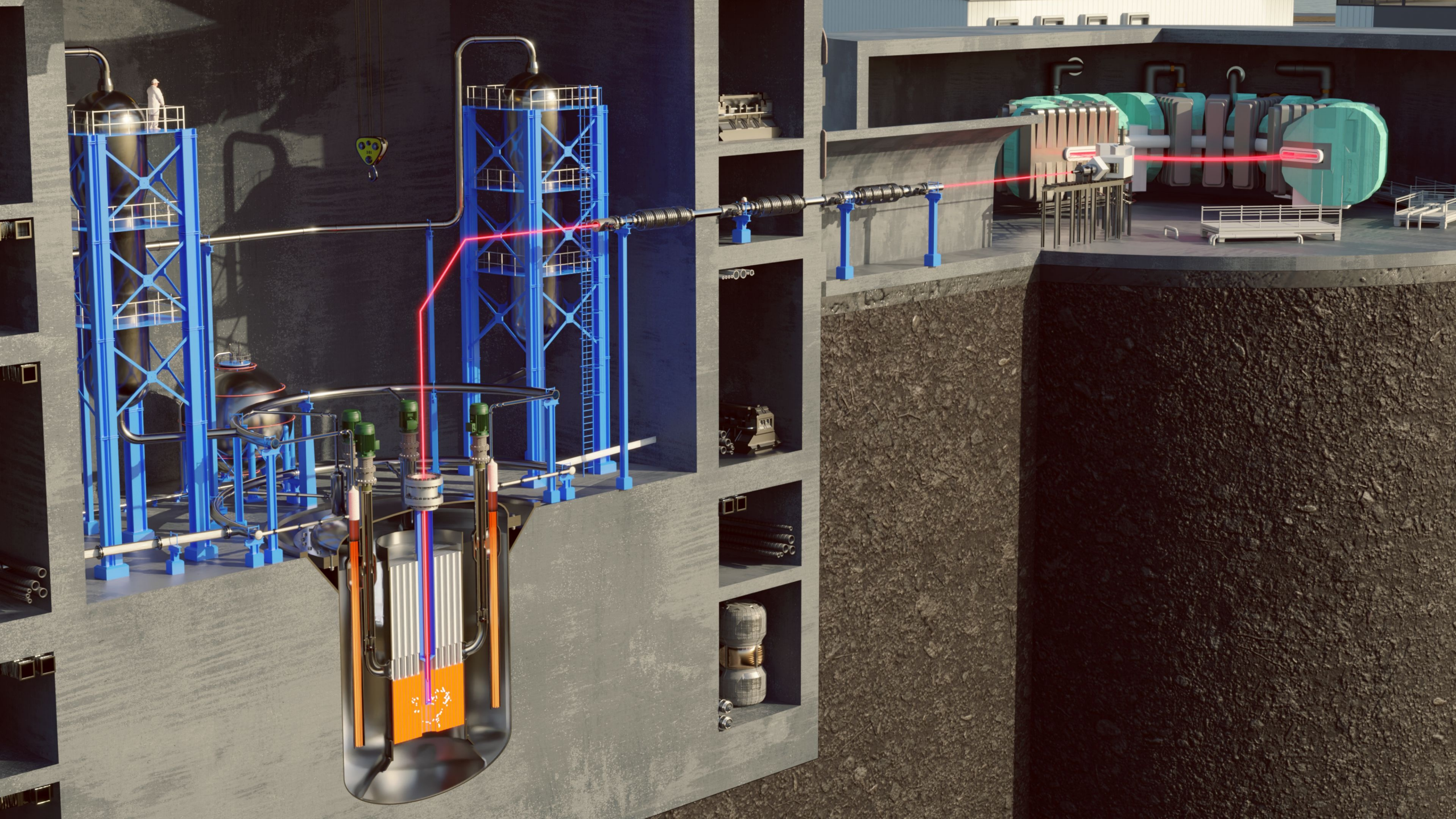


TRANSMUTEX

START – Accelerator Driven System

29 September 2022

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Far higher waste *burning* potential with START

Highest transmutation potential...

From CEA : " Accelerator-driven reactors have by far the highest transmutation capacity: 95 kg/TWhe, i.e. **about 20 times higher** than that obtained, for example, in a fast neutron reactor (Astrid type) in homogeneous mode, 5 kg/TWhe."

X 20
Max

...impacts geological storage requirements

From CEA: " The transmutation of americium on the site of the high-level waste repository had been estimated at a **possible reduction of more than a factor of 7** (in addition to that already achieved by recycling plutonium, a factor of about 3)."

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Strong support from the scientific community



“ The Transmutex project is scientifically proven, technologically credible, and led by an exceptional team.

Humanity needs their success, as soon as possible.”

Prof. Gérard Mourou
Nobel Laureate, Physics, 2018