START – Accelerator Driven System

29 September 2022

jcm@transmutex.com
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."

**...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)."
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