

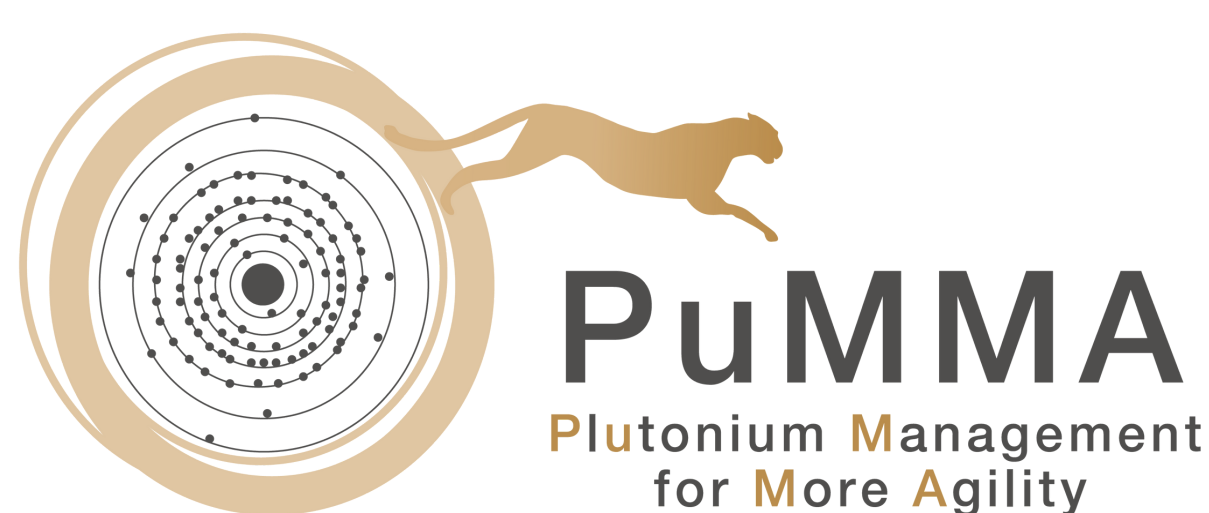
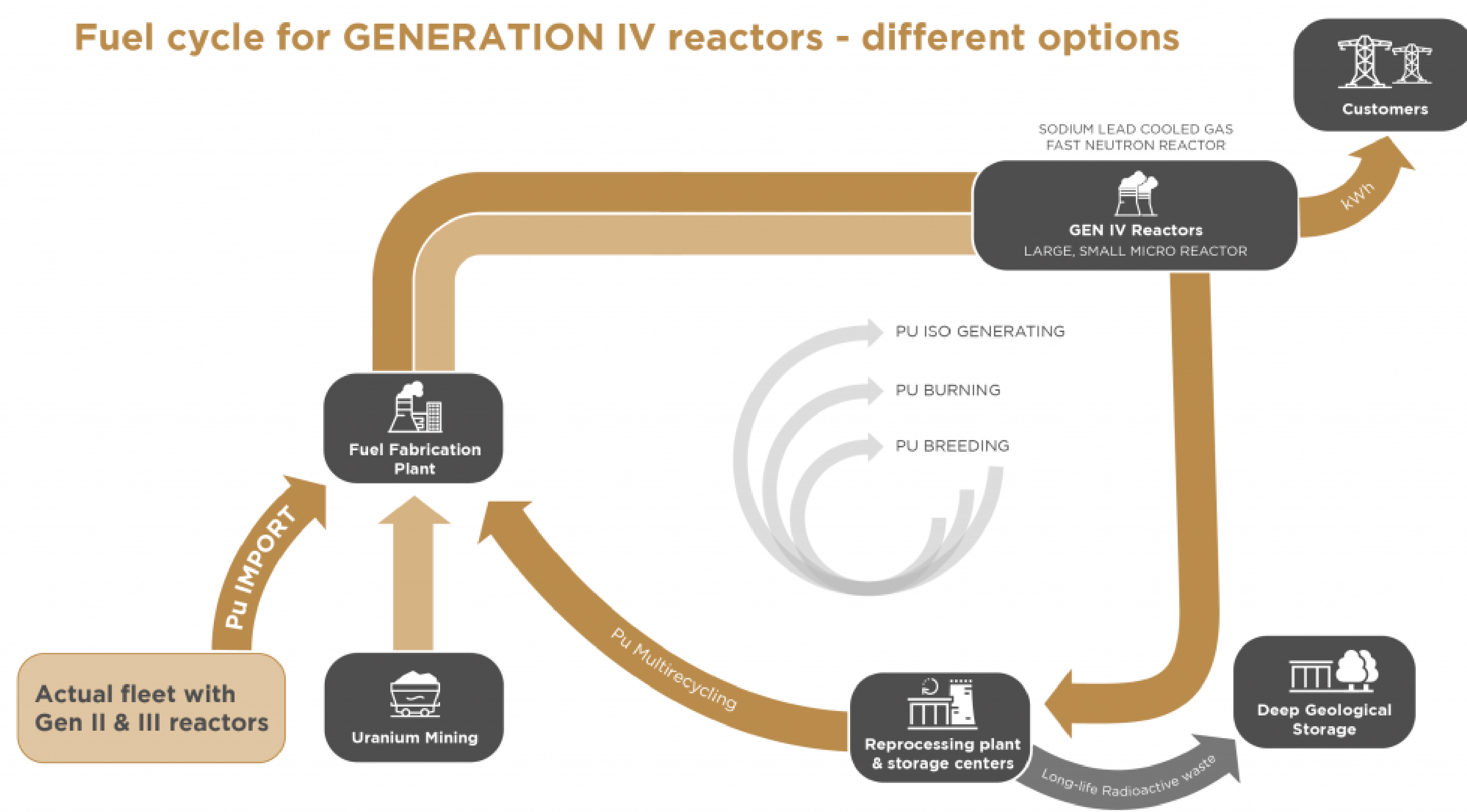
Discover our labelled projects

# PuMMA

More information @PuMMA Visit our website [www.pumma-h2020.eu](http://www.pumma-h2020.eu)

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## Fuel cycle for GENERATION IV reactors - different options



## Objectives

- PuMMA has the ambition to perform excellent scientific and technological research that advances the knowledge on MOX fuel significantly
- To study the plutonium management in Generation IV reactors and to understand its impact on fuel cycle parameters
- To assess the impact of plutonium management on fuel safety limits
- To share the expertise and the skills on the management of plutonium in fast reactors

Get started



## Our learning modules

### What is "Decoding the Fuel Cycle"?

- Gain a comprehensive understanding of various fuel cycle scenarios and their impact on Pu inventory through detailed analysis.
- Learn about necessary experimental irradiations for fuel qualification and licensing, including insights from R&D experts and industry professionals, along with safety body requirements.
- Explore the factors influencing fuel material properties with recent measurements, expert analysis, and proposed laws for modeling and design.
- Delve into nuclear fuel reprocessing with a clear explanation of processes, ongoing R&D efforts to adapt them for innovative fuels, and differences from conventional spent fuel.

### What to Expect?

- More than 60 presentations from experts, PhD students, postdocs, and researchers.

### Who is it for?

- For students and researchers in the field, nuclear engineers and scientists as well as energy industry professionals.

