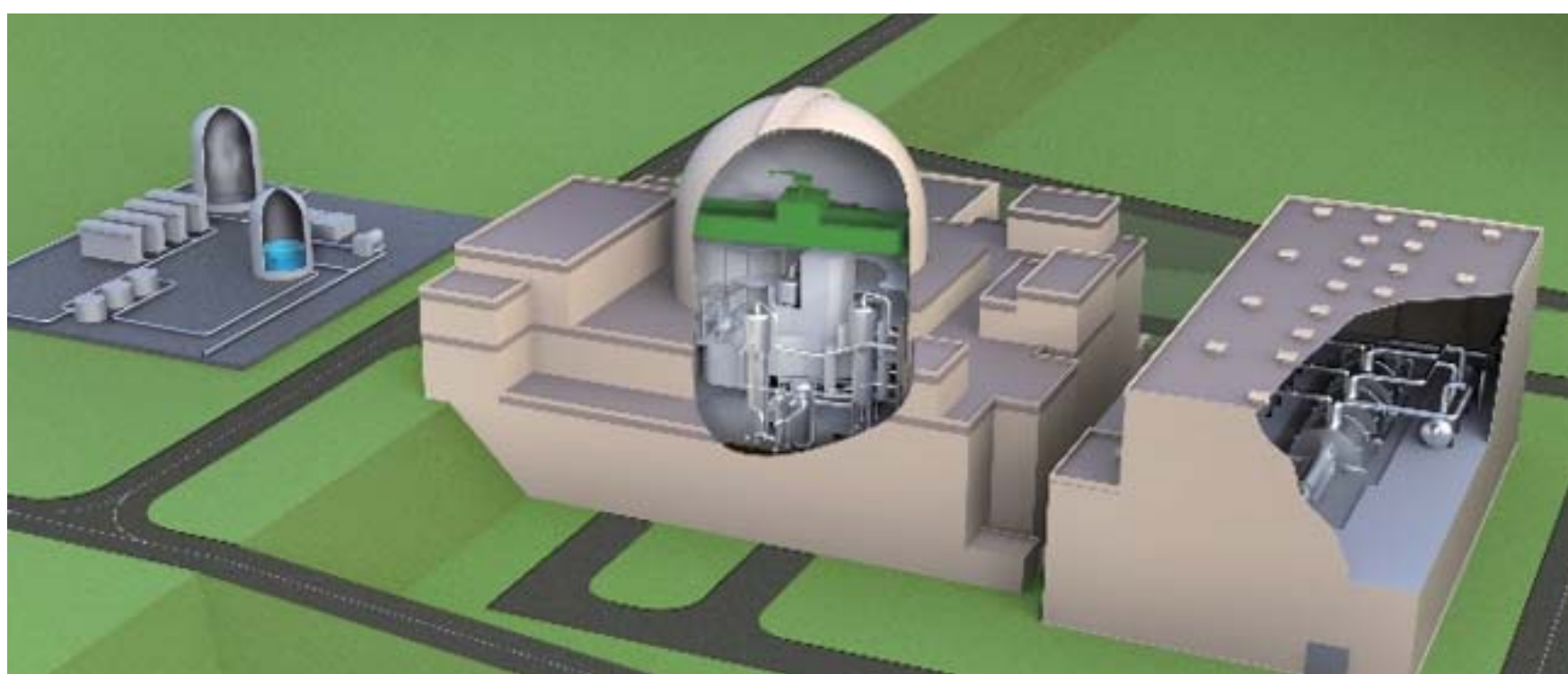


Development of Advanced Reactors

MHI is developing the Advanced LWR "SRZ-1200" which achieves world's highest-level safety. In addition, MHI promotes the development of advanced new reactors (Small LWR, High-Temperature Gas Reactor, Fast Reactor and Micro Reactor) to meet future social needs.

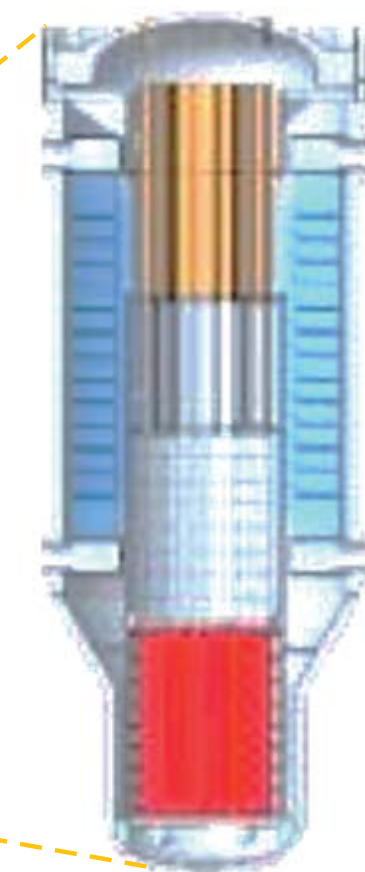
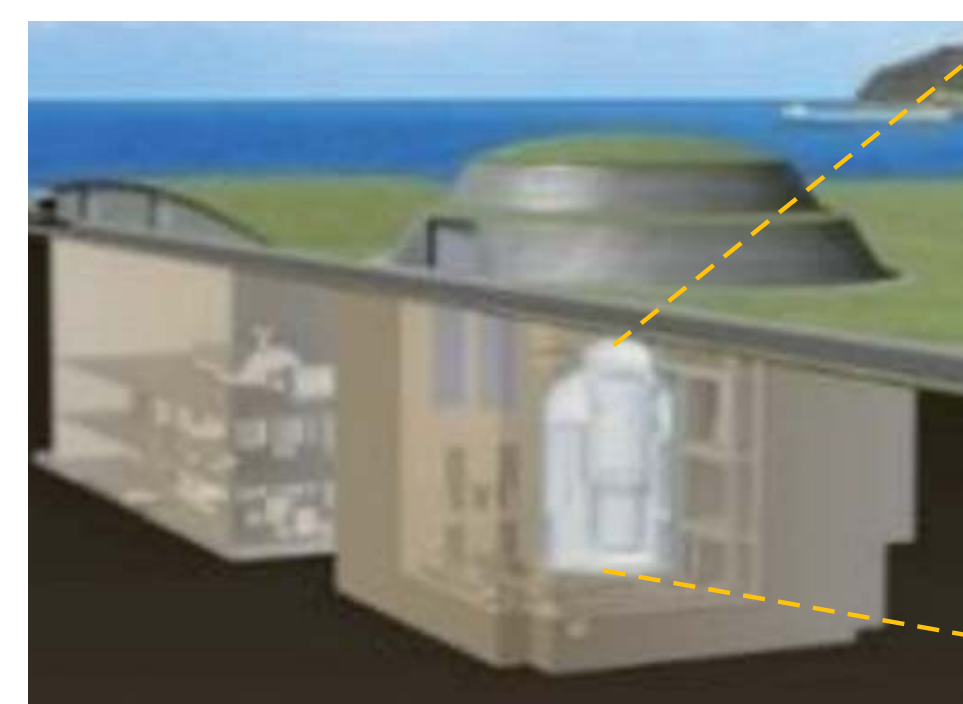
Advanced LWR "SRZ-1200"

Power source for existing grids (1,200MWe)



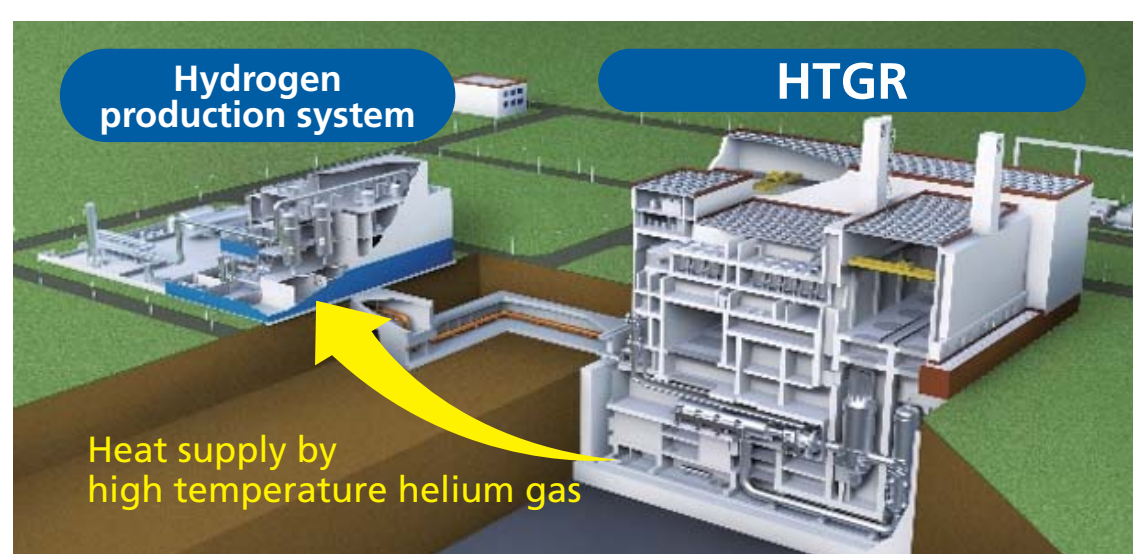
Small LWR (SMR)

Distributed power source for small grids (300MWe)



High-Temperature Gas Reactor (HTGR)

Large-scale & stable hydrogen production using high temperature heat (900°C~)



Fast Reactor

Realizing closed nuclear fuel cycle leading to effective use of resources and reduction of radioactive waste



Micro Reactor

Multi purpose portable reactor (for remote island, disaster affected area, etc.)

