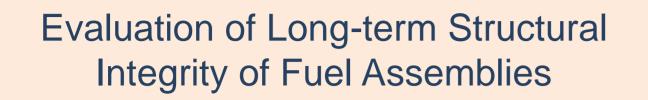
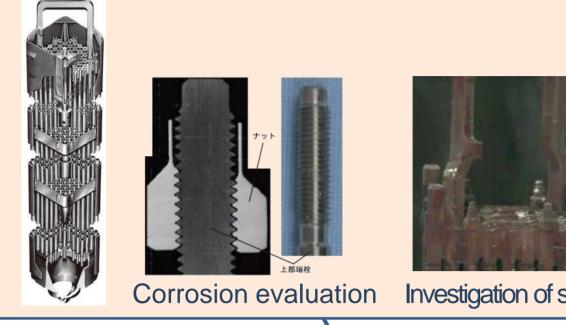


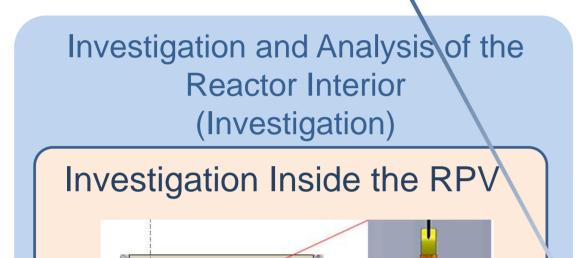
Overview of IRID R&D Projects

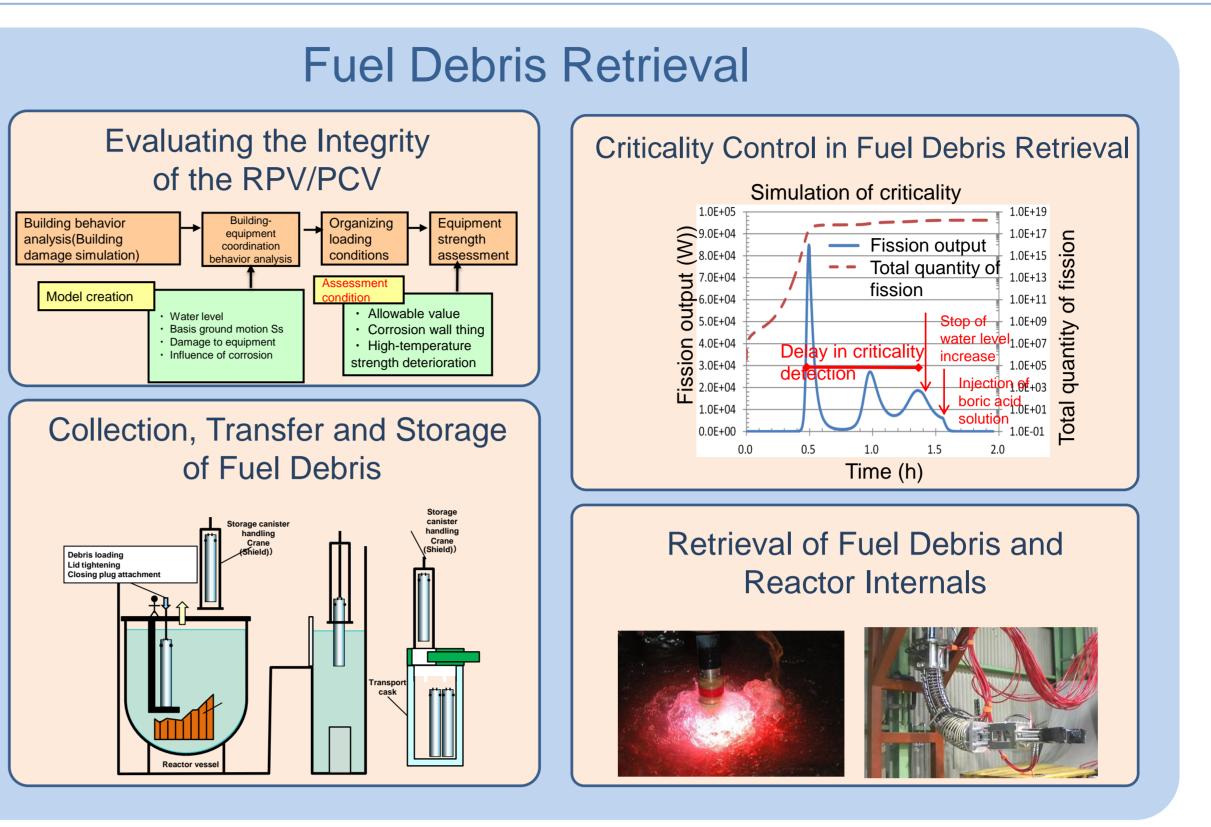


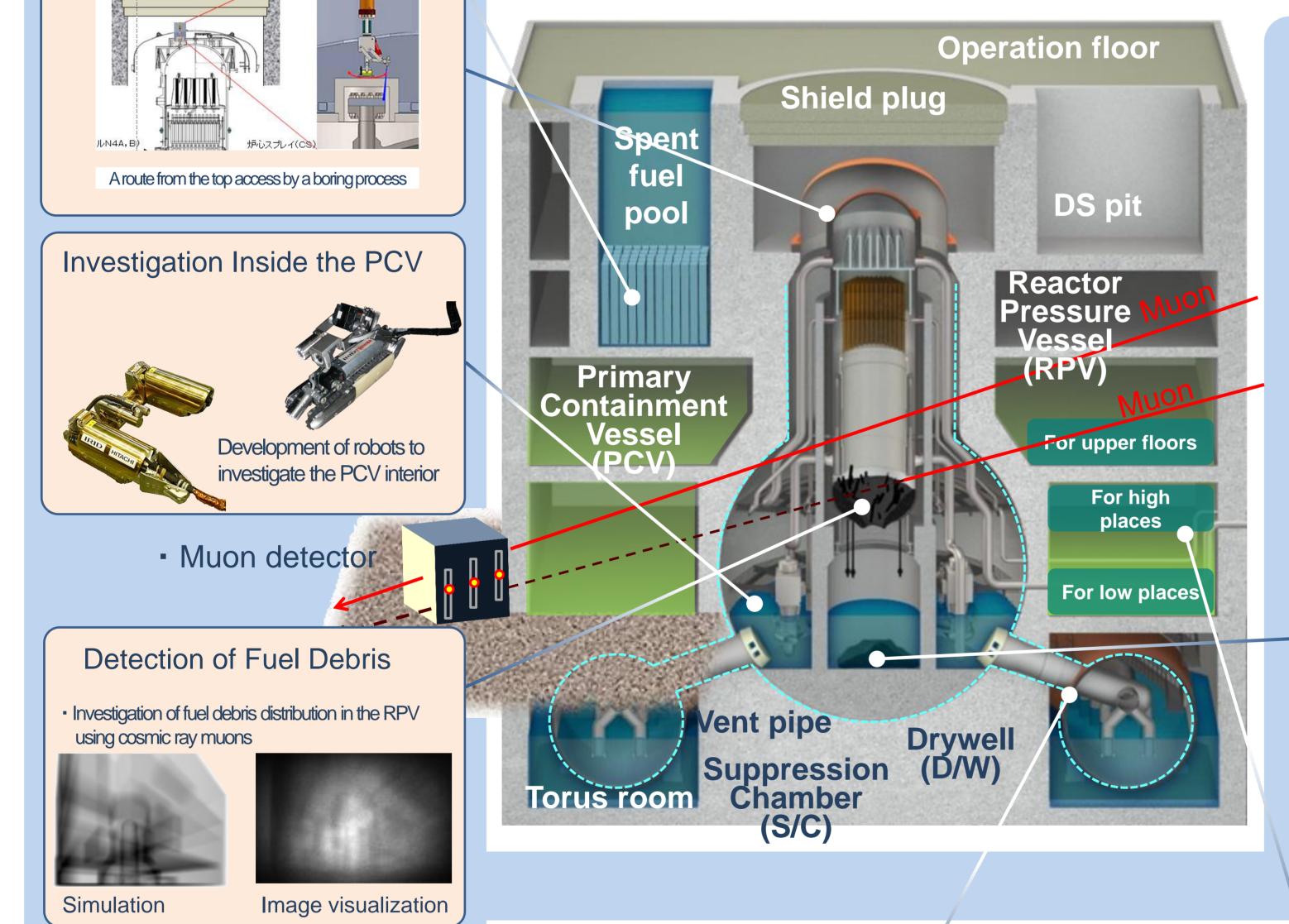




Investigation of stored fuel



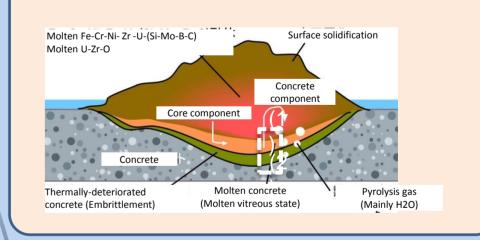




Investigation and Analysis of the **Reactor Interior** (Characterization)

Upgrading the Identification of **Conditions Inside the Reactor** through Application of Severe Accident Analysis Code, Data on the Actual Reactor and Reactor Internals, etc. Improvement of the physical model adiation HT Mo between Shroud and RPV Wall 炉心支持板 ジェットポンプ 粒子状デブリ 金属層 溶融プール 凝固クラスト Vessel Failure Mechanism 熟伝導,CRD 射のモデル化 デブリーコンクリート反応中の 主水時熱伝達モデル改良 格納容器床 サンプピット サンプピットへのデブリ 流入と侵食モデルの追加

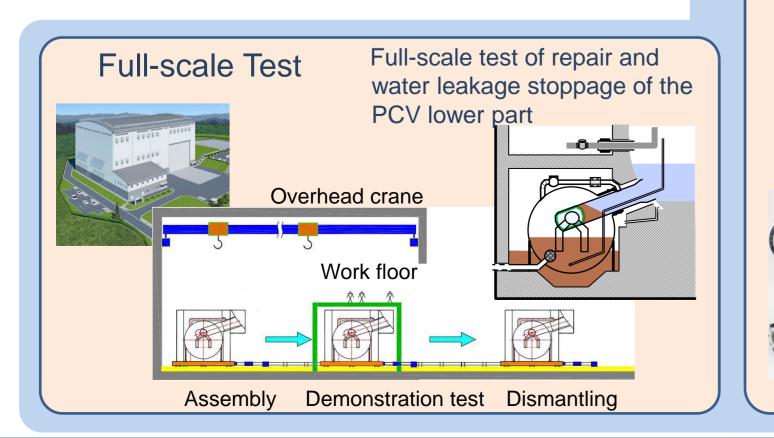
Fuel Debris Characterization using simulated debris

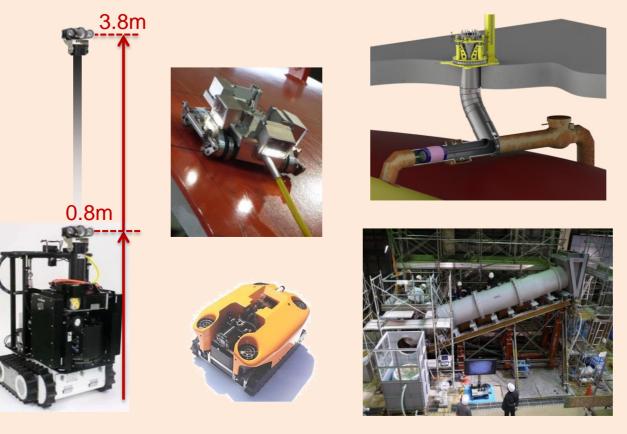


- Treatment and Disposal of Solid Waste
 - Characterization of accidentgenerated waste
 - Long-term storage management
 - Treatment and disposal

Repair and Water Stoppage of the PCV

Repair and Water Leakage Stoppage Technology for Leakage Points Inside the PCV





Decontamination and Dose Reduction

Remotely-operated Decontamination in the **Reactor Building** Suction and blast Dry ice blast (for high places) (for low places)





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