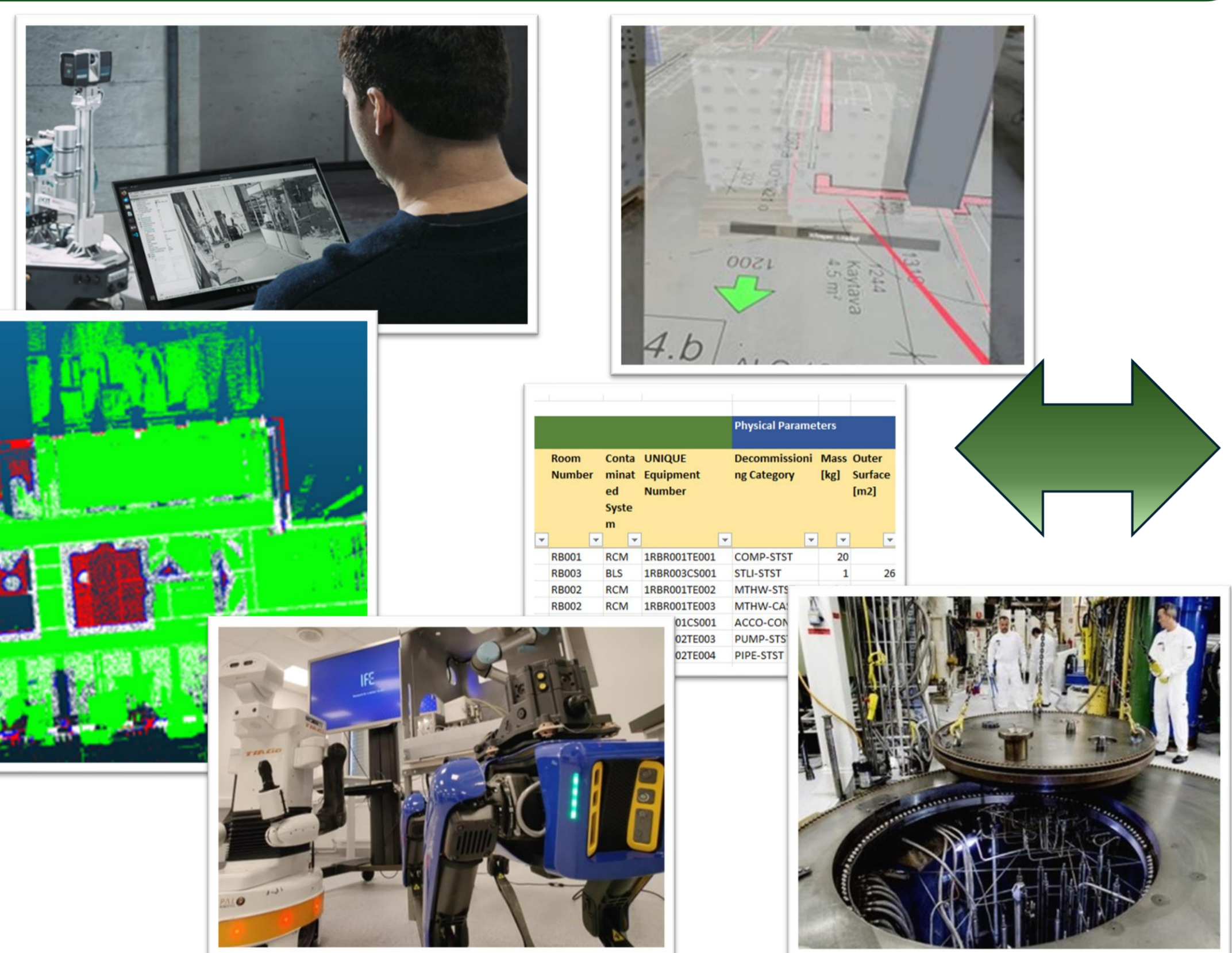


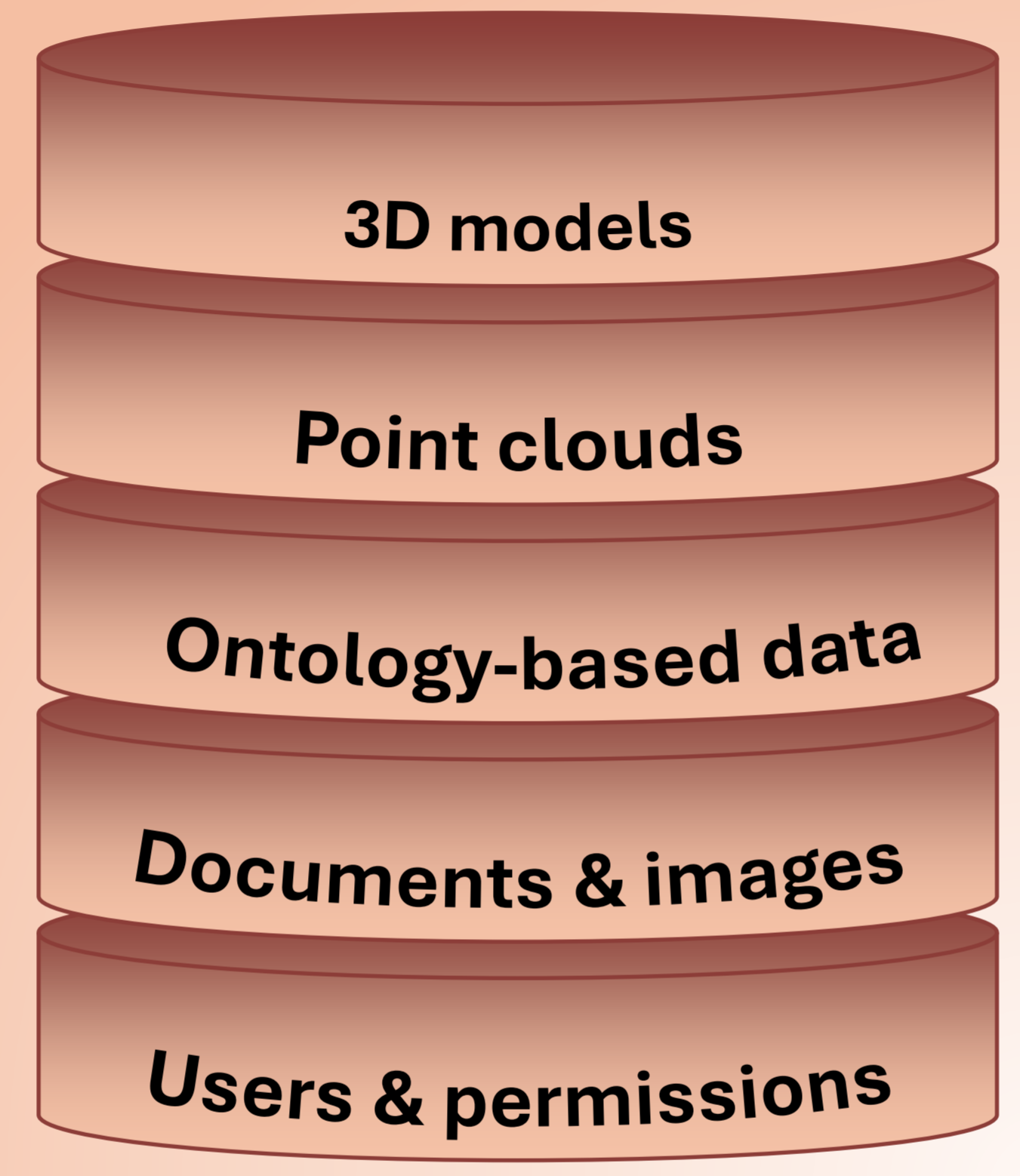
## Digital Creators

(external decommissioning planning experts or teams, internal staff, technology providers, ...)



## AI-powered DORADO Digital Twin

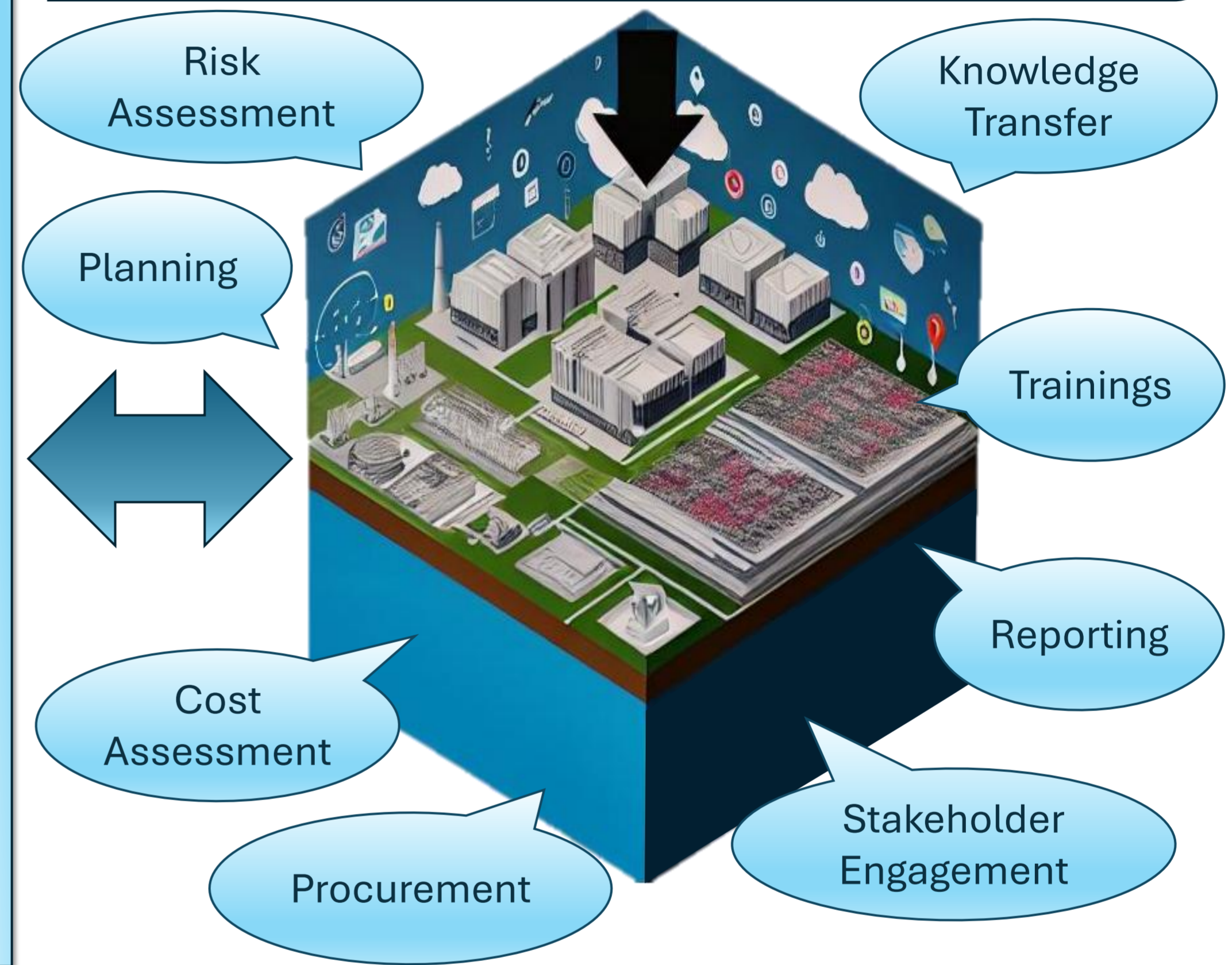
DTXS API



DTXS API

## Digital Consumers

(regulatory bodies, utilities, government, decommissioning workers, TSOs, ...)



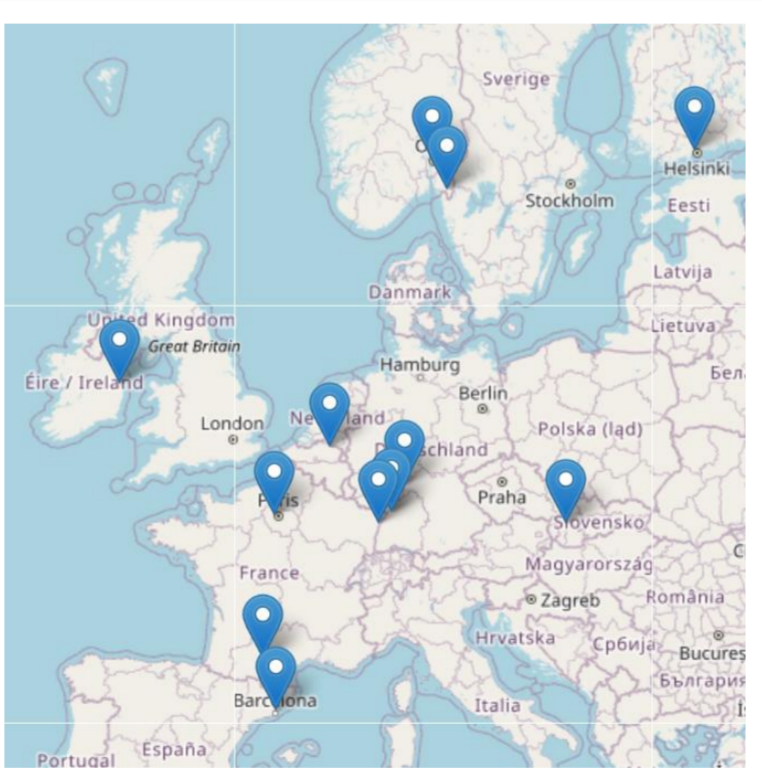
### 5 Work packages

- WP1** Prepare and manage project
- WP2** Finetune research goals
- WP3** Implement technologies
- WP4** Demonstrate on real use cases
- WP5** Train, exploit & standardize

### Technologies

Robotics; Sensor fusion; Data management; Voice recognition; Ontology BIM / 3D; Artificial intelligence; Dose estimation; Mission planning

36 months – 12 partners – 8 countries



### Digital Twin Exchange Standard (DTXS)

Ontology-based protocol to exchange data for digital twins. Developed in DORADO and publicly available. Flexible to cover any technology and any industry domain. To be demonstrated using DORADO technologies – robotics, voice recognition, point cloud, sensor fusion and others.

Join us and learn more



### Project research goals in a nutshell

- 1) Integrate emerging digital technologies into one coherent platform to support decommissioning planning.
- 2) Extend decommissioning ontology and data transfer protocols to cover new use cases.
- 3) Describe extensible API to provide standardized data exchange between tools used in decommissioning planning.

