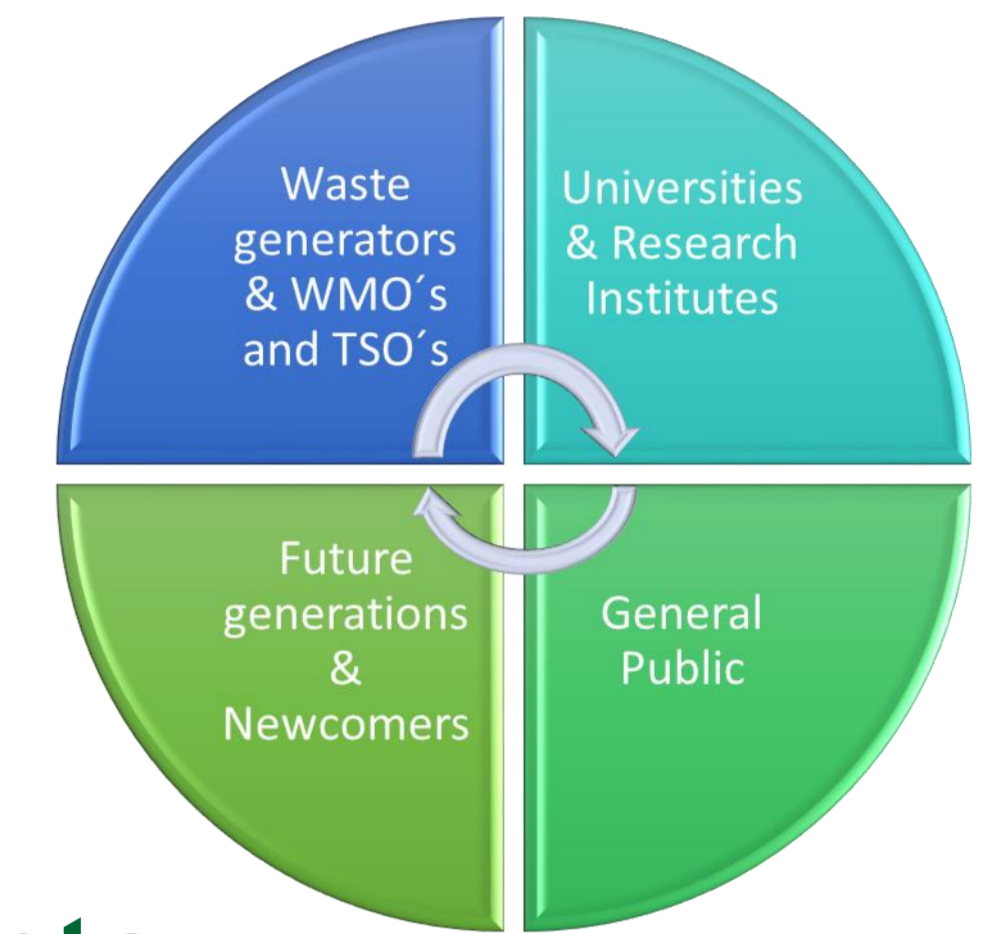# Knowledge Management in Pre-disposal of Radioactive waste (PREDIS EU project)

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Knowledge management (KM) is critical to ensure safe and efficient radioactive waste management over the whole lifecycle. Moreover, KM is recognized as a key part of the Radioactive Waste (RW) implementation process and has gained interest in the last years. PREDIS has strong links with the EURAD EJP and pursue similar goals related to KM, with objectives dedicated to the enhancement and transfer of knowledge through:
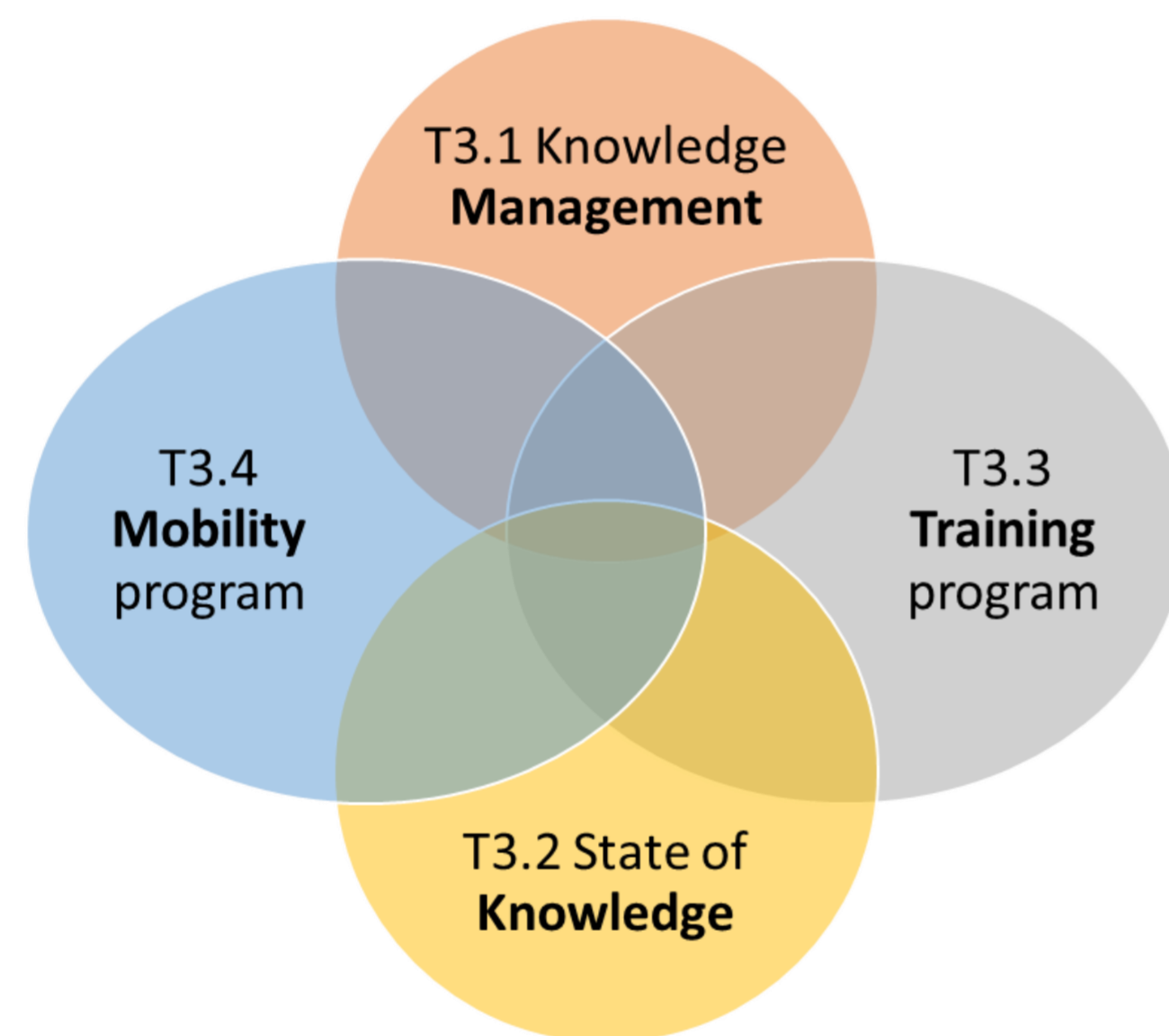
- **Preservation / capitalisation of generated knowledge**
- **Transfer of knowledge towards Member-States with early-stage RWM programmes**
- **Transfer of knowledge between generations and organisations**
- **Dissemination of knowledge**

Knowledge management in PREDIS

The KM work package (WP3) organises four tasks:

- **T3.1 Development of Knowledge management programme** strategy and students involvement
- **T3.2 Population of PREDIS roadmap** with State-of-Knowledge document (SoK)
- **T3.3 Training programme**: Training courses are matched between identified needs and existing/developing new courses
- **T3.4 Mobility programme**

Training programme

The PREDIS training programme identifies and fills training gaps within the pre-disposal community. Implementing training activities, a step-wise approach has been taken

1. Analysis of the required competences
2. Analysis of available competence
3. Design of a training programme based on a translation of competences into learning outcomes and objectives
4. Implementation of the training
5. Evaluation of the training effectiveness, which serves as feedback to step 1.

The **PREDIS student group,** consisting of 32 students, are actively contributing to the development of the KM Programme and training needs definition.

Based on that, dedicated training Programme has been launched, combining different types of training tools (see the Figure).
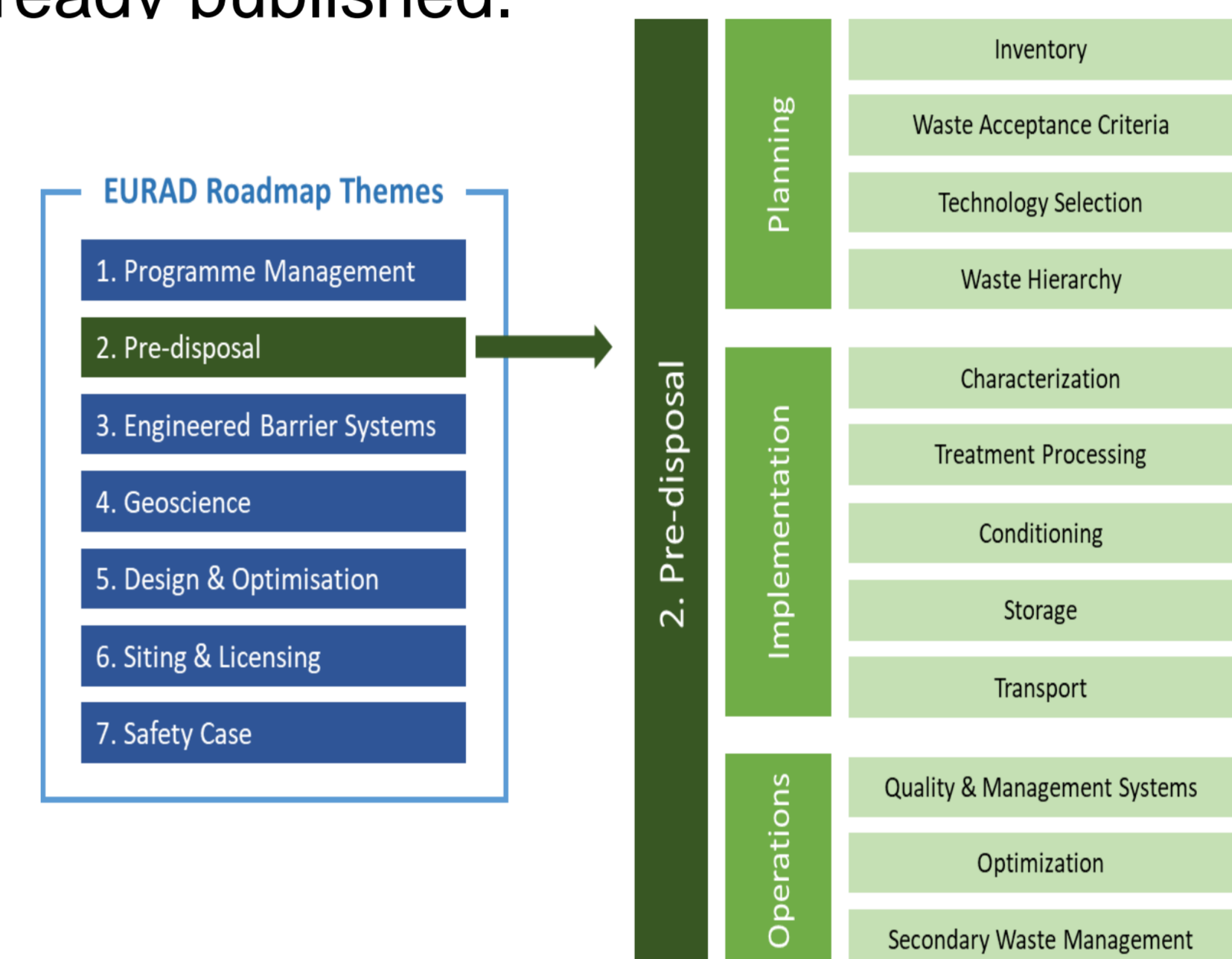
3 successive trainings has been designed so far, focused on PREDIS overview (webinar), LLW/ILW management (course) and waste characterisation (course; see https://predis-h2020.eu/training/).

For **trainings and courses available**: https://predish2020.eu/events/

State-of-knowledge documents

PREDIS is producing a set of Domain inside (DI) documents, feeding the Pre-Disposal Topic in the EURAD Roadmap (https://www.ejp-eurad.eu/roadmap). One DI documents (Transport) was already published.

Mobility programme

The PREDIS mobility programme facilitates cooperation between partners and Member States, and the acquisition of knowledge needed to develop a professional career in the different subjects related to the predisposal of radioactive waste. The programme cover both short term/long term visits between PREDIS partners and to external events as scientific conferences and trainings.

The project's KIP of 20 mobility awards has already been reached as of August 2022.

The programme supported also 2 long-term mobility grants for Ukrainian partners.

Conclusions

The established PREDIS KM programme has already reached some of the KM KPIs and is developing towards an integrated KM involving students, R&D work packages and the end-users.

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