

EcoSMR

Ecosystem for Small Modular Reactors

Olli Soppela, VTT Technical Research Centre of Finland Ltd

Duration 2.5 years: 08/2020 – 12/2022

Funding: Business Finland 70 % / VTT 19 % / Companies 11 %

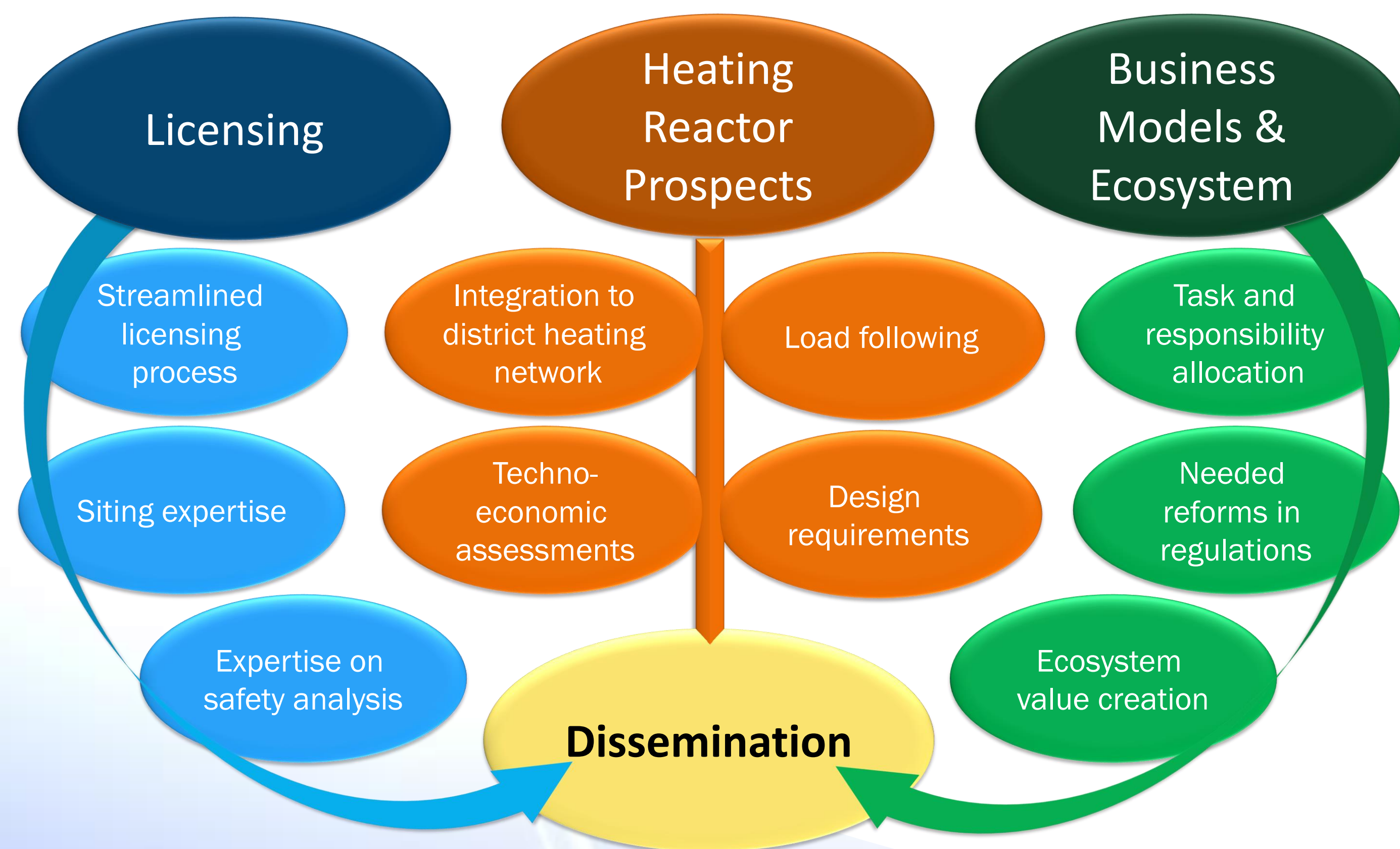
EcoSMR Goals

Developing the Ecosystem of actors

- 1) Connecting of Finnish experts and combining capabilities with international offering
- 2) Connecting the Finnish ecosystem and international actors
- 3) Supporting communication and collaboration between business, research and public authorities

Development of key areas of technology

- 1) Understanding customer needs.
- 2) Development of selected areas of expertise
- 3) Focus on the expertise that market will first need



EcoSMR activities consist of bridging regulatory, technical and business intelligence activities

Aims

- Networking of SMR actors in Finland and internationally
- General discussion and knowledge exchange
- Promotion of business awareness of Finnish companies in Finland and abroad

Activities

- Discussion groups on topics of interest to the participants

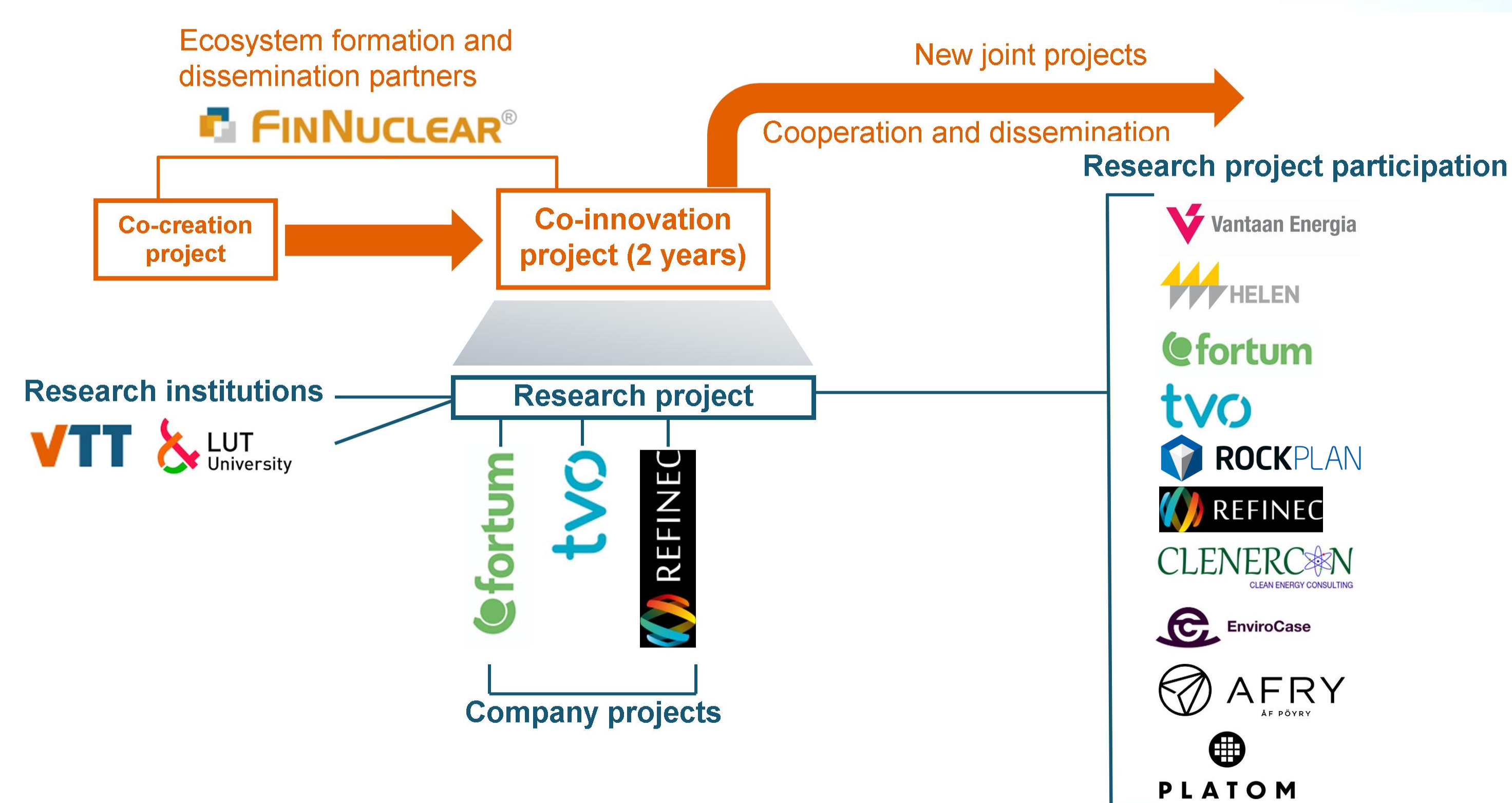
Ecosystem partners

- EcoSMR Partners, Ensa, GE Hitachi Nuclear Energy, EDF/NUWARD™, City of Lappeenranta, Lappeenranta Energia, UPM Energy, Westinghouse, Kuopion Energia

Fees

- No fees during the EcoSMR project
- Continuation decided among the ecosystem members

EcoSMR Research Project Consortium



EcoSMR project includes 3 company projects and one joint-funded research project

Synthesis from company level interviews

- Identifying Network Synergies
- Suggestions for Project Organizations

Combination of Business and Cases – Ecosystem that delivers

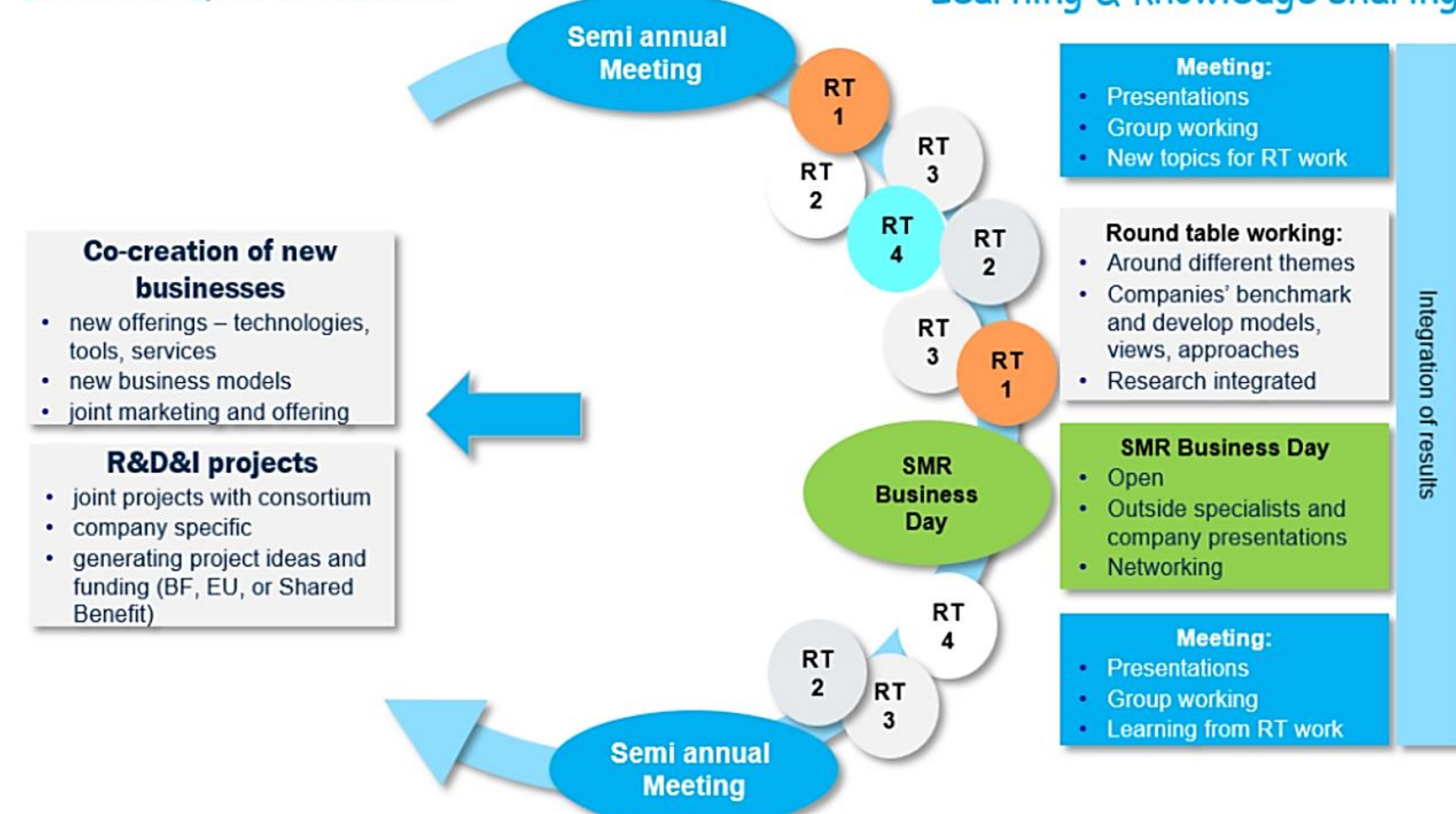
- Evaluating viable Business Models for Nuclear District Heat
- Evaluating viable Business Cases for Nuclear District Heat
- Ensuring that requirements meet capabilities
- Round Table discussions to validate and improve cases

Facilitating Collaboration

- Finding ways to integrate collaborative efforts
- Avoiding same tasks being replicated in partner organizations
- Ensuring win-win-situations in Business Approach

Business & co-innovation

Learning & knowledge sharing



EcoSMR annual management cycle

Join the ecosystem by contacting:
Silja Häkkinen, Tel. +358 400 236898, silja.hakkinen@vtt.fi

beyond the obvious
www.vttresearch.com