



3rd EU-SOLARIS German National Node Meeting

SOLARIZE Task 1.1: Structuring and strengthening National Nodes

Date: 16 June 2025 10:00 – 11:00, Venue: Online (Pexip)

Organizer: DLR

Participants:

Diego Martinez (EU-Solaris)

Daniel Benitez (DLR)

Dmitry Naumenko, Robert Vaßen (Forschungszentrum Jülich (FZJ))

Mathias Galetz (Dechema Forschungsinstitut (DFI))

1. Review of Previous Action Items

- **Action Item 1 - DLR:** forward National Node's MoU draft to all potential partners for revision and comments. Pending: Major revisions to be completed by DLR lawyers. Once finalized, the document will be sent to participants.
- **Action Item 2 - Fraunhofer ISE, KIT, SIJ:** revise the SLA template and provide feedback to EU-SOLARIS and/or DLR.
- **Action Item 3, EU-SOLARIS:** update website on data management policy.
- **Action Item 4 - DLR:** Organize a national workshop with industry stakeholders in Q3/2025 with the main objectives: 1) To identify industry needs for RI or measurements and services needed for the commercial applications. 2) to show our RI to industry, 3) discuss harmonization needs

2. Meeting notes:

- **DFI:** has relevant expertise on aggressive media material testing. R&D work on diffusion coatings (slurry metals), bulk material, collaborates already with FZJ, has participated in projects with particles for CST. Has a CO₂ pretest facility that can be relevant for Brayton cycle applications. Post-analysis of material samples. New division for photocatalysis.

- **FZJ:** has relevant expertise and infrastructure for corrosion testing and for hot temperature particle erosion, qualification of materials, scientists with over 20 years experience with high temperature materials. High temperature coatings production, thermal shock testing.
- **EU-SOLARIS** held a presentation about the ERIC, the main goals, advantages, ongoing projects, administrative structure, etc.
- A summary of the past two meetings was given by DLR, making emphasis on the open items.
- **DLR** presented slides on research infrastructure used for CST research from the Institute of Solar Research and Institute of Future Fuels.
- Network will be dedicated to entities operating infrastructure related to solar technologies.
- Focus on improving and harmonizing infrastructure.
- Encourage collaboration opportunities within the network, requiring a minimum commitment and knowledge share.
- No strict entry barriers (e.g., company size, employee count). Nevertheless, focus is currently on research centres, if a company wants to join it has to commit to offer research infrastructure to the stakeholders.
- EU-SOLARIS ERIC normally participates on “INFRA Calls” ([link](#)), when proposals are prepared, the group is consulted to participate. A selection process has been defined, to narrow down the best suited partners.

3. Next Steps

- Send SLA to DFI and FZJ.
- Continue preparing the MoU at DLR.
- Ask Fraunhofer ISE, KIT and SIJ for the feedback on the SLA revision
- Create a section on EU-SOLARIS website (or a DLR Teamsite) to share the presentations, and other documents related to the node.