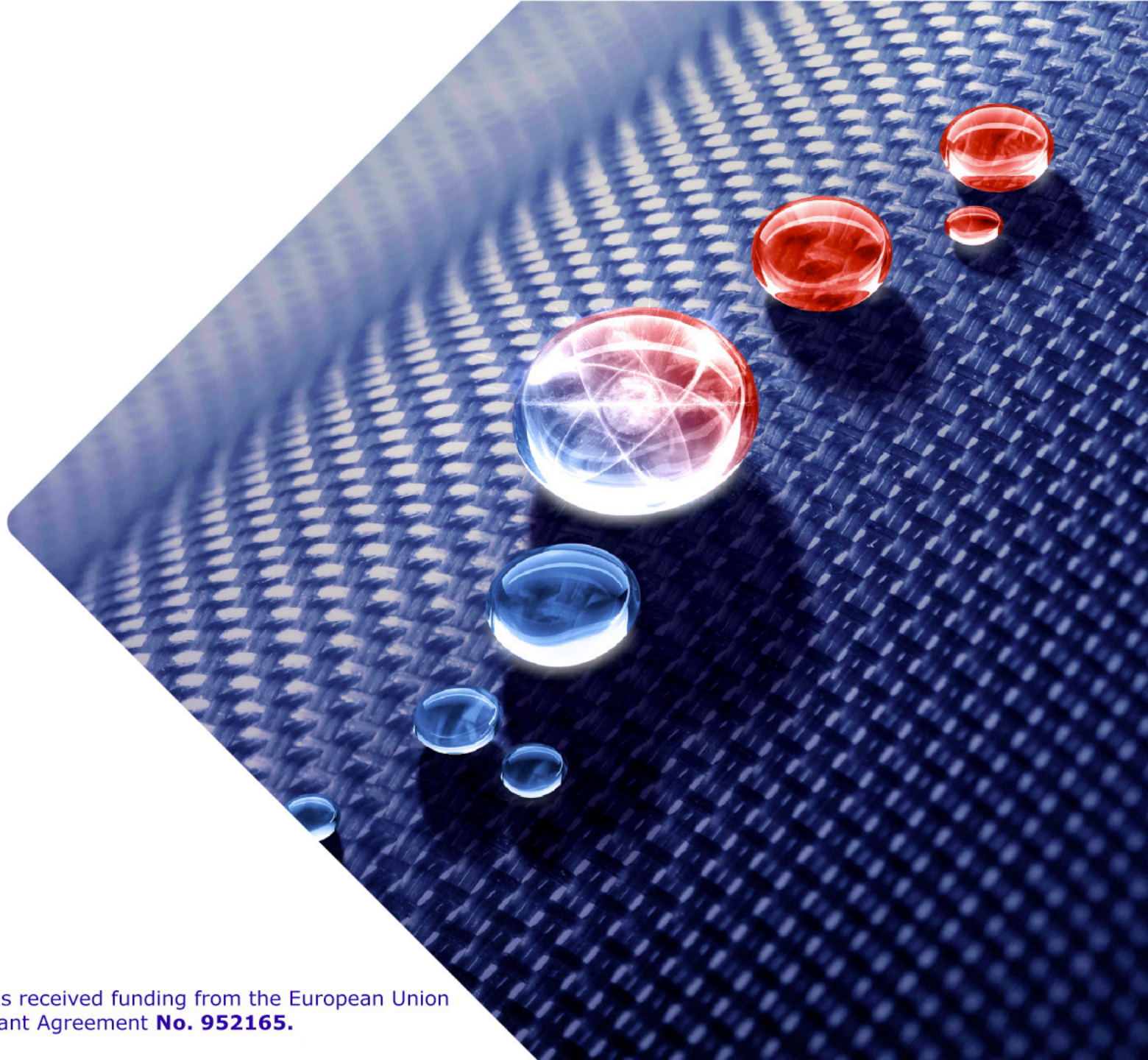


Task 4.1: Robust environment for cloud-style access to HPC resources

TREX Project Meeting @ UVSQ – March 2022

Kai Löhnig, Nico Tippmann, Axel Auweter



ByoSS (Bring your own Software Stack)

i.e. Create a Command Line Toolset to Reconfigure Cluster Nodes

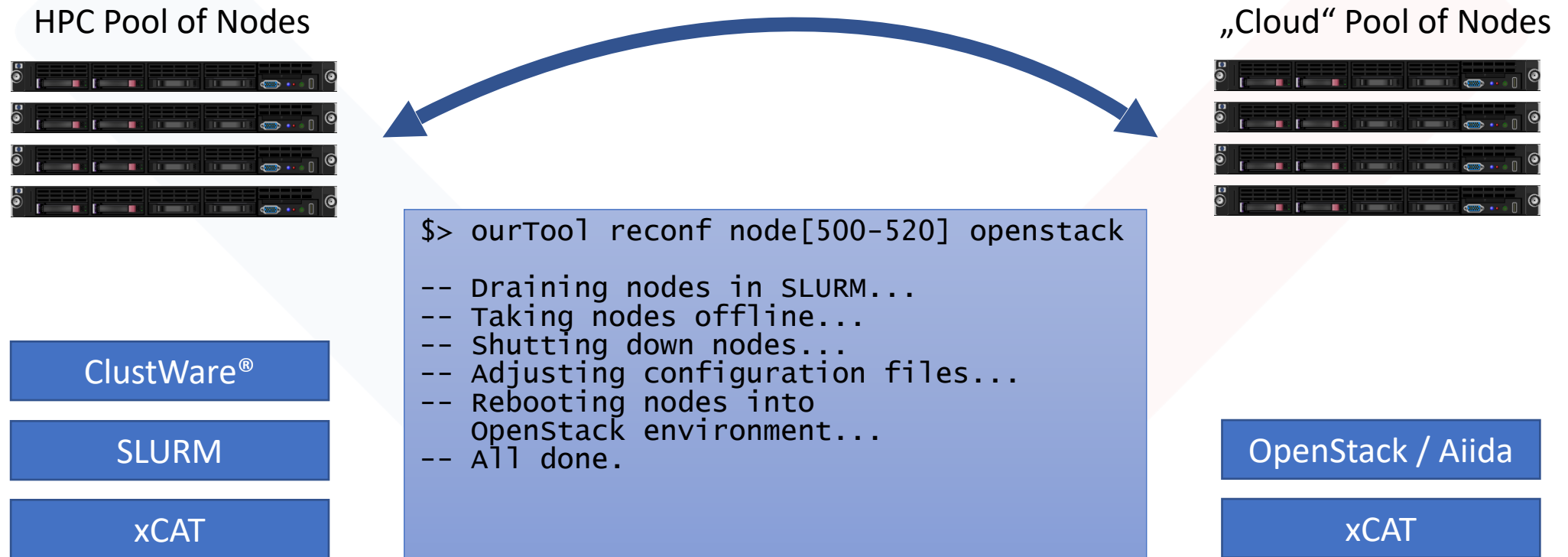
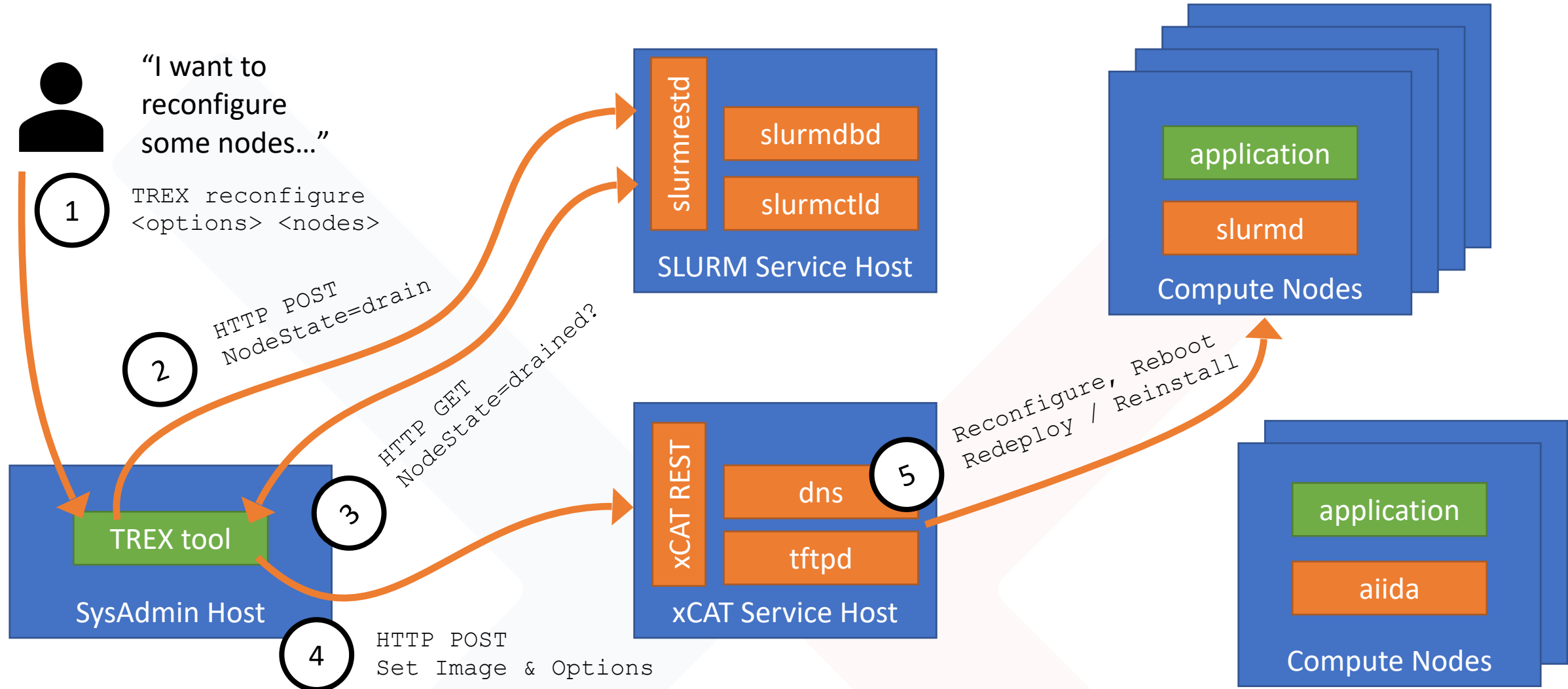
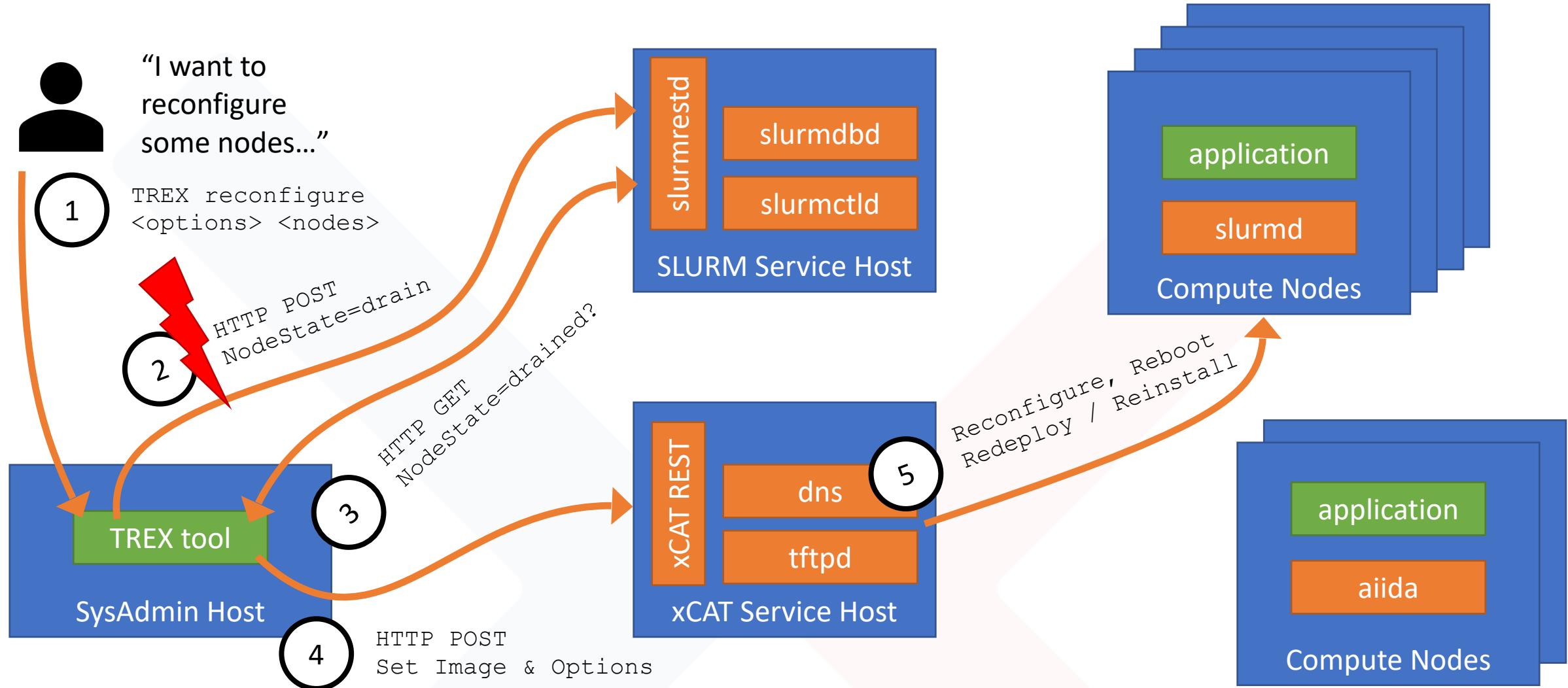


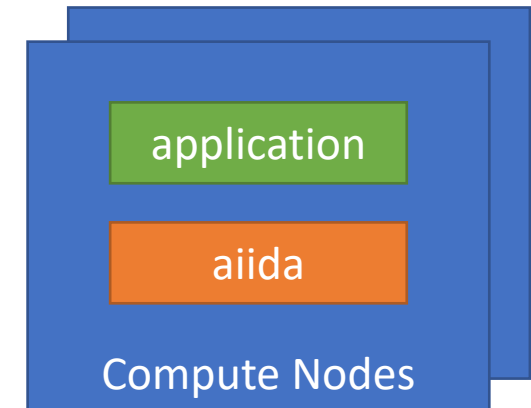
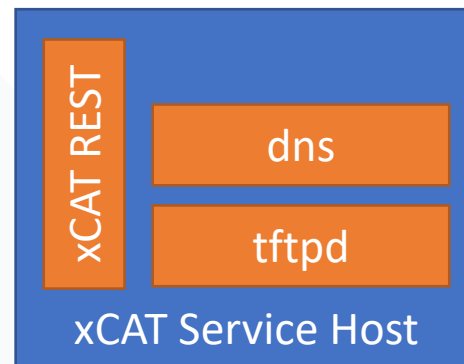
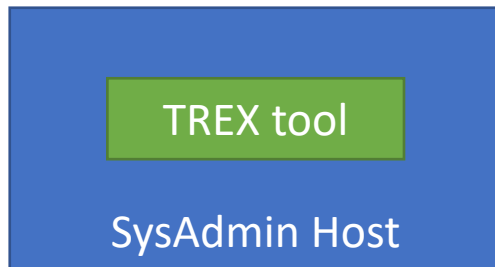
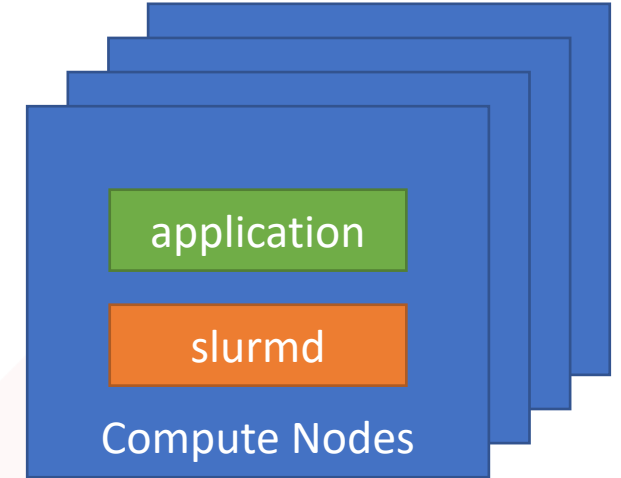
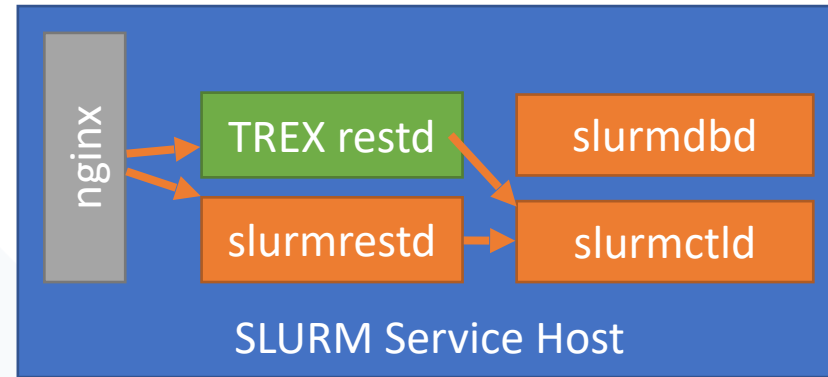
Illustration from the early project phase – subject to change...







"I want to reconfigure some nodes..."



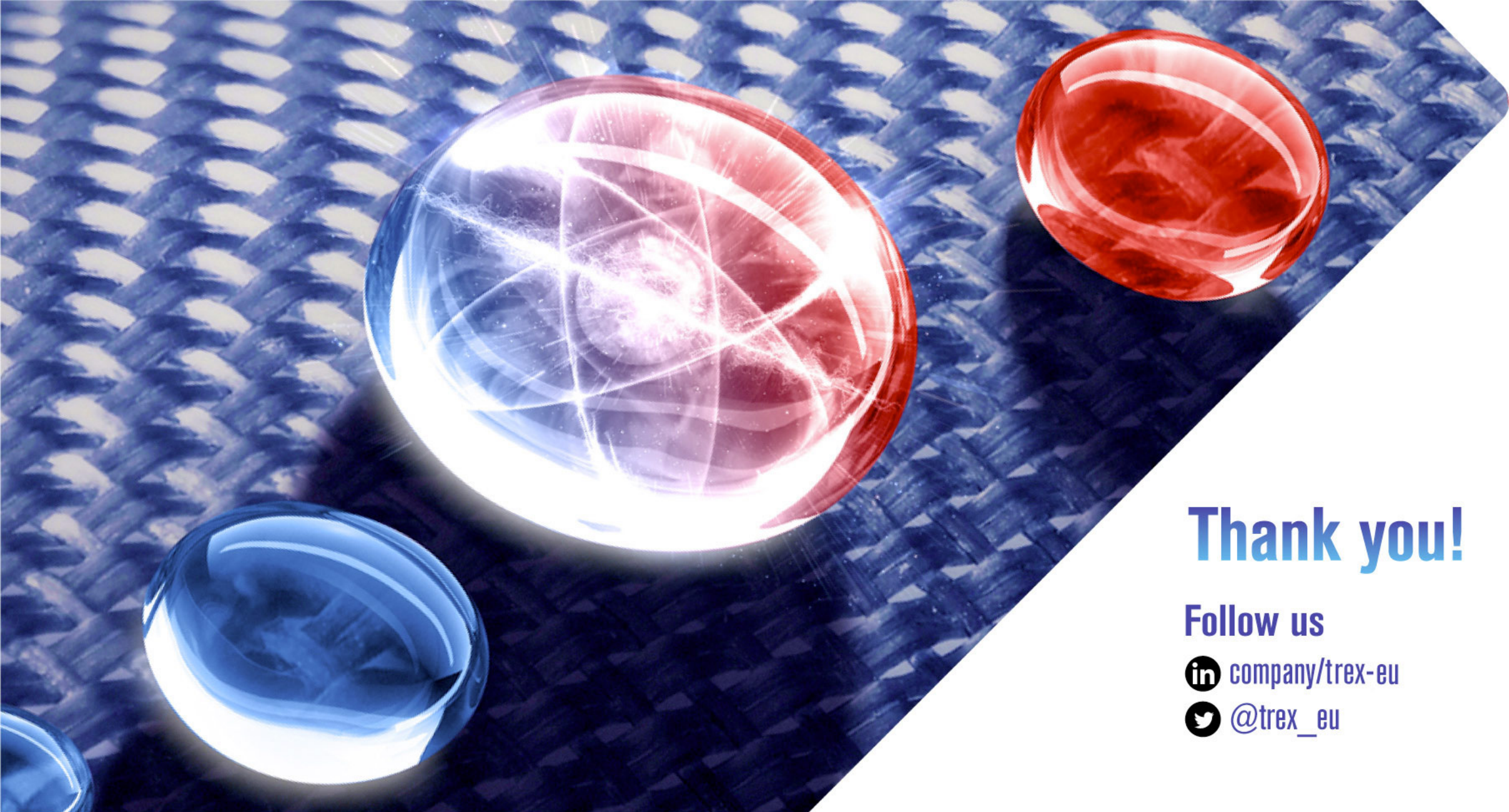
T4.1- current status

Implementation

- ✕ Alpha version ready
- ✕ Demonstrator setup ready
 - ✕ 1x management node
 - ✕ 1x compute node
- ✕ Two OS images
 - ✕ HPC image (SLURM)
 - ✕ Aiida image (Aiida container + podman)

Documentation

- ✕ Deliverable D4.3
- ✕ Due date: M24 (Sept'22)
- ✕ Will consist of motivation & architecture description
- ✕ Doxygen generated documentation will serve as appendix



Thank you!

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