

Synergies, collaborations, common initiatives

[EOSC-Future](#) (EC funded project, Apr 2021 -> Sep 2023)

- Fostering the “S” (EOsC): participation through Science Projects (SP) for Dark matter searches and Extreme Universe
- Leverage and integrate ESCAPE infrastructure (DIOS, ESAP and OSSR) to provide Virtual Research Environment for SPs

[Fenix-HPC](#) (active collaboration w/EOsC-Future and ESCAPE)

- Fostering integration of HPC common architectures with the ESCAPE Data Lake model: federated identities, common data transfer model (Data Lake+FTS+CDN) and software/code integration

[ScienceMESH](#) (active collaboration w/EOsC-Future and ESCAPE)

- Extending Data Lake functionality from Big Data to end-users [[panel discussion](#)]



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InterTwin (EC funded project, GA in preparation expected start date Sep 2022)

- Prototype an interdisciplinary Digital Twin Engine (DTE). Data lake solutions with automated management of data locality and data federation across disciplines.

ESCAPE Collaboration Agreement, maintain the community after the project ending

2023/2024 work programme for Horizon Europe being defined

And (as discussed in the session before): set-up (or join efforts with) the right fora for RUCIO, AAI, Token-based auth, DLaaS and Analysis Facilities/Platforms future activities



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- Do you think there are enough initiatives allowing to keep ESCAPE/DIOS community together and active?
- Do you see your RI/community engaged through some of the activities/projects/initiatives mentioned?
- Do you have other collaborative ideas for your RI, community, software or site?

