

# Final Workshop Prospects for Future Collaboration

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for the OSSR Team





### Future of ESCAPE

- ESCAPE transforms into the ESCAPE Open Collaboration
  - Partners use reasonable endeavours to achieve the objectives
  - Work will be managed workplan and current organisational structure
  - Partner contribute the time and effort necessary to complete the work
- •Work Plan (currently) with 12 points
  - Common infrastructure, repository and catalogue for software, VRE, collaborative operations, citizen science, advanced technologies, HPC community, virtual software institute, career development, science projects, European Strategy for Data
- Strive to include new partners
   (e.g. for onboarding following "train the trainers")







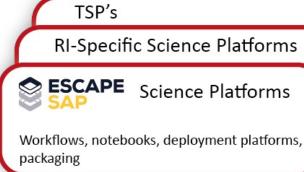
## Current ESCAPE EOSC cell

••• ESCAPE 000 OSSR

Catalogue & Repository of resources

Datasets Software & services Tutorials Training **Publications** 

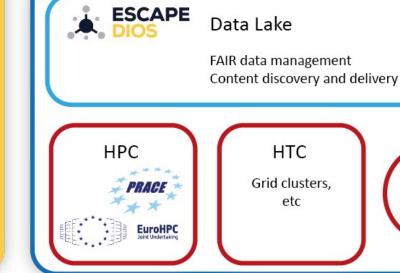




Private/public

clouds





ESCAPE, OSSR Final Workshop, K. Graf



Commercial clouds









## ESCAPE EOSC cell evolve to



#### The new ESCAPE Collaboration

**ESCAPE** 

#### ESCAPE CC

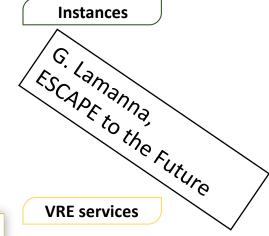
Operating the communitybased "Competence Center" for EOSC-alignment, train and support, extended outreach, financial model for services and networking with other SCL-CCs

#### work programme

#### ESCAPE EVSI

R&I for an "European Virtual Institute for Research Software" for advanced technologies

O O OSSR Open-source Scientific Software and Service Repository





coecc





Access physical & e-infrastructures Processing & Analysis Security & Operations

**ESCAPE** 

Processing & Analysis

Sharing and Discovery

Training & Support









Sharing and Discovery





• ° ° ESCAPE

Aggregator & Integrators

Sharing and Discover

Training & Support

Processing & Analysis Sharing and Discovery Training & Support







#### **Programmes**

#### **ESCAPE** COSO

Challenging "Open Science Objectives" by RI commitments in Open Science Projects (OSP) as well as Cross-Cluster Open Science Projects (COSP)

#### ESCAPE TECH

Bring the FAIRness within technology, R&D and innovation projects as well as explore new "close-to-sensors" low-latency opendata science

#### **ESCAPE** CARS

(Q)

Career development and rewarding for researcher committing in Open Science. Planning, tracking, and assessing scientific knowledge production

#### **ESCAPE SDSS**

Building synergies on "Sector Data Spaces" for Society: Green deal, Health, Manufacturing, Education and Skills

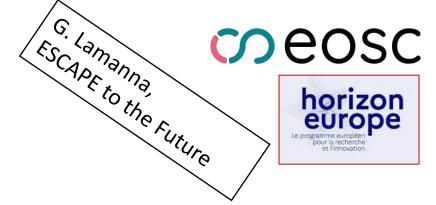








#### Inter-cluster ESCAPE "instance"



One of the announced goals within the new ESCAPE collaboration agreement work programme is the establishment of a:

"European Virtual Institute for Research Software" an inter-cluster Competence Centre for Research Software and Skills

In this context the term Research Software encompasses the software and tools used for scientific data processing and analysis, and also the software and tools associated with building and supporting the computing and data environment within which that processing and analysis is performed.





## European Virtual Institute for Research Softwar & Land Control of the Control of



- Developed in collaboration across the Science Clusters and existing national competence centres
- Providing a framework to train and to cross-fertilize knowledge between different science domains and available across domains.
- A scalable approach to the stewardship of reusable scientific software for Open Science.
- The activity should build on work in national projects as well as international cooperative frameworks such as the "foundation ones", namely the existing High Energy Physics Software Foundation (HSF) and the ESCAPE software innovation foundation group.
- It will be part of the ESCAPE "Instances",
  - ✓ raising also awareness of software and computing as a key enabler in science;
  - ensuring that software development and scientific computing is regarded as a first-class activity of performing science.

