



The ESCAPE Open Collaboration





Since February 2023, ESCAPE has a Collaboration Agreement signed by the Directors of all the partner RIs



The ESCAPE Open Collaboration Agreement (CA)

This Agreement

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The Organisations listed in Annexe 1

Hereinafter referred to as 'Parties'.

defines the ESCAPE Open Collaboration, the subject of this Collaboration Agreement.

Hereinafter referred to as "ESCAPE".

1. DEFINITIONS

Background IPR means any IPR controlled or owned by any Party prior to the entry

into force of this CA or IPR generated by any of the Parties

independently of this CA and controlled or owned by that Party;

onfidential Information has the meaning given to it in Section 7 of this CA;

Creating Party has the meaning given to it in Section 8 of this CA;

EOSC means European Open Science Cloud;

Foreground IPR means any IPR arising from tasks as described in the Work Plan and carried out in the course of this Agreement by any of the Parties;

means any and all intellectual property rights anywhere in the world

whether registered, are registerable or otherwise, including but not

limited to patents, trademarks, registered designs, domain names, applications for any of the foregoing, trade or business names, copyright and rights in the nature of copyright, design rights, rights in

tabases, moral rights and know-ho-

Party in Default has the meaning given to it in Section 14 of this CA;

means the tasks to be performed during the course of this Agreement

[further detail in Annexe 2 if required].

21st April 2022



ESCAPE - Competence centre concept and VRE status



ESCAPE Open Collaboration

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

ESCAPE A web-based highly-composable research-enabling interoperable

data platform

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

Entities



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













O O OSSR Open-source Scientific Software

Aggregator & Integrators Sharing and Discover Training & Support











Processing & Analysis Sharing and Discovery Training & Support









Sharing and Discovery





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

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

ESCAPE - How could RI users benefit from EOSC? Soscars



Virtual Observatory:

Extend the VO FAIR standards, methods and to a broader scientific context; prepare the VO to interface the large data volumes of next facilities.

Science Platforms:

Flexible science platforms to enable the open data analysis tailored by and for each facility as well as a global one for transversal workflows.

TSP's

RI-Specific Science Platforms



Science Platforms

packaging

Citizen Science:

Open gateway for citizen science on **ESCAPE** data archives and ESFRI community





Catalogue & Repository of resources

• • • • ESCAPE

Datasets Software & services Tutorials Training **Publications**



Astronomy Data VO Registry centres

Analysis Tools VO Services

Workflows, notebooks, deployment platforms,

ESCAPE

Data Lake

FAIR data management Content discovery and delivery



HTC

Grid clusters, etc

Private/public clouds

Commercial clouds



Data Lake:

Build a scalable, federated, data infrastructure as the basis of open science for the ESFRI projects within ESCAPE.

Software Repository:

Repository of "scientific software" as a major component of the "data" to be curated in EOSC.

