



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

AAI for WP3 OSSR

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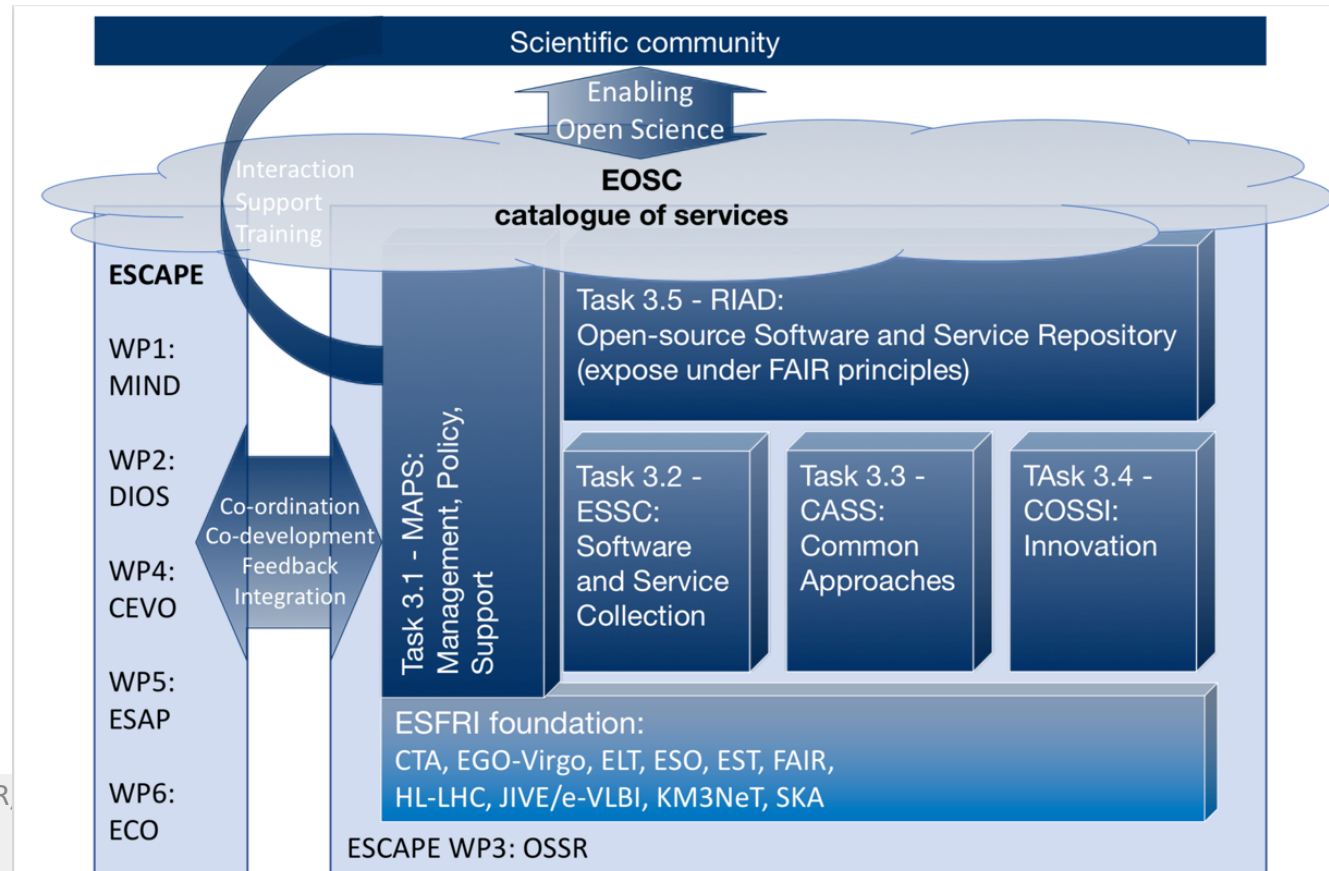
Friedrich-Alexander University Erlangen-Nürnberg

ESCAPE Progress Meeting, Brussels, 26th-27th Feb. 2020



WP3 Structure and Objectives

- OSSR strives to:
 - establish a foundation to (co-)develop EOSC-ready software and services (innovative workflows, common libraries, software development...);
 - expose them to users via the EOSC catalogue of services;

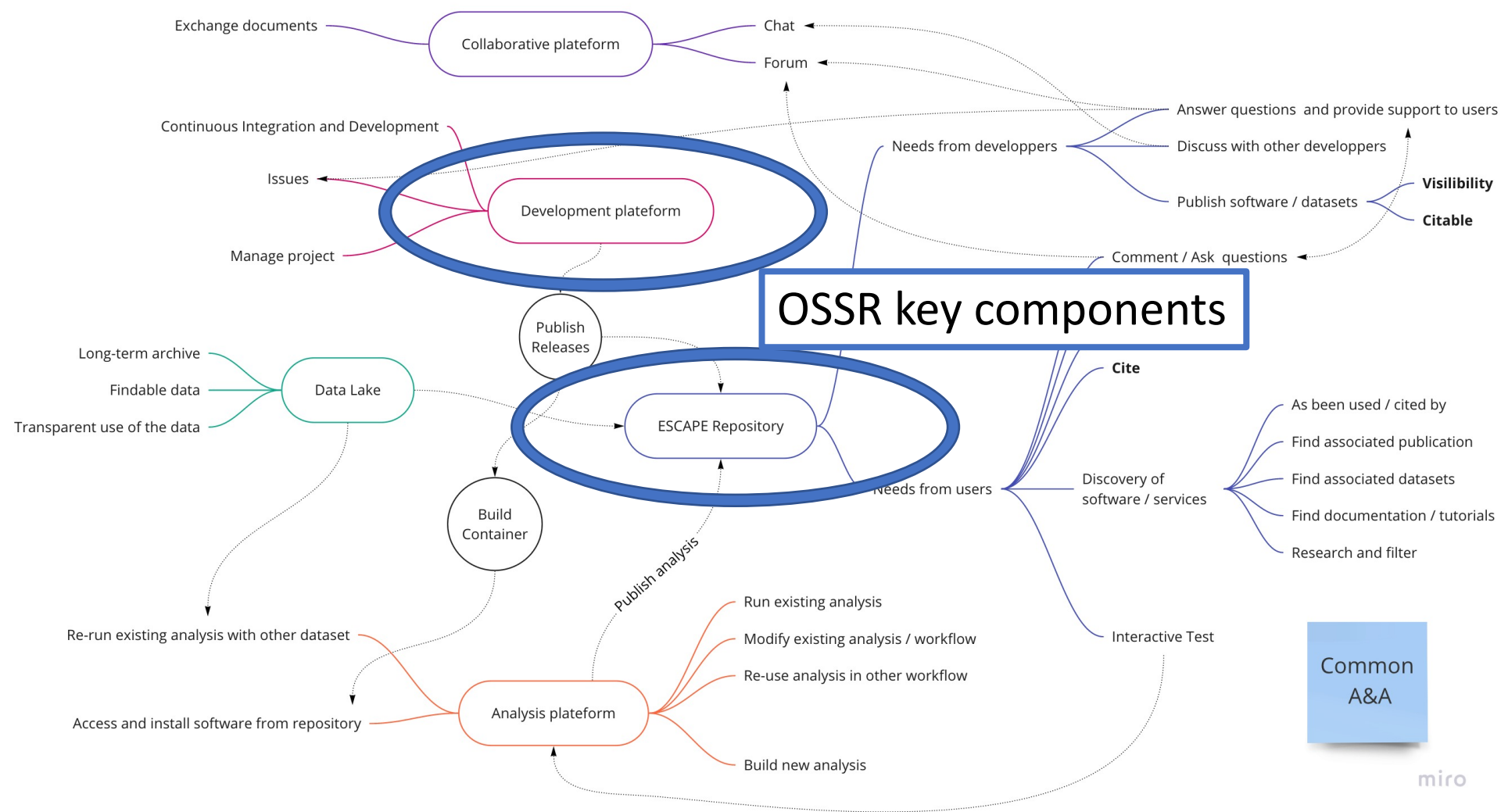


AAI for OSSR

- AAI necessary:
 - During the project
 - For the "final product":
the Open-source Software and Service Repository
- Key components:
 - Software and workflow **development platform**
 - **ESCAPE repository**



OSSR Key Components for AAI



From: T. Vuillaume



Development Platform

- Prototype: [Gitlab instance](#) with EduGain authentication

 ESCAPE2020 > Details



ESCAPE2020 

Group ID: 3018

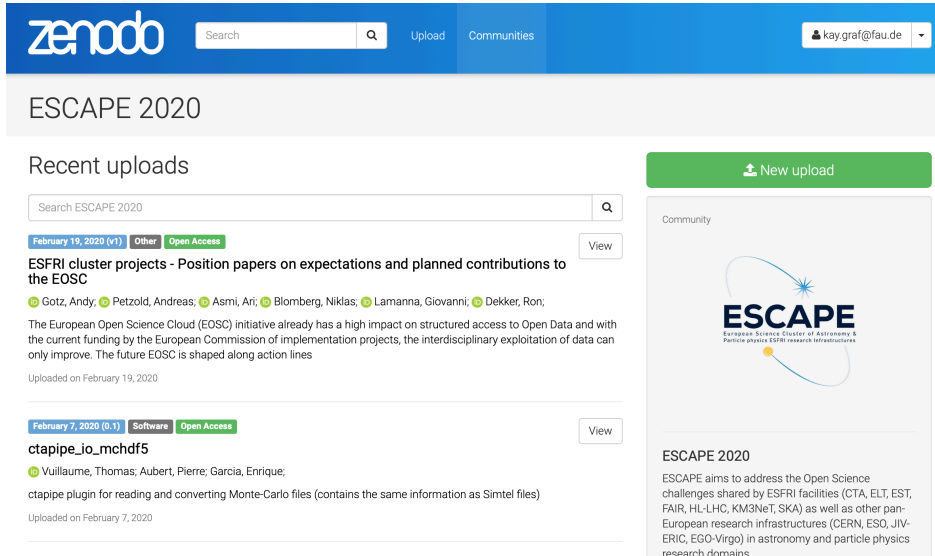
The [ESCAPE project](#) is part of the European Open Science Cloud (EOSC) initiative.

To contribute, have a look at the [developer guidelines](#)

- A&A necessary for:
 - Common software development
 - Linking of CI/CD computing resources as well as data (lake)
- Not necessary for: software download
→ open software



● Prototype: [Zonodo Community](#)



The screenshot shows the Zonodo Community interface. At the top, there's a blue header with the Zonodo logo, a search bar, and navigation links for 'Upload' and 'Communities'. A user profile 'kay.graf@fau.de' is visible. Below the header, the page title is 'ESCAPE 2020'. The main content area is divided into two columns. The left column, titled 'Recent uploads', lists two items: 'ESFRI cluster projects - Position papers on expectations and planned contributions to the EOSC' (uploaded February 15, 2020) and 'ctape_io_mchdf5' (uploaded February 7, 2020). The right column features a 'New upload' button and a community preview for 'ESCAPE 2020', which includes the ESCAPE logo and a description of the project's goals.

● A&A necessary for:

- Product (software, service) upload – pull mode also under discussion
- Linking to other services

● Not necessary for: download (licensing)



Linking all together...

- Use cases essential
- From WP3: Workflows and Test Science Cases
 - Test Science Cases under definition (see tomorrow)
 - Workflow for simulations
(CORSIKA containers and DIRAC)
- ⇒ need software, analysis platform, data lake and data discovery (across all WPs) – and all need a AAI infrastructure

