ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

AAI for WP3 OSSR

Kay GRAF

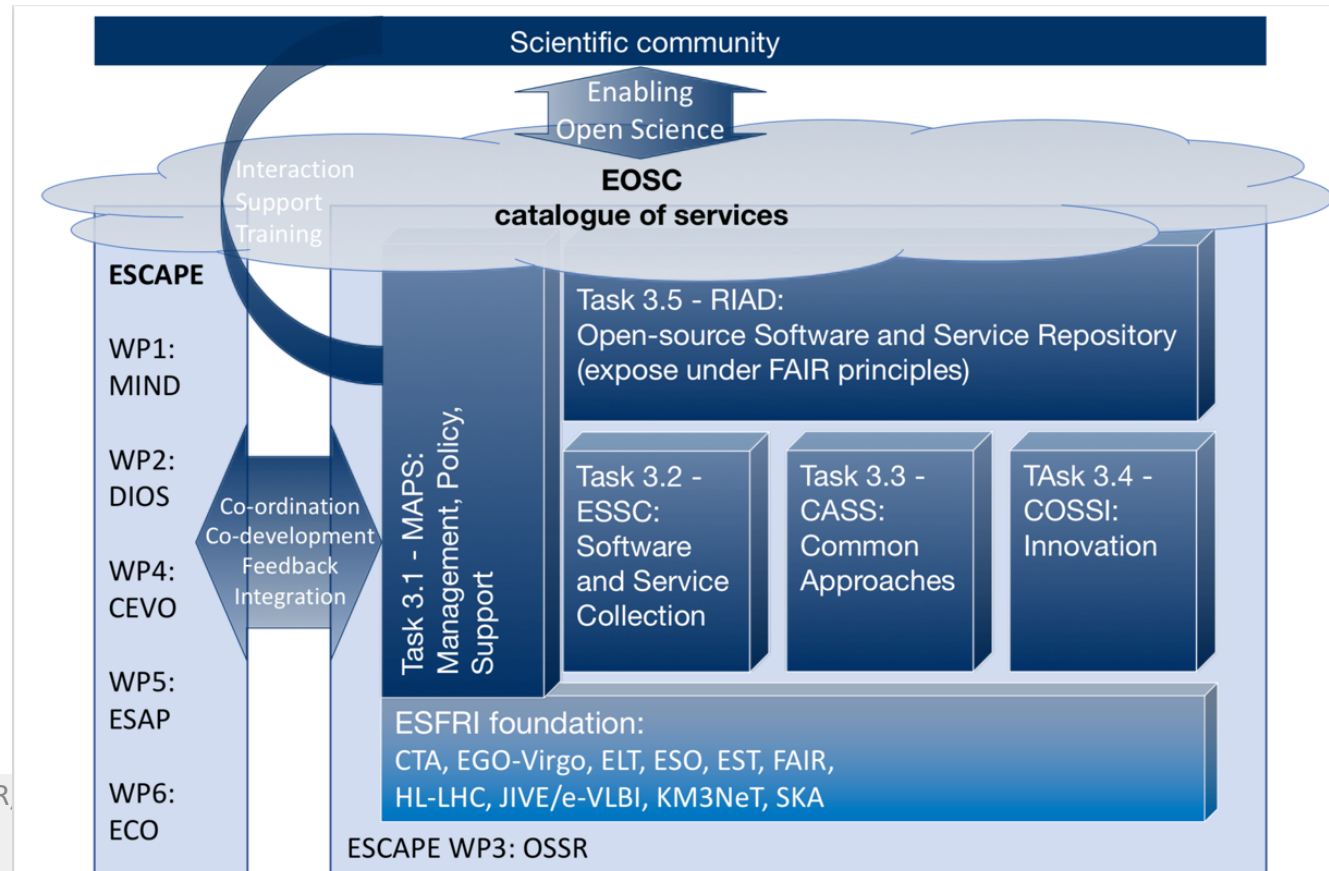**ECAP, Erlangen Centre for Astroparticle Physics**

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…);
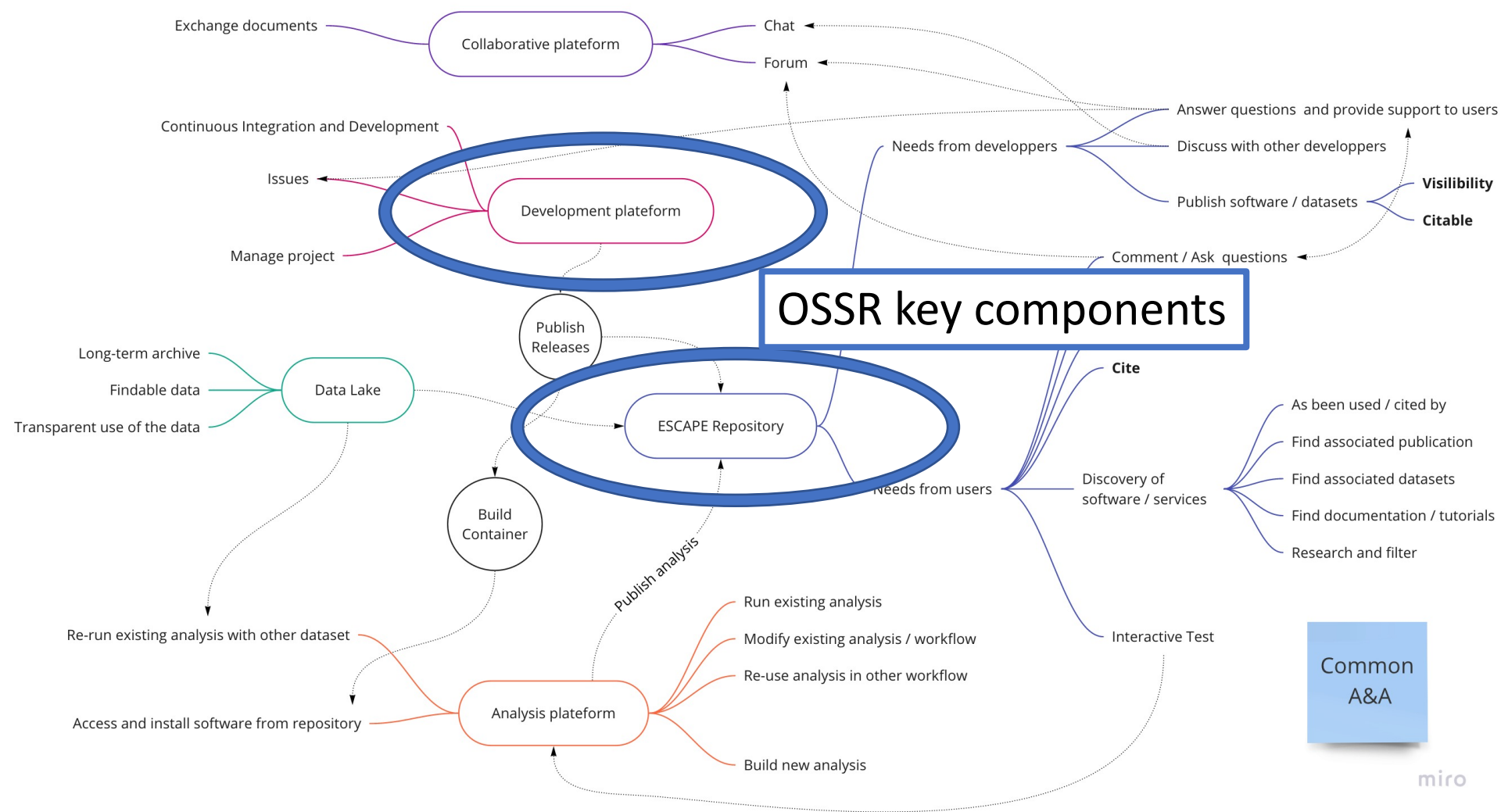 - expose them to users via the EOSC catalogue of services;

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

OSSR key components

From: T. Vuillaume

Development Platform

🟡 Prototype: [Gitlab instance](#) with EduGain authenication

⊙ ESCAPE2020 > **Details**

ESCAPE2020 🌐

Group ID: 3018

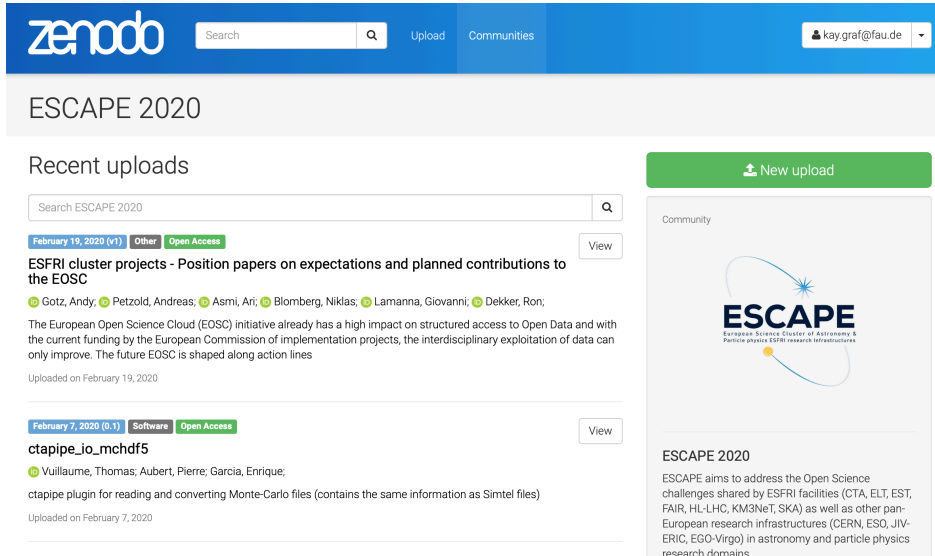The ESCAPE project is part of the European Open Science Cloud (EOSC) initiative.

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

Repository

- Prototype: Zonodo Community

- 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