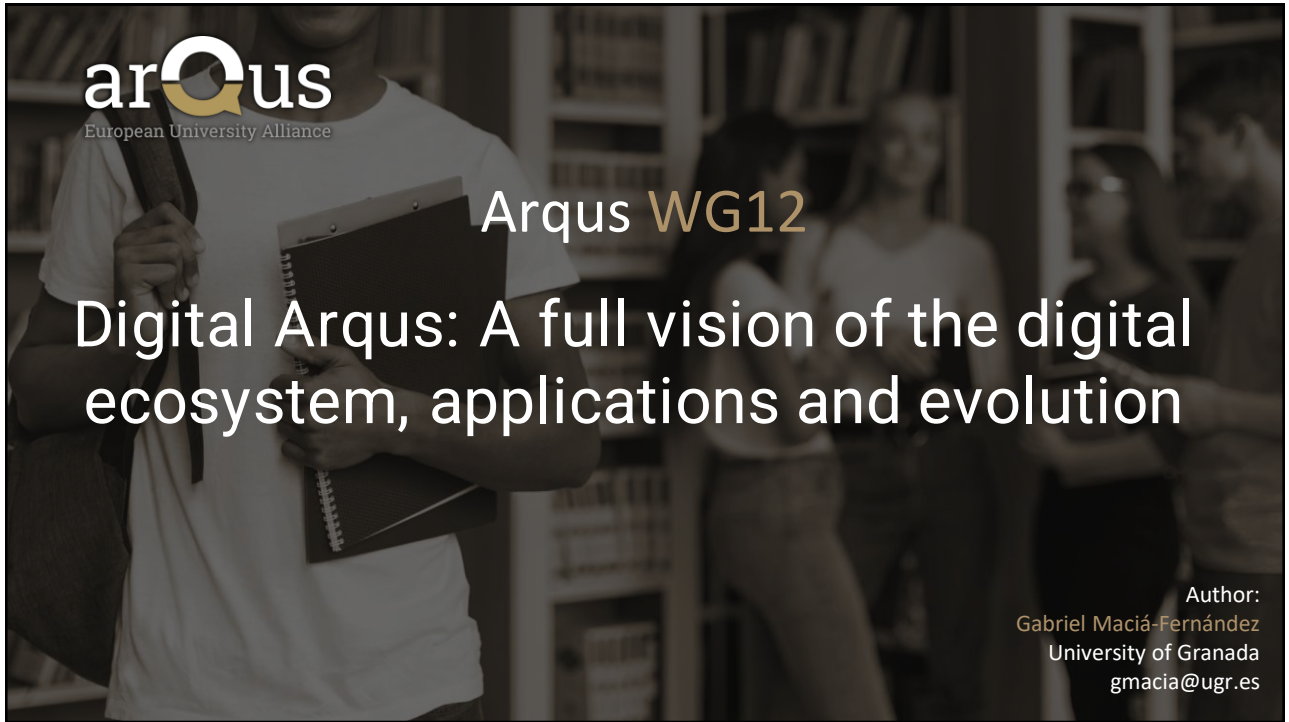




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Special thanks to
Working Group 12

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Contents of the seminar

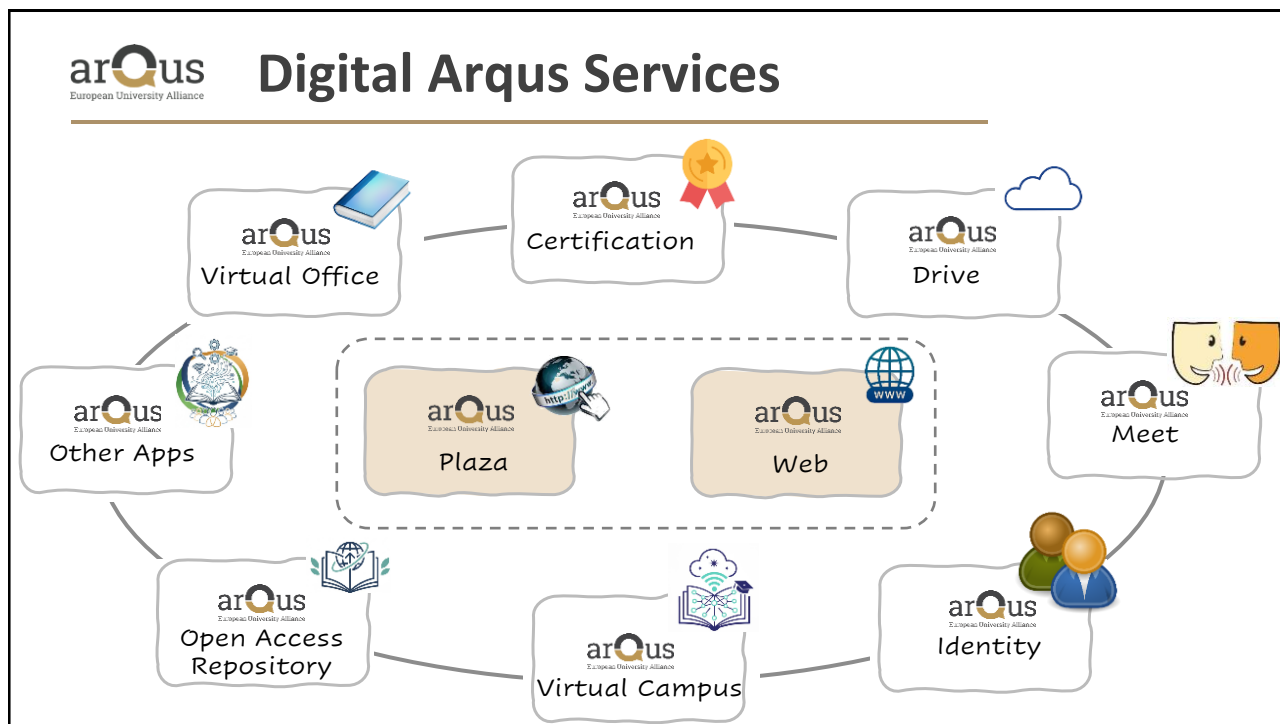
- Definitions and concepts
 - Services and platforms
 - Identity and authentication
- Digital services explained
- Two illustrative procedures
- Other use cases

3

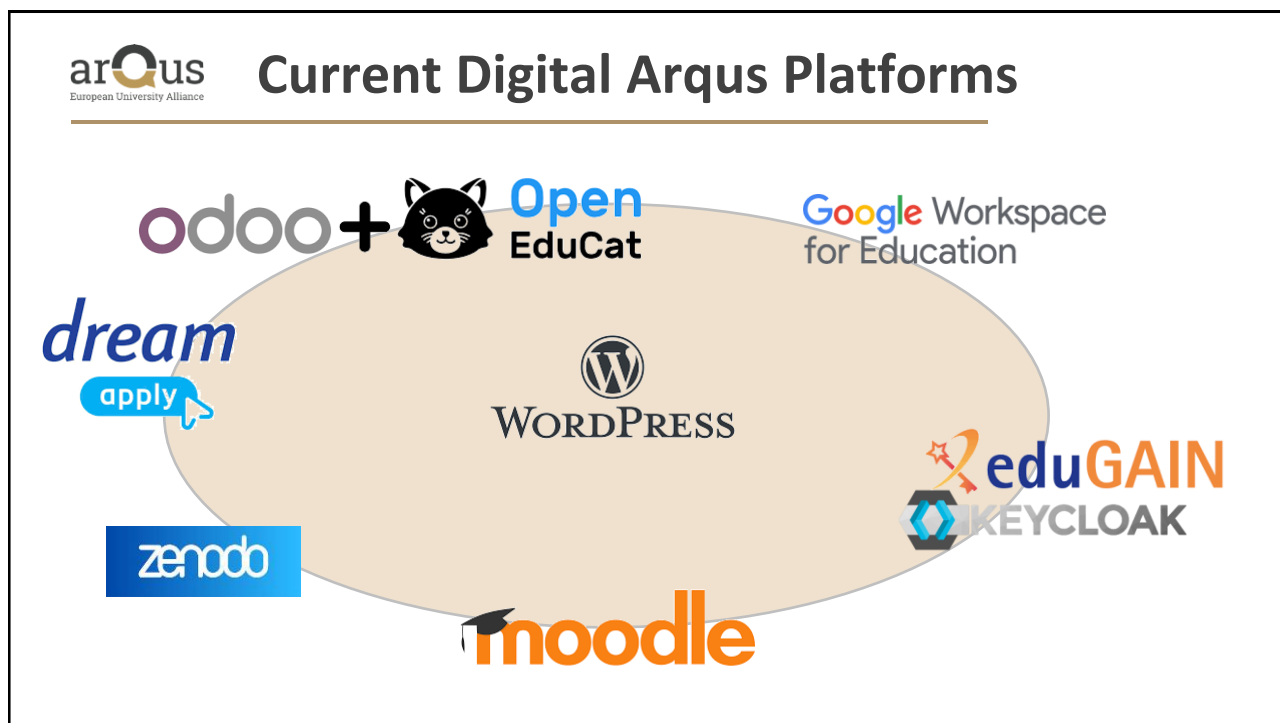
Definitions and concepts

- Service vs platform
 - Google is a platform but... meet is a service and drive is a different service
 - We might change drive service to a different platform (Owncloud).
 - From a user perspective, the service continues
- Sometimes we speak from a technological point of view when you expect a user point of view
 - Technological point of view is needed to explain the rationale of our decisions
 - Sorry for misunderstanding the cases

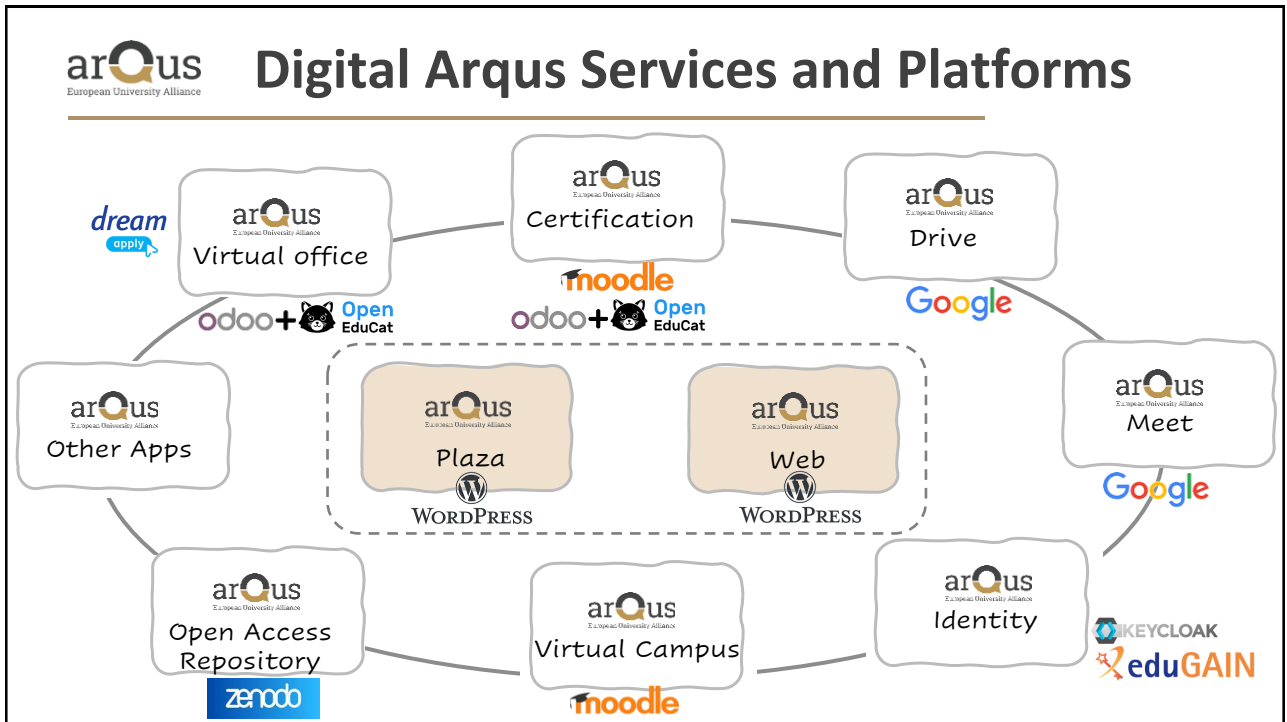
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Identity and authentication

- Arqus domain arqus-alliance.eu
- Identity in Arqus
 - Primary solution: use University IDs (email)
 - The need for a specific Arqus identifier
 - **University users:** they belong to a university (usual case)
 - **Non-university users:** Users might not belong to any university
 - Users might belong to several universities.
 - In addition, we must enable the possibility to differentiate Arqus services from university services (e.g. email)
 - Solution:
 - Using **University ID** (most cases)
 - Using **Arqus ID** (specific cases – currently only Google)

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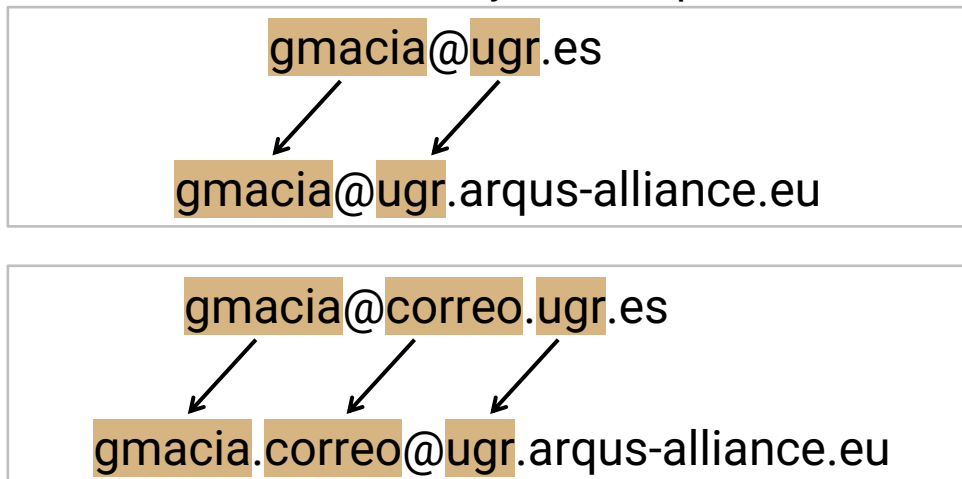
Identity and authentication

- **University ID:**
 - User email at your university
 - University prefix (*uprefix*):
 - user@**ugr**.es; user@**uni-leipzig**.de; user@**unipd**.it
 - University prefix subdomain (*usubdomain*): user@**correo.ugr**.es
- **Arqus ID:** (*only used in Google (now)*)
 - user[*.usubdomain*][*uprefix*].arqus-alliance.eu
 - user@ugr.es → user@ugr.arqus-alliance.eu
 - user@correo.ugr.es → user.correo@ugr.arqus-alliance.eu
 - No university user → user@arqus-alliance.eu

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Identity and authentication

- **Translation from University ID to Arqus ID:**



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Identity and authentication

- Credentials (**do not confuse with ID**)
 - Digital Arqus is configured now to enable the usage of your university credentials **for all the services (even those using Arqus ID)**
 - Non-university users would use specific Arqus Credentials
- How can I get my user for Digital Arqus?
 - University IDs are enabled in all the Arqus services (no need to create users)
 - **Arqus IDs (Google Service) must be created before using them**
 - Request them by contacting with support:

digitalarqus@arqus-alliance.eu

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Identity and authentication

Request form for creation of
Google users
(work in progress)

arQus
European University Alliance

Arqus User Registration

First Name

Last Name

Username (without @arqus-alliance.eu)

University

-- Select --

Password (optional)

Temporal123!

Create User

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Summary of concepts

- Services and platforms
- Which user do I have to use?
 - University ID for all services (except Google currently)
 - Arqus ID for Google (and other possible services)
 - Non-university members would use only Arqus ID
- Credentials: the same as in your university (for university ID as well as Arqus ID)
- **Very important:** Support for digital Arqus (Single Point of Contact)

digitalarqus@arqus-alliance.eu

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Arqus digital services explained

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Arqus identity service



- Single Sign On (SSO)
 - See previous slides about IDs and credentials
 - You login in one platform and don't need to log in in the others
- Demo
 - Login in Plaza and LMS
 - University ID and university credentials
 - Login in Google
 - Arqus ID and university credentials
 - IMPORTANT (*specially for Leipzig*): In Google, you are not using your university identity but Arqus ID.

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Arqus drive



- Google Education Pro workspace licence for Arqus
- Storage of files
- Sharing files accross alliance
- License plus:
 - RGPD Compliance. Storage of files in EU

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Arqus meet



- Videoconference
- Chat
- License plus:
 - Recording of video meetings
 - Broadcast (100.000 viewers)
 - More attendants allowed in meetings (500 attendants)
 - Advanced functionalities
 - Quizzes, breakout rooms, subtitles

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Arqus web



- Landing website for **institutional information**
 - Alliance information
 - Calls
 - News and events
 - Contact
- Well segmented for sectors
 - Students, researchers, admin staff, stakeholders, citizens
- General information about activities of the alliance
- Currently references to academic offer (Study in Arqus)
 - To decide if it moves to Plaza

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- Landing website for **operational information**
 - Public area
 - **Academic offer (course catalogue)** (see next slide)
 - Public procedures and F.A.Q
 - Tutorials
 - Links to other services (Virtual Campus, Virtual Office, digital library)
 - Technical contact
 - Private area
 - Access to other Arqus private Apps (e.g. Partnering Platform)
 - Arqus in numbers (Quality)
 - Private documentation

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- Academic offer (**course catalogue**)
 - Current situation
 - Master information are in web (study in Arqus) and Course Catalogue (Plaza)
 - Other studies (MOOCs, modules) are in Plaza
 - Needs
 - Unique point of information (publishing location) → Plaza
 - Back-office utility for admins
 - Implementation:
 - Currently manual addition of courses in web and backend in plaza (CM Course Catalogue plugin)
 - When virtual office is available, courses will be added in Virtual Office

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Arqus Virtual Campus



- Moodle based
- Ongoing work
 - Mirror courses with local universities Virtual Campuses
- See specific seminar for Virtual Campus

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Arqus Virtual Office



- Full functionality
 - Under procurement
 - Expected contract during November/December 2025
 - Project duration: 6 months
 - Expected available date: **June 2026**
- Temporal Functionality
 - Application platform Dream Apply available



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Arqus Virtual Office



- Functionalities (1/3)
 - General
 - Intuitive and fast to learn
 - Open source – allows interconnection and improvements
 - Mobile app included
 - Faculty private area
 - Gradebook
 - Active courses and lists of enrolled students
 - Notifications
 - Attendance control

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Arqus Virtual Office



- Functionalities (2/3)
 - Admin staff area
 - Definition of academic years, terms and fees
 - Creation of departments, programmes, courses and batches
 - Student and faculties admission and enrolment
 - Automatic publication of courses in course catalogue
 - Mobility registration
 - Certificate issuance and invoicing

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Arqus Virtual Office



- Functionalities (3/3)
 - Students private area
 - Course application and enrolments
 - Course registration and payment → two alternatives (VO and dream apply)
 - Gradebook
 - Planned tasks and events
 - Mobile App
 - Alumni area
 - Events, calls, register of alumni

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Arqus Virtual Office



- Interaction with other services
 - Virtual campus
 - When a course is defined in VO, it can be indicated that a course in VC is also created
 - Enrolments in VO should be updated in VC
 - Local universities' virtual office
 - Exchange of records between Arqus VO and Universities systems
 - There is an open API in ODOO to allow interaction between systems
 - OpenEduCat allow to export/import data in csv format
 - Plaza – Course Catalogue
 - When admin staff creates a course/programme in the Virtual Office, it will be automatically published in Plaza

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Arqus Certification



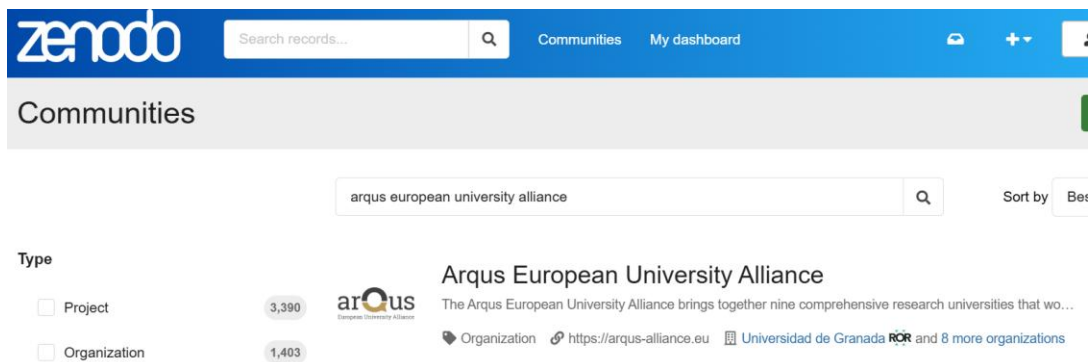
- Certification in two alternatives platforms
 - Virtual office (when available)
 - Virtual campus (under test)
- Ongoing
 - Currently we are working on trying to get a platform that allows the issuing of verifiable credentials for EuroPass.

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Arqus Open Access Repository



- Zenodo is the EU Open Research Repository
- We have a community for Arqus Alliance



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Other apps

- Linked from Plaza (public or private area)
- Currently:
 - Partnering platform
 - Census (in progress)

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Two illustrative procedures

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Digital Arqus User creation

- No need to create university ID for access to most services
 - Services are already accessible for Arqus Alliance members with University ID
- To get ArqusID for Google
 - Current process
 - Ask to the *digitalarqus@* support
 - Prospective process (when VO available)
 - Fill the form for registration and it automatically creates the account

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A course lifecycle (1/4)

- Step 1. Course approval
 - TBD: Education board gives consent (or define a default policy) to include a course in the digital ecosystem
- Step 2. Course dissemination
 - Course coordinator provide data to admin staff
 - Course is published by admin staff in the course catalogue (Plaza)
 - Currently: Using the Plaza backend
 - Soon: Using the VO backend

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A course lifecycle (2/4)

- **Step 3. Course application by students**
 - Now: Applications are configured and collected in Dream Apply. Payments can be done by transfer, attaching the justification in DreamApply
 - Soon: Managed directly in the Virtual Office
- **Step 4. Students admission**
 - Now. Dream Apply
 - Soon. Virtual Office

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A course lifecycle (3/4)

- **Step 5. Course creation and enrolment**
 - Course is created in the Virtual Campus and the students are enrolled
 - Now: manually by IT staff, being requested to *digitalarqus@* support account
 - Soon: By admin staff in Virtual Office
- **Step 6. Course teaching**
 - Faculty configure teaching material in Virtual Campus
 - Students and faculties interact in Virtual Campus

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A course lifecycle (4/4)

- **Step 7. Course evaluation and grades**
 - Evaluation activities registered in Virtual Campus
 - Final Grades are kept and (optional) transferred to organizing universities
 - Now: grades are saved only in Virtual Campus and are manually transferred to member universities' systems
 - Soon: grades are saved in Virtual Office and [automatically / manually] transferred to member universities' systems
- **Step 8. Course certification**
 - Now. Only in Virtual Campus
 - Soon. Both in Virtual Campus and Virtual Office

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Use cases

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Common use cases

- I need to build a **database** with information and share it with a limited group of people
 - Use the Virtual Campus in a course restricted for that group of people
- I need to build a **communication community** for sharing information (documents, forums, etc.)
 - Use a course in Virtual campus, adding the members of the community as students or teachers (editing permission)
- I need to publish documents in **open Access**
 - Use the Zenodo open Access repository

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Common use cases

- I need a working repository for collaboration in a WG
 - Use Arqus Drive for this purpose
- Meetings for a group of people
 - Use google Meet
- Publish a procedure
 - Place: Arqus Plaza – contact the IT team in digitalarqus@
- Publish news about activities
 - Place: Web – Contact the comm team

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Common use cases

- Let's complete this with your own use case

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www.arqus-alliance.eu
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