

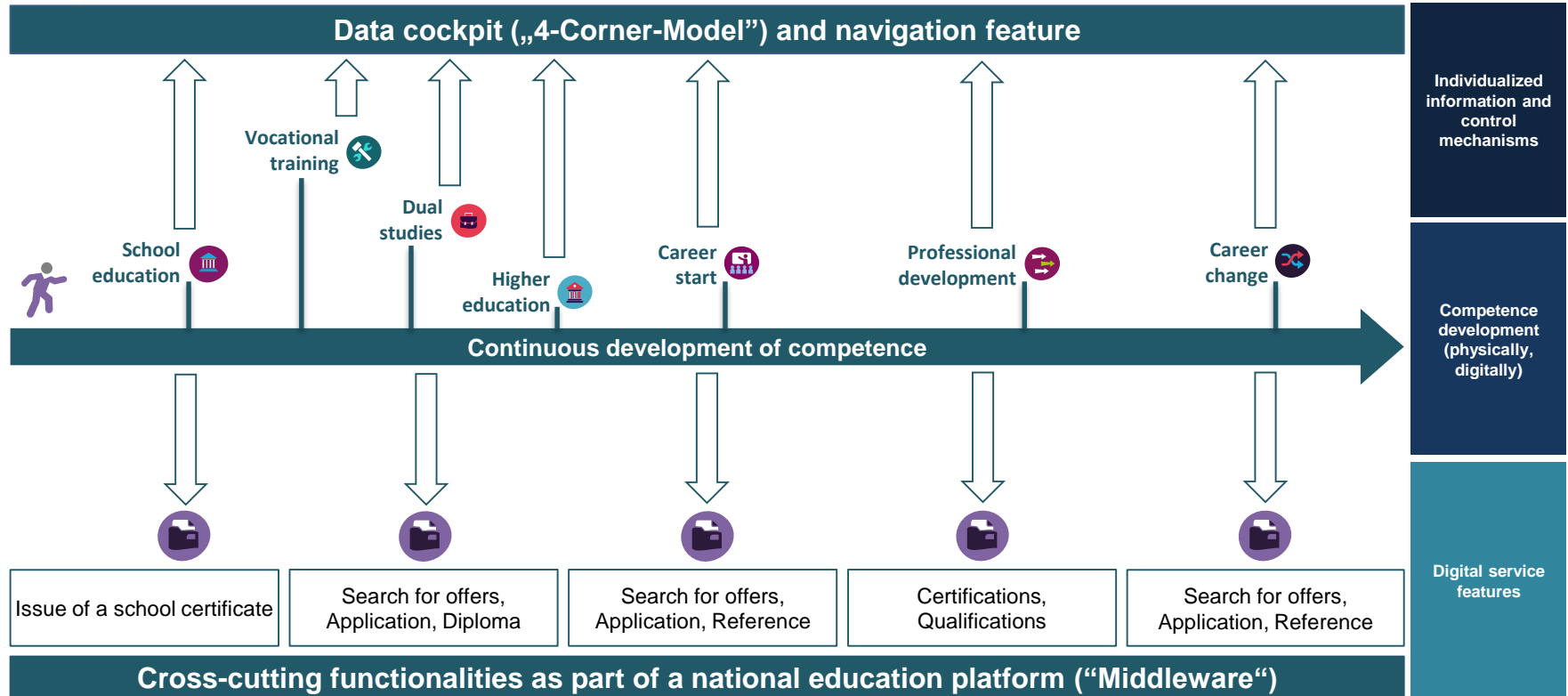


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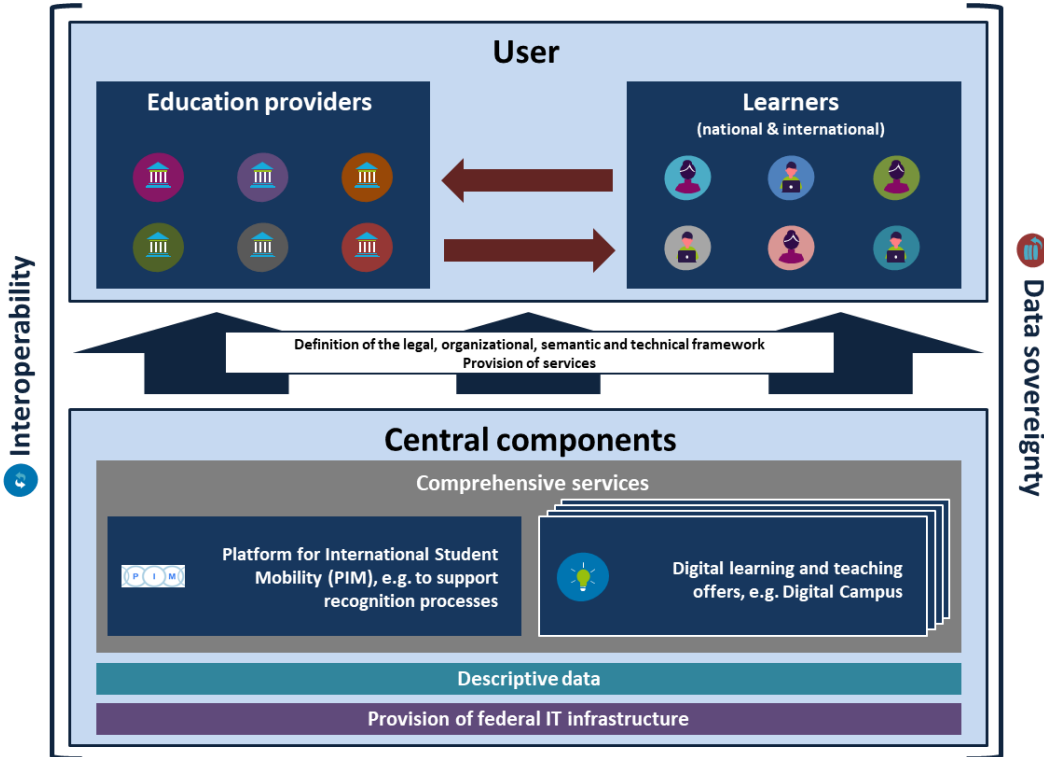
Reusable functionalities of the projects PIM and XHochschule for the German education platform

13 October 2020

Data is collected, checked and exchanged throughout the entire educational process



PIM and XHochschule are essential projects for a sustainable offer of digital services for students



The quality of the offers for competence development is essential:

- » **SDG-Regulation** obliges **universities** and **educational institutions** to **digitize their administrative services** by the end of 2022
- » **Digitization in the education sector** must take place against the background of **user orientation**, **interoperability**, **data economy**, **data sovereignty** and **data security**
- » **PIM** develops a **platform and components** for **digital recognition**, **application and authentication in higher education**
- » **XHochschule** offers, by **harmonization and standardization**, **machine-processable proofs** and **systems for artifacts in the university area**

The XHochschule standardization project is a prerequisite for implementing the SDG-Regulation in the university sector

Information on the project:

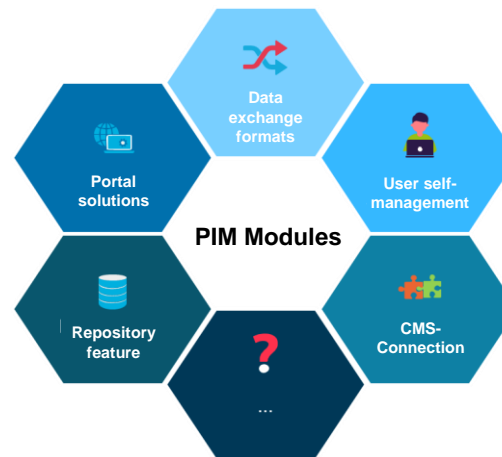
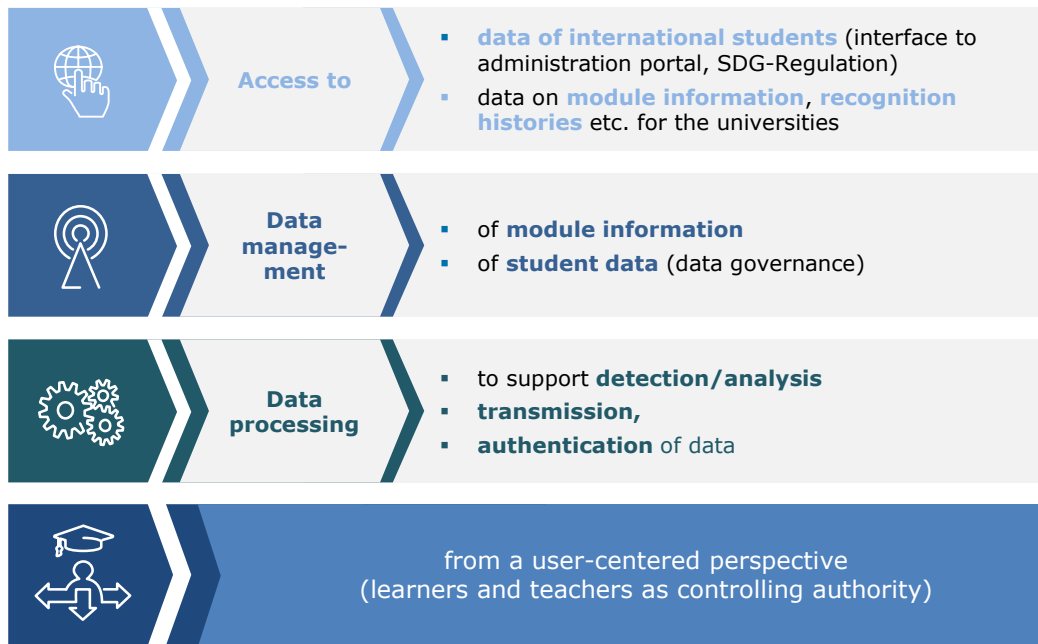
- » XHochschule is a **standardization project** regarding education to implement the **SDG-Regulation**
- The aim is to **standardize the exchange of student data** in the **national higher education system** for the **seamless processing** of administrative services
- » **Catalog function, data on curricula and competence goals of the teaching modules** as the core of the standard
- Development and coordination based on a **standardization strategy** and with the close involvement of the **universities and the federal states**
- » Implementation of the **SDG-Regulation under consideration of eIDAS, GDPR and the Bologna process**

Key points of the elaboration:

- » Consideration of the **administrative structure** and integration of **relevant committees**
- » Use of **cross-sectional functionalities**
- » Acceptance through **broad and open participation** and consideration of the **tight time frame**
- » **Ensuring interoperability with registers and EU interfaces** (Europass, EDCl, EWP, EDSSI)
- » Re-use of **existing standards** and **jointly agreed core of data** on evidence for the **education journey**

Through digitally supported core processes, PIM makes an important contribution to digitization in the education sector

PIM designs:



Modules are transferable to other educational areas



PIM core processes and cross-sectional functions can be reused for the entire educational journey

PIM core processes:

1. Providing information
Information on study programs and modules
Provision of a storage for submitted artifacts (certificates etc.)
Provision of an application service
2. Supporting the authenticity check
Checking the authenticity of submitted artifacts
Support for the allocation of study places
3. Supporting the recognition of prior study periods
Provision of structured module information
Provision of the recognition workflow
Provision of the recognition history


Contribution to implementing the SDG-Regulation


Administration services	OZG-ID
Admission of foreign students in the EU	10060
Admission of foreign students outside the EU	10060
Crediting and recognition of periods of study and academic achievements	10055
Allocation of study places at universities	10061
Assessment of foreign university qualifications	10055


Recourse to cross-sectional functions (authentication etc.)

PIM and XHochschule therefore provide important components that can be reused on educational platforms

Reusable components:

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- Cross-sectional functions:
 - IDM
 - Data cockpit/Data trustee
 - User account
 - Re-use of functionalities in other sectors, e.g. module catalogs or recognition service in the area of regulated professions
 - Link to accounts, wallet and third-party applications (z. B. Europass)

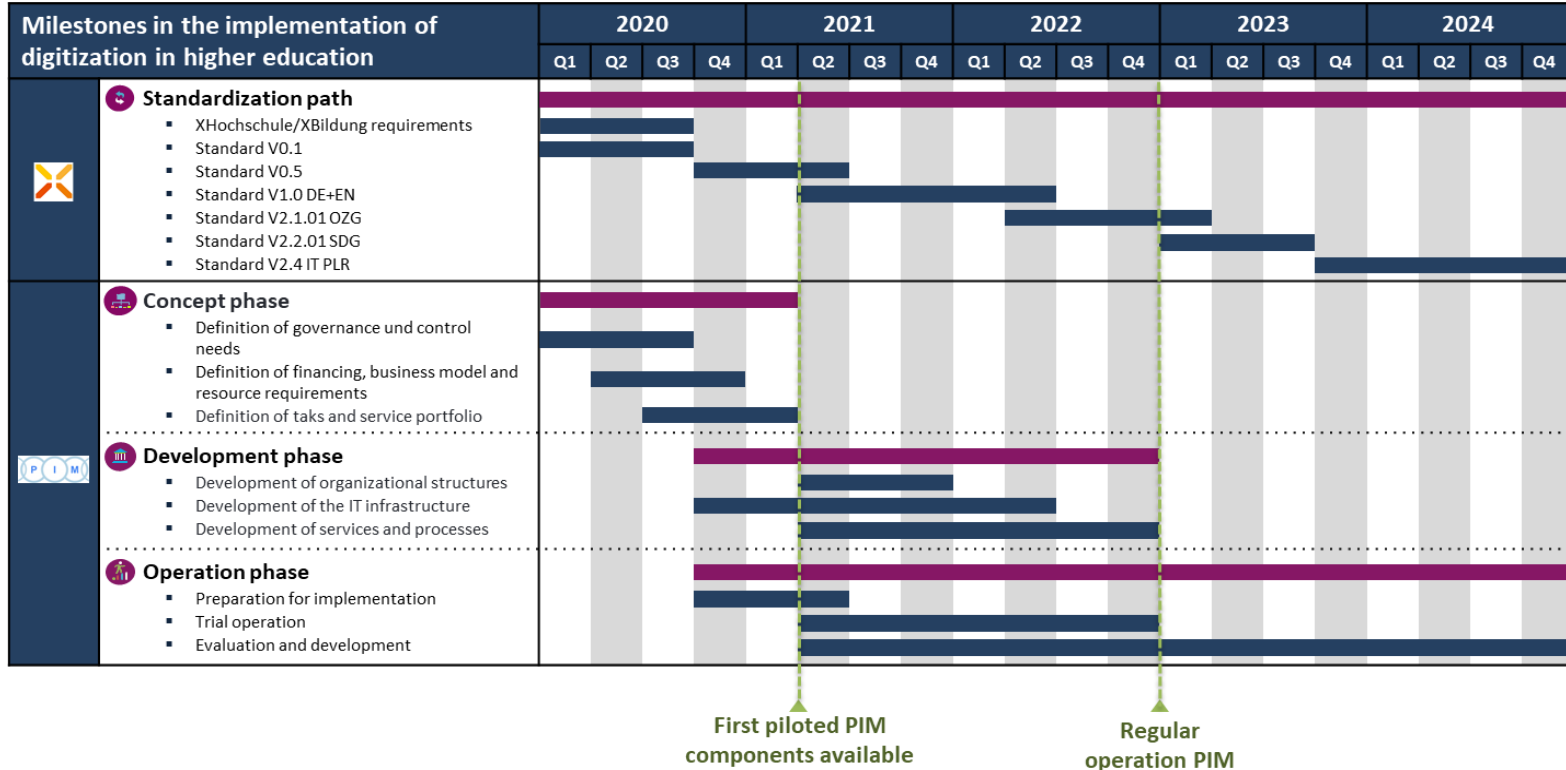
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- Data standard for the harmonized, seamless and machine-readable data exchange of formal / informal certificates



**Linking of different
teaching and learning
offers on the
education platform**



Piloted components of the projects are available promptly and are continuously developed





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