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ESC Conference of dissemination

Münster, Germany

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European Student Card

User guide for implementation

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version 1.0

Table of content

1. What is the European Student Card ?

- A new standard based on HEI collaboration
- European card features
- A first step towards multi-services

2. How does it work ?

- How can the card be used ?
- How is the card issued ?
- What information is stored and where ?

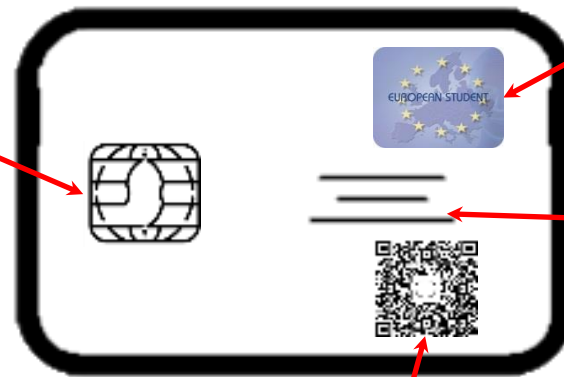
3. How do I get in ?

- What are the implementation choices to be made ?
- How do I set things up ?
- What is the impact on my internal procedures ?

European Student Card (ESC) specific features

A smart card chip storing identification data. It can be used like the QR code but also grants access to potential additional services.

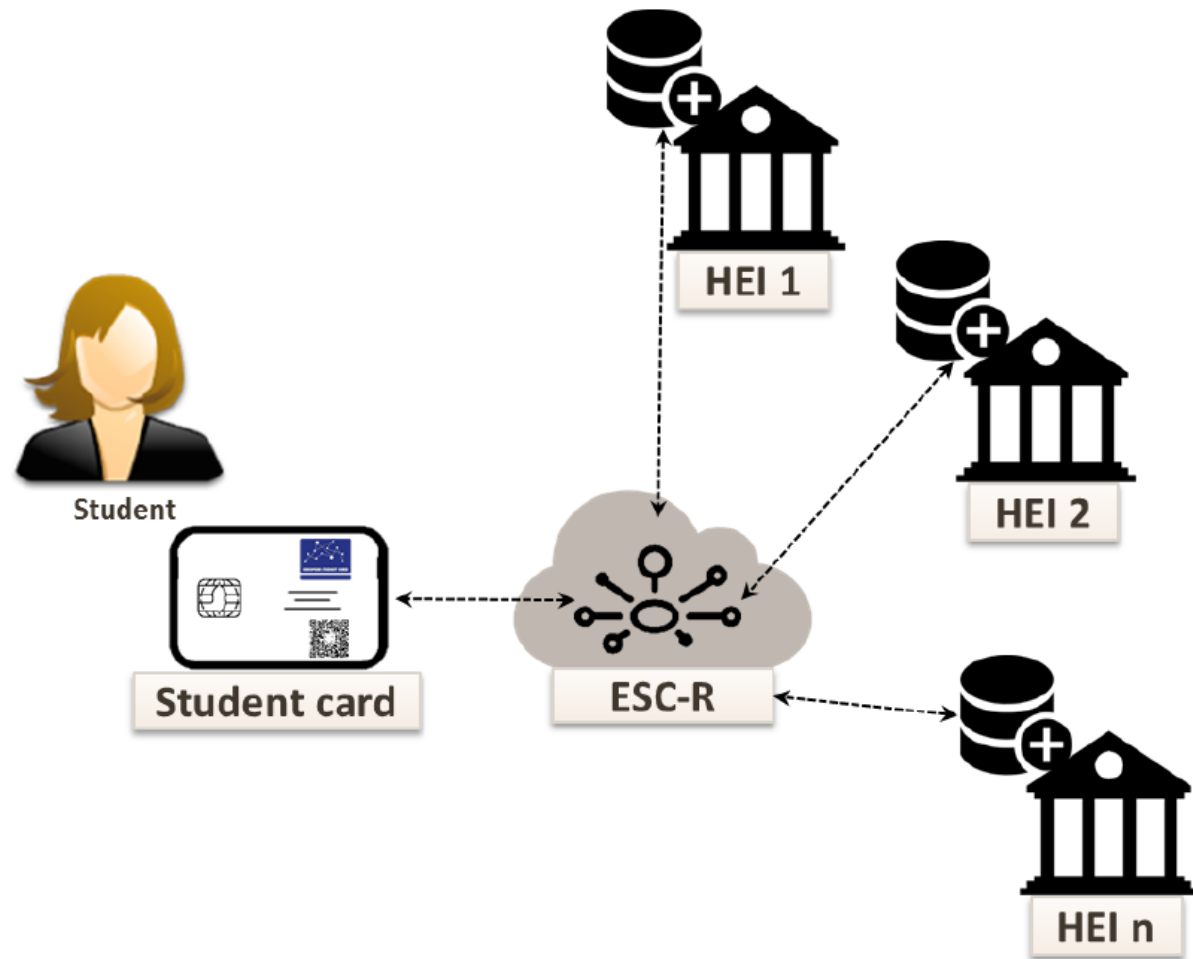
A specific holographic logo, to facilitate visual authentication and help prevent forgery.



Written personal information that can be matched to other identification documents for more security

The QR code, unique for each card, that can be read by any proper device to check the card validity in an online registry.

The European Student Card System - ESC

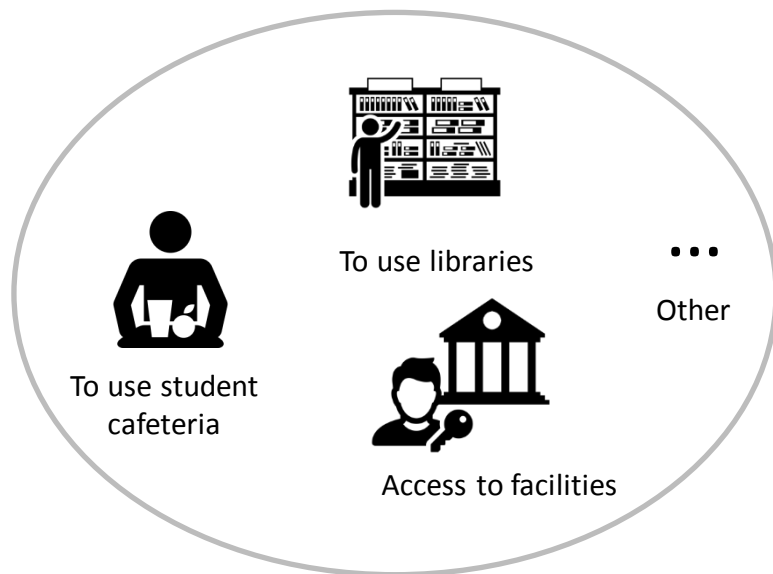




Services opened to foreign students carrying a European Student Card



Define what are the services that are available to any student carrying an ESC.



Then, for each service:

- define requirements regarding the card (ESC components, photo ...)
- Define additional documents that may be required to deliver the service (additional piece of ID, contribution etc.)

Project's scope

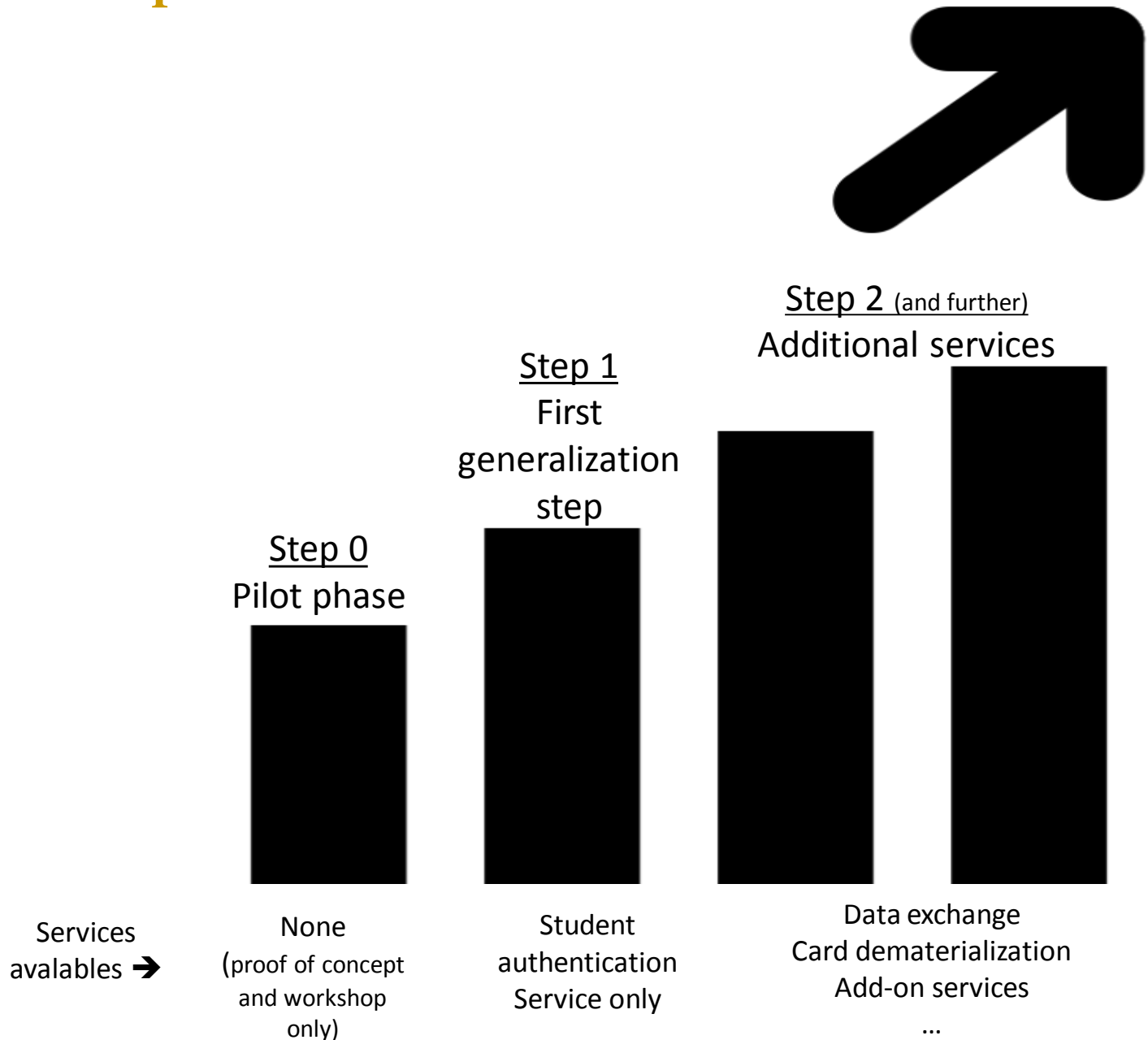


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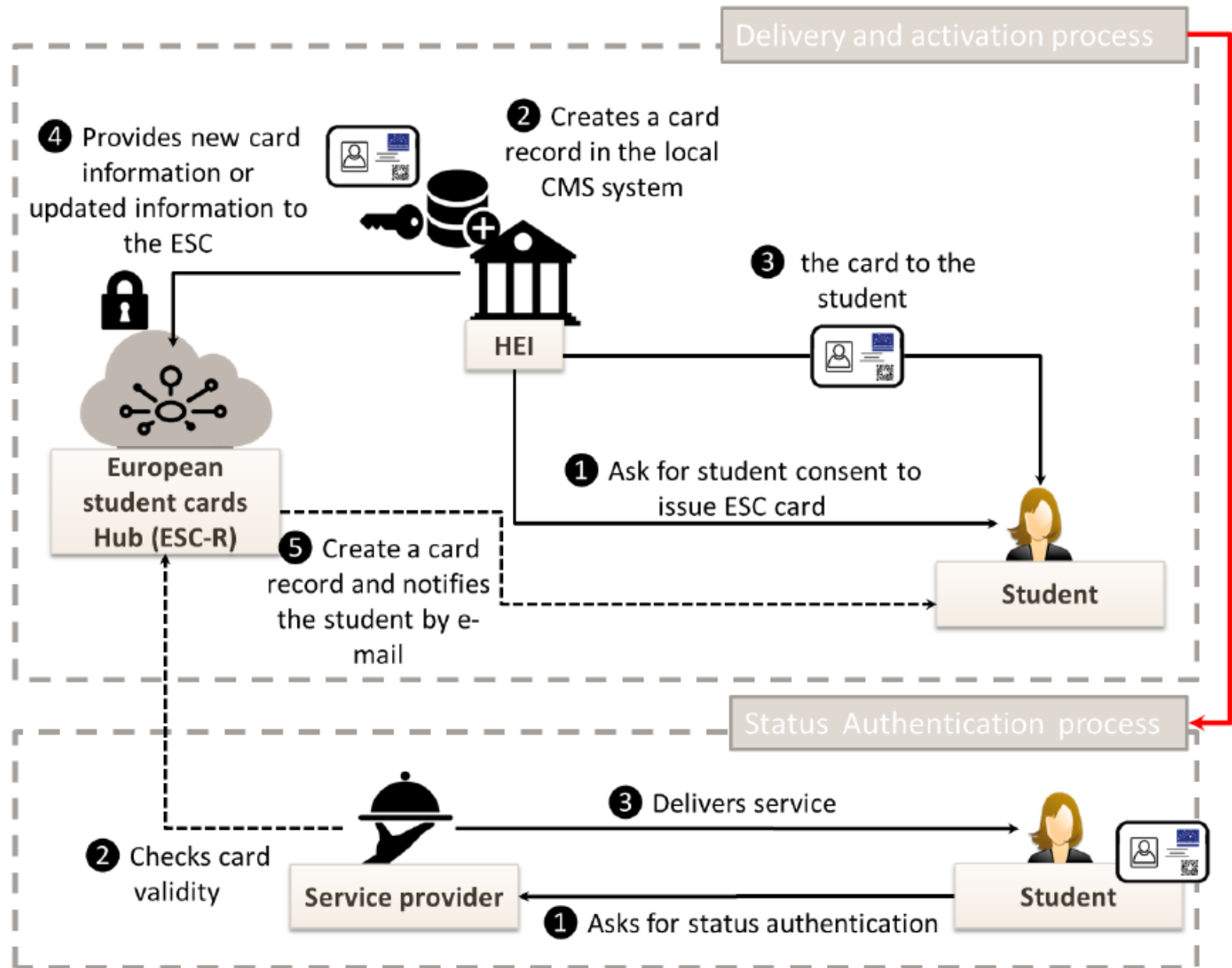
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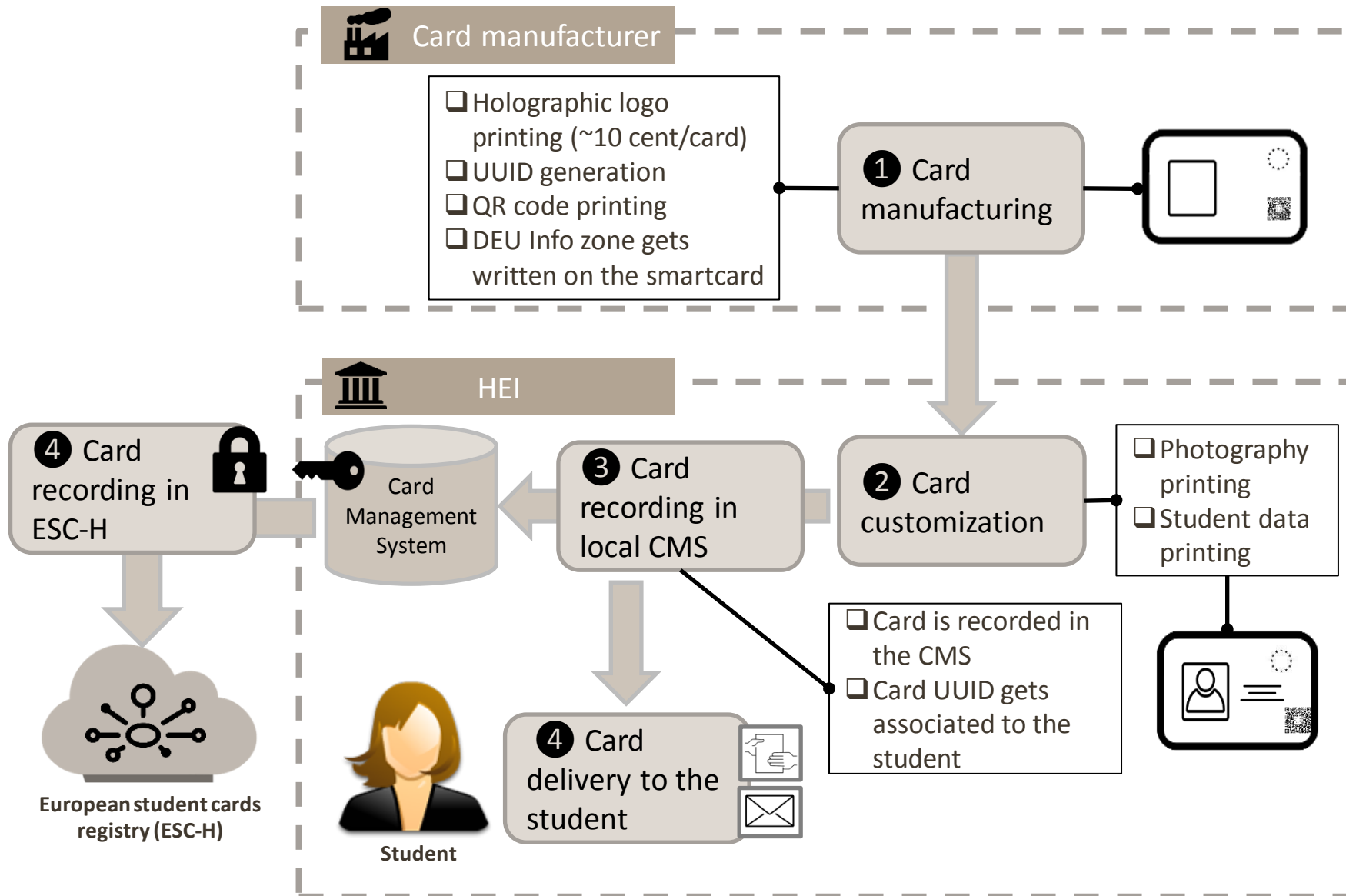
How It works and how is it used ?



Main rules and principles

Each HEI keeps the full control over the card production for its students

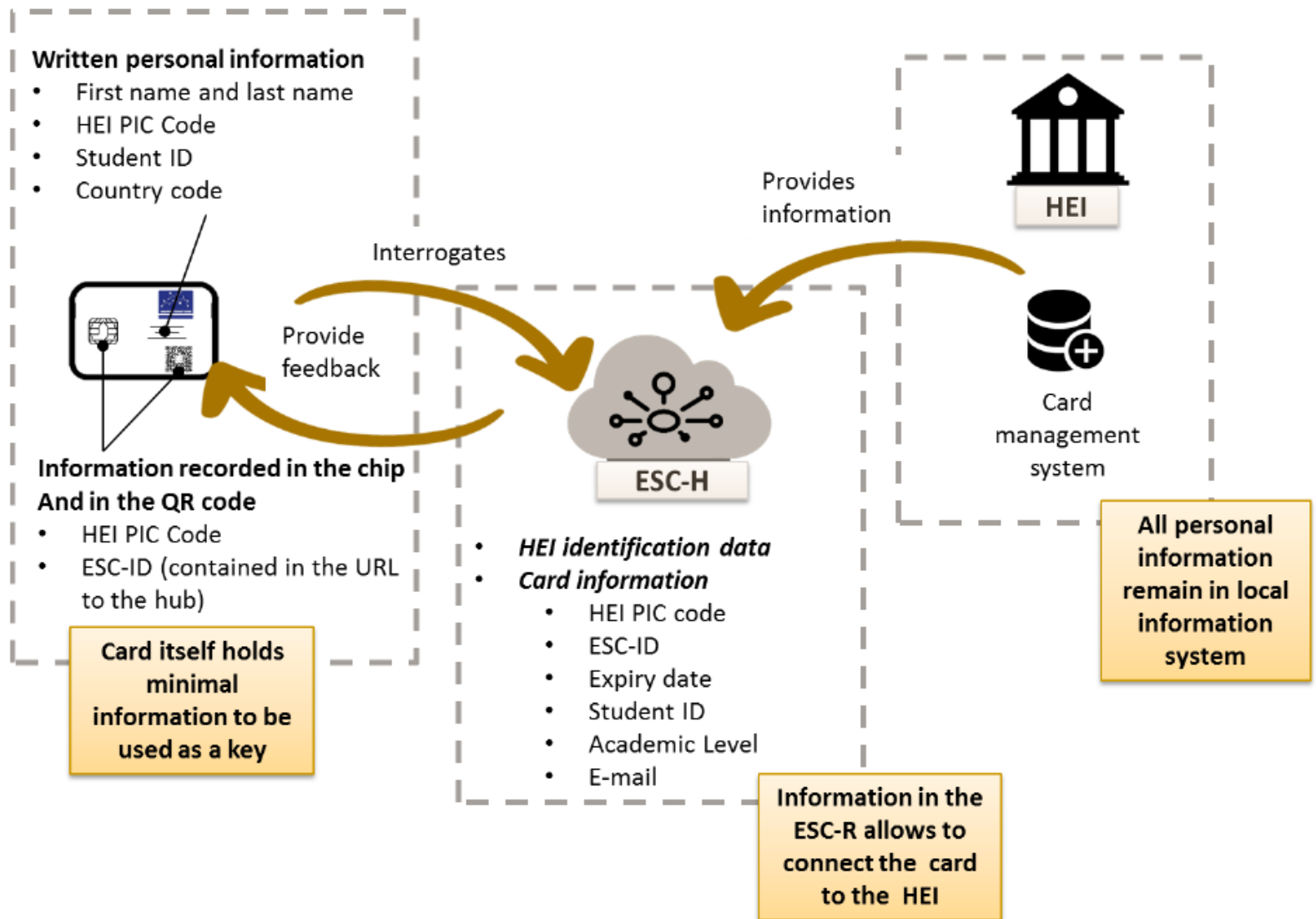
How is the card issued ?



Main rules and principles

In the context of the implementation of the ESC project, each HEI is responsible for ensuring full conformity to all aspects of GDPR (General Data Protection Regulation)

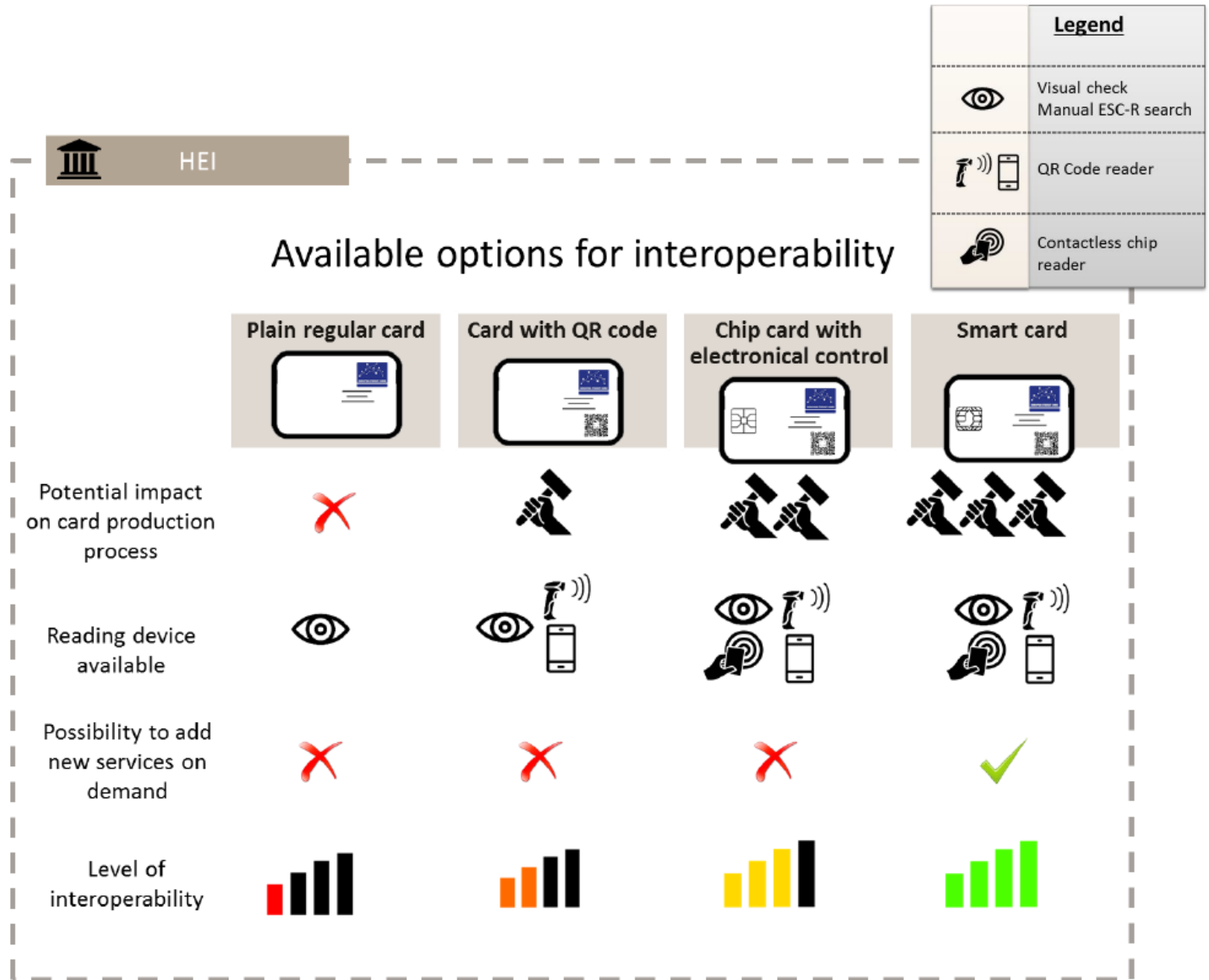
What information is stored and where ?



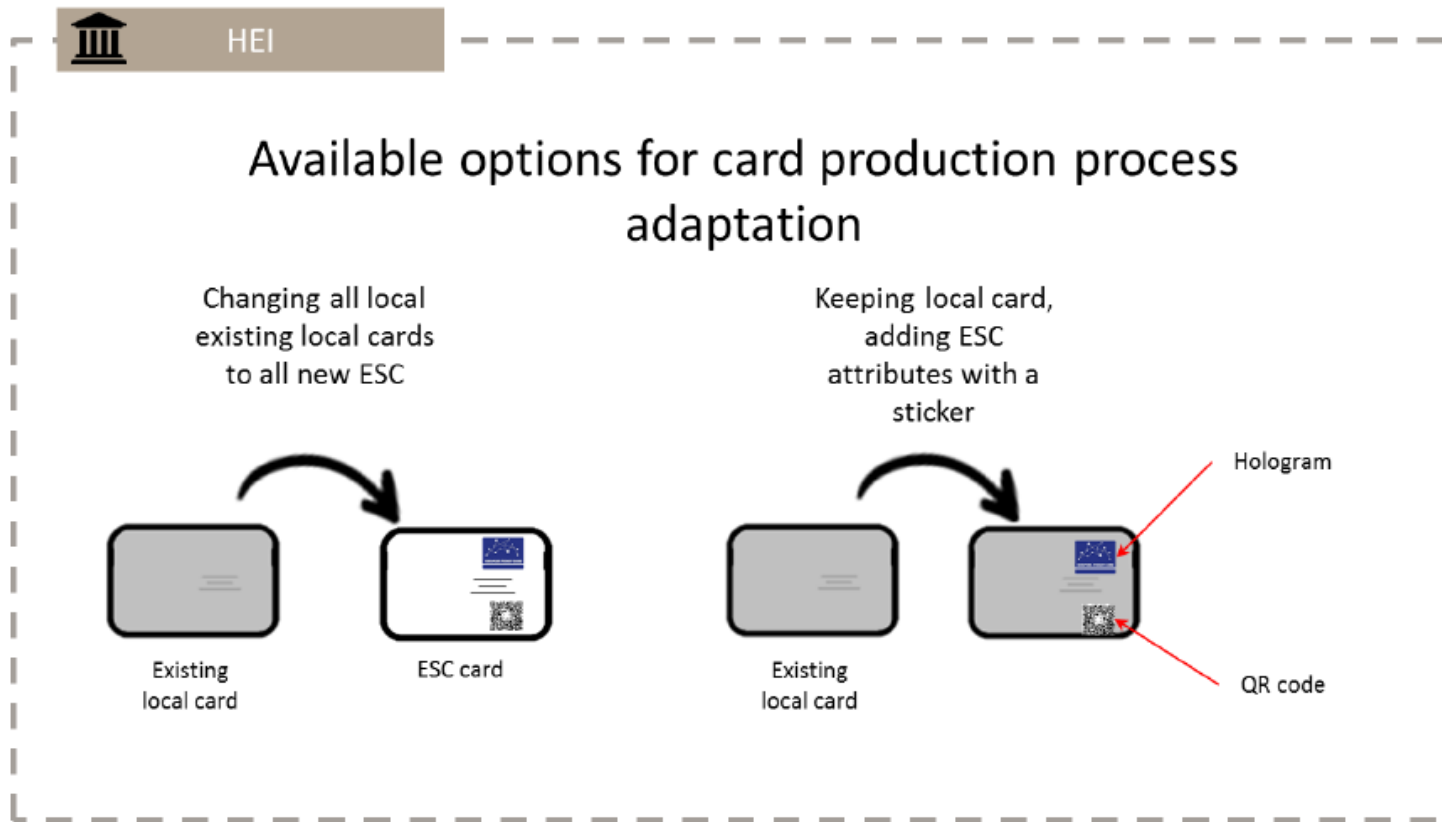
Main rules and principles

The implementation of the ESC-R router enhances the efficiency of the system and reinforces trust in the ESC.

Available option for interoperability



Available options for card production

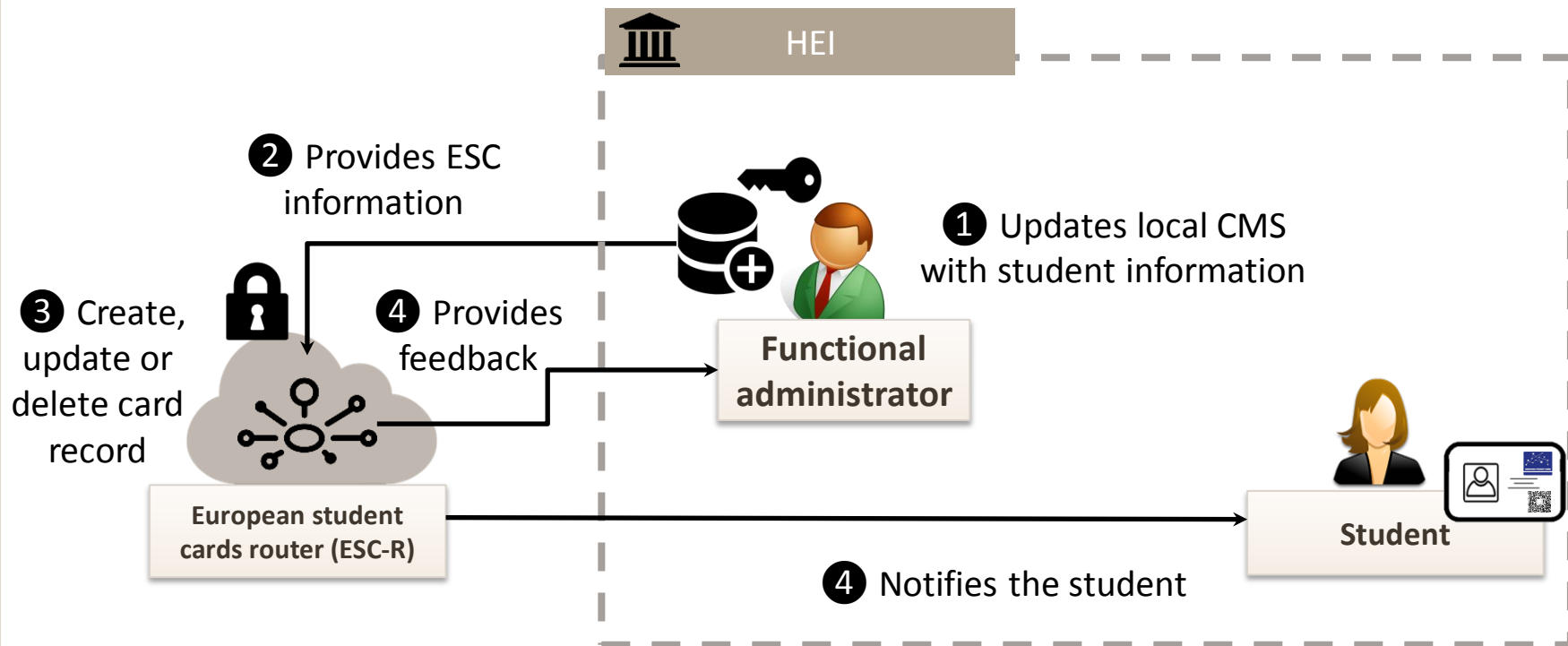


Main rules and principles

In addition to the items mentioned, HEI keeps the control over the design of the card and decides what information is written on it

The European Student Card life cycle

Deletion



- There can be multiple reason why a card needs to be terminated but no justification is required.
- Deletion record holds minimal information (HEI PIC Code, ESC identification and timestamp), to allow the system to notify that the card is inactive rather than inexistent.

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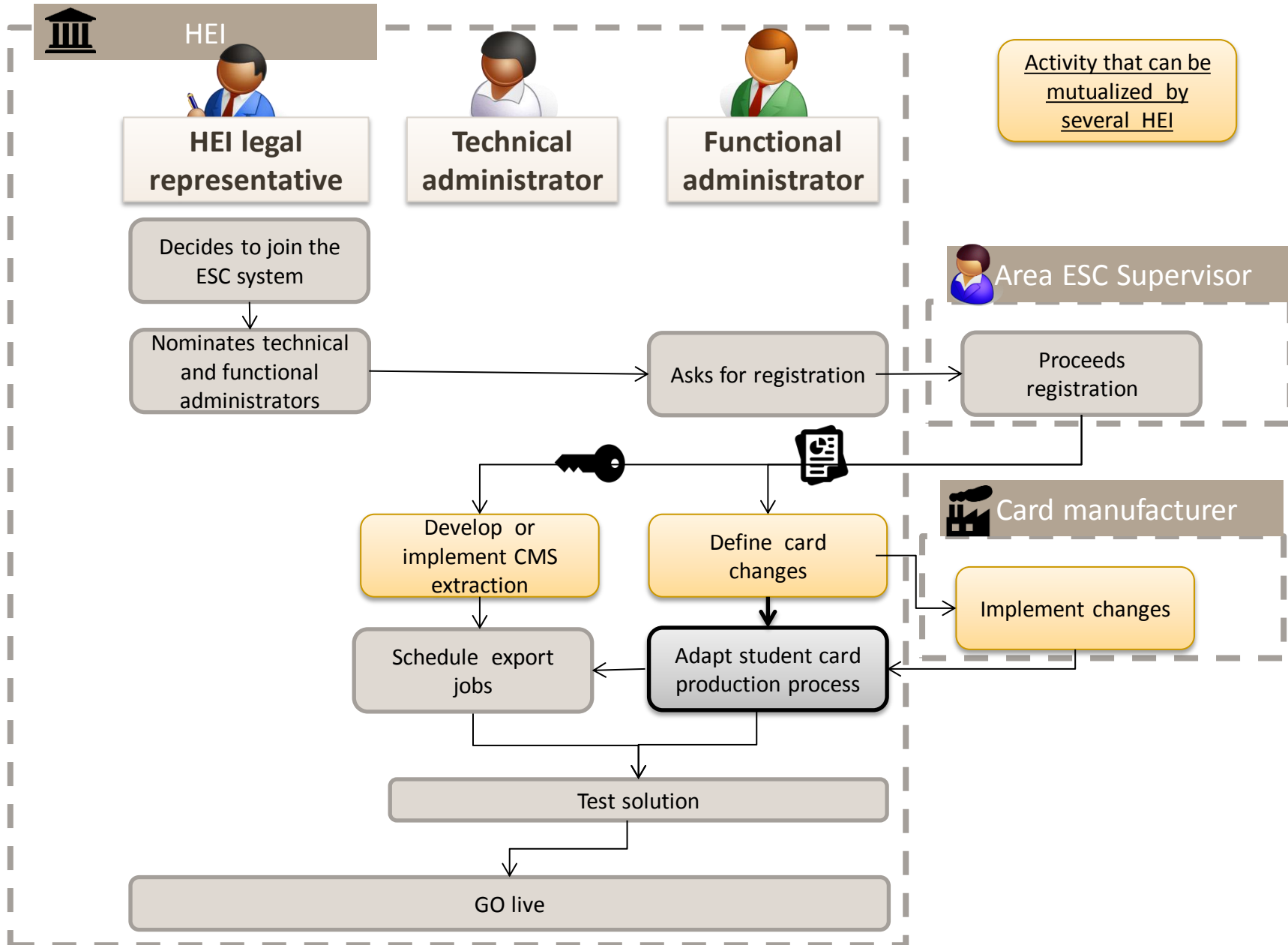
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Main rules and principles

Every European student card must have an unique identifier (UUID) based on the suggested formula (ESC ID)

How do I set things up ?



Main rules and principles

If the card has a chip, the HEI must write on this chip a data zone including the PIC code and the ESC ID

How do I keep it running ?

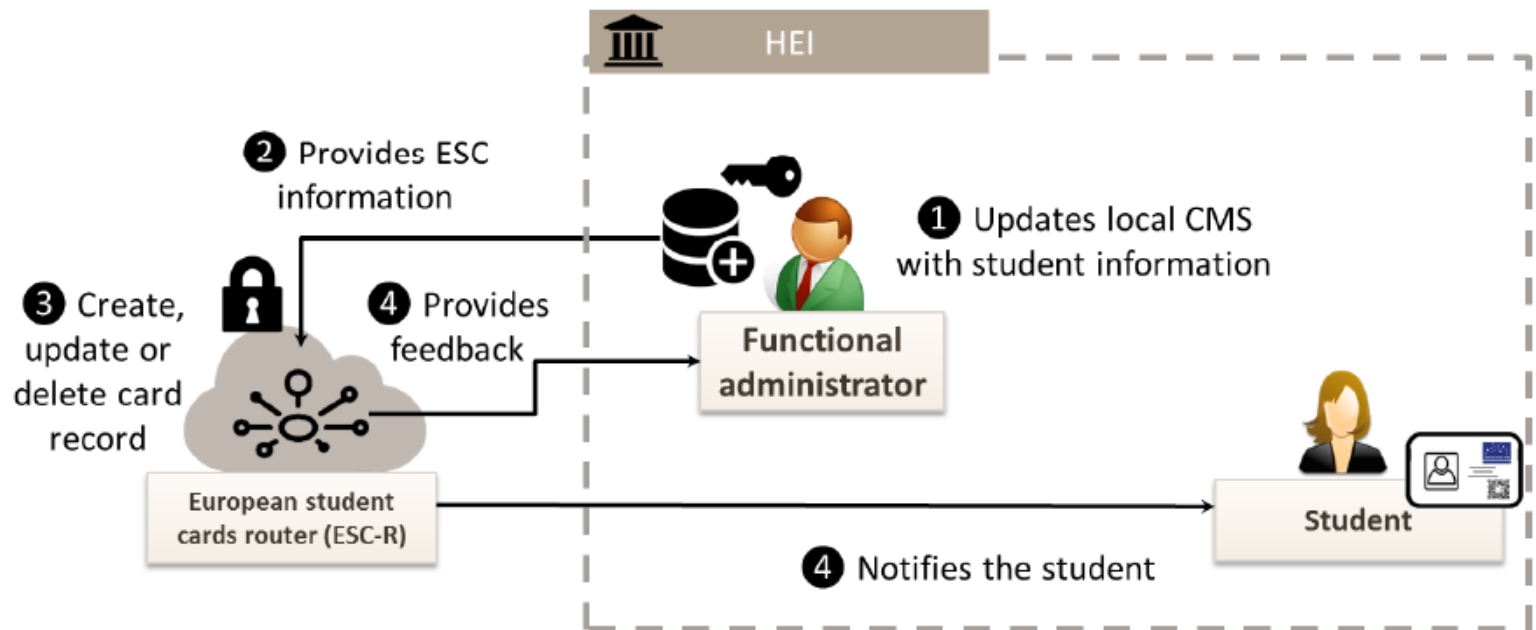


Fig9. ESC life cycle process

Main rules and principles

In order for the European student card to be valid, once the student has given explicit agreement to register his card on the ESC-R, the HEI must write data on the router

Student access to the system

European Student Card Router website


← → ✕ 🏠 🔍

Welcome,

European Card information

Institution name: Karlsruhe Institute of Technology
Student code: DE-14-999489941-234567890G
Expiry date: 31/12/2019
Academic level: Master
Status: Active

E-mail: 120918649@kit.com



Change e-mail

If there is a problem with information displayed above you may contact your local administrator using following address: birgit.baron@kit.com

If you wish to unsubscribe from the European Student Card database, you can click on the button on the right.
Warning: this action may not be undone

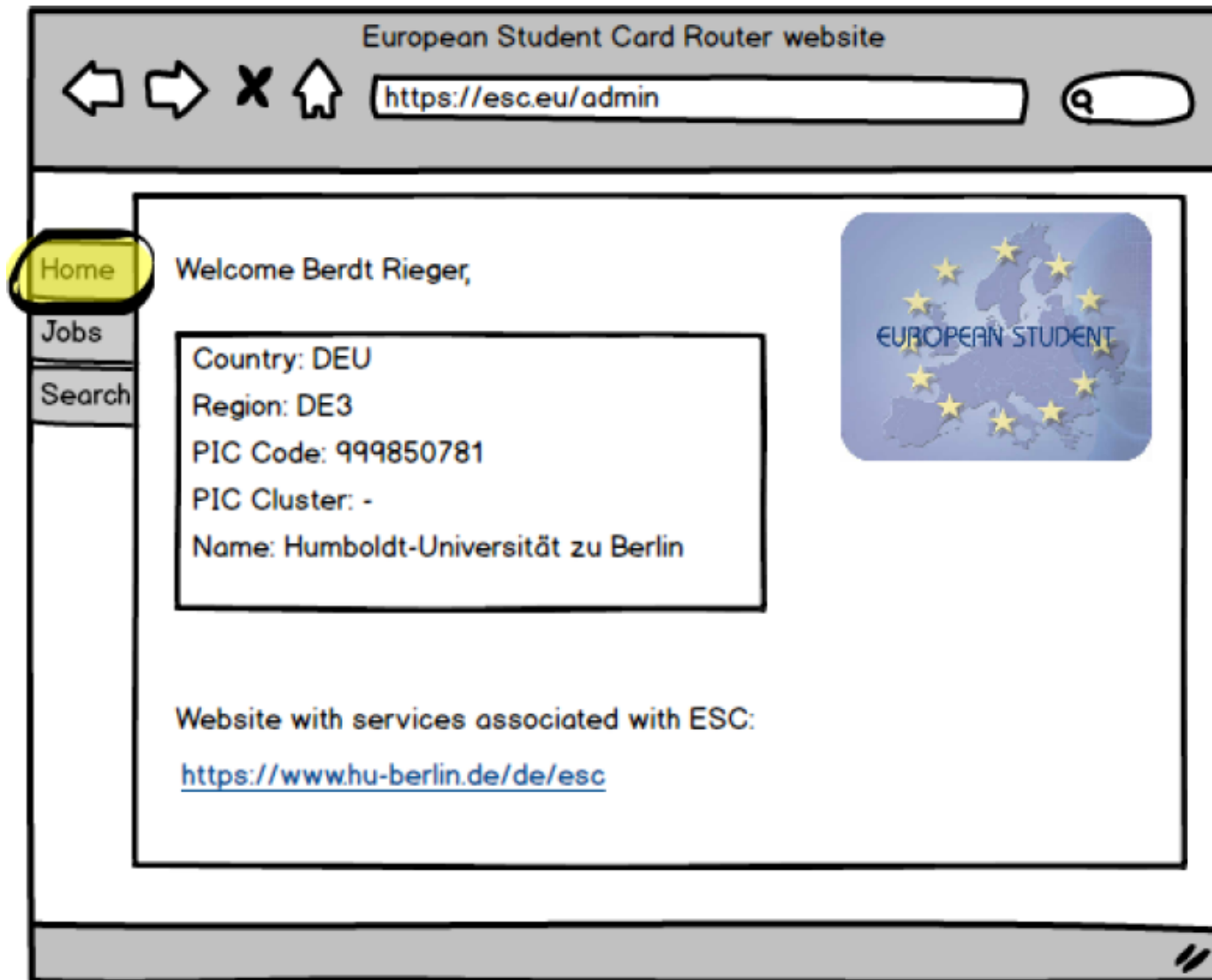
To learn more about services your European Student Card has to offer, look for an institution you interested in and check out services they have to offer.

🔍 search

Main rules and principles

The student keeps permanent control on his card: the verification of the card and his status is possible only if he presents the card at a desk, either automatic or not

HEI Administrator access to the system



HEI Administrator access to the system

European Student Card Router website

Navigation icons: back, forward, stop, home


Address bar: <https://esc.eu/admin>

Home

Jobs

Search

Refresh



Date ▲	Heure ▲	File name	Status ▼	Details
10/05/2017	10h57	xml_export_may	OK	
09/06/2017	11h27	xml_export_june	OK	
05/07/2017	13h44	xml_export_july	Error	
05/07/2017	14h34	xml_export_july	Ok	
10/08/2017	14h34	xml_export_july	Loading	

xml_export_july

Browse

Load



European Student Card

Thanks for your attention

July 27, 2017

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