

EDUBADGES

METADATA MODEL

Ready, Set, GO!

edubadges

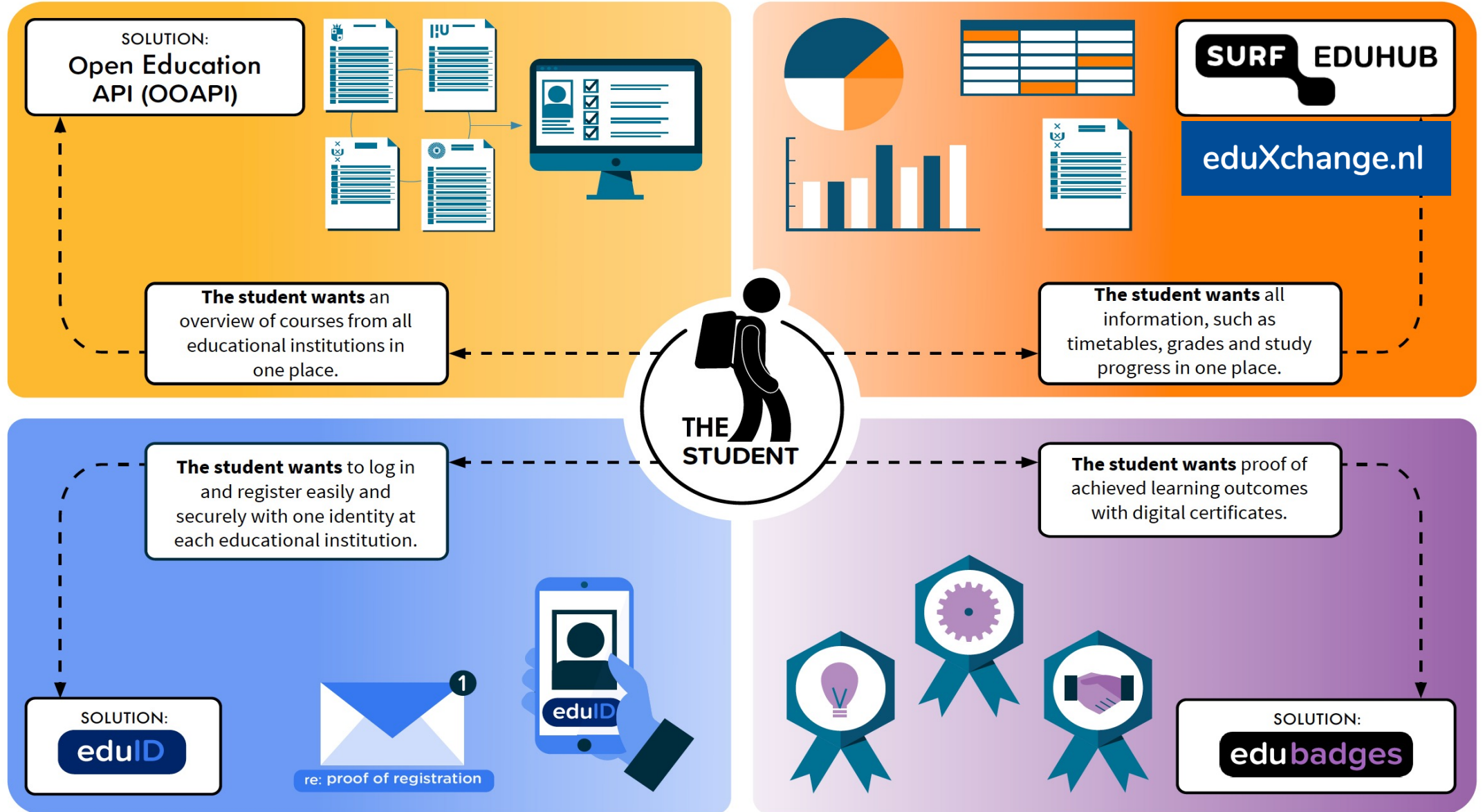
27 JUNI 2024
Architectuurraad
Edustandaard
Frans Ward - SURF

SURF

STUDENTMOBILITY

TECHNOLOGY FOR ENHANCED FLEXIBILITY IN EDUCATION

National approach to organize flexible education based on the needs of the student



WHAT IS AN EDUBADGE?



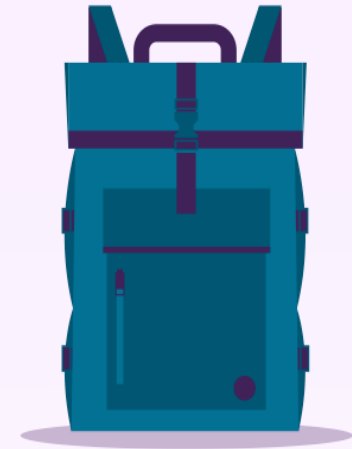
An award for successfully attaining learning outcomes

An edubadge enables students or workers to show that they have achieved a certain set of knowledge or skills during a period of formal accredited education or during a period of non-formal learning.



A single platform for Dutch education

An edubadge is issued in an online format within a secure, trusted platform. The national platform makes it possible to compare, exchange and combine edubadges.

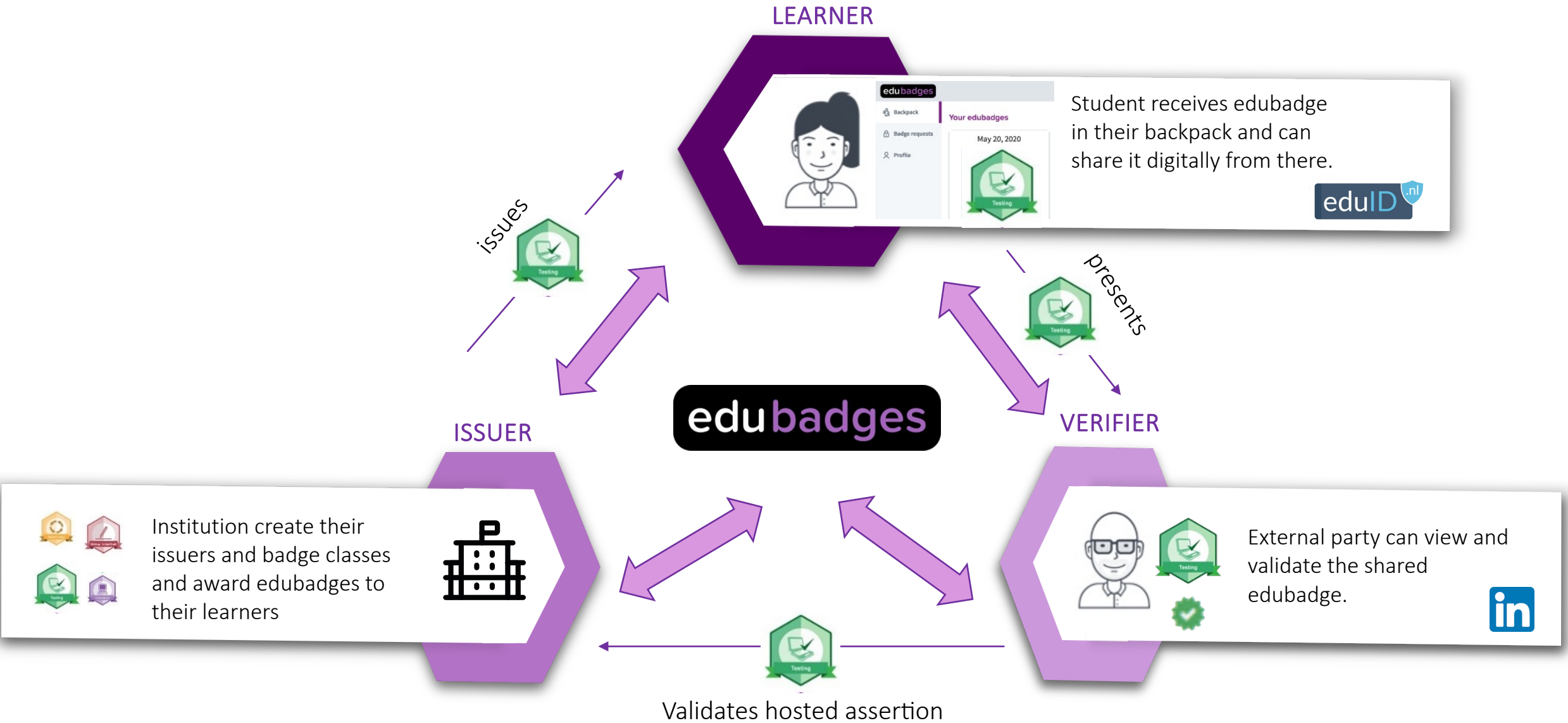


Lifelong learning

The knowledge and skills that a student or worker has acquired will be visible in their personal backpack, where they can collect their edubadges. An edubadge can be shared with and verified by employers or learning institutions.

....Since October 2020

Who are the stakeholders?



Never stop learning

Edubadges are digital certificates which show that the owner has acquired certain skills or knowledge. Edubadges can be issued for both accredited education and extracurricular activities.

What would you like to do?

By invite only

Award



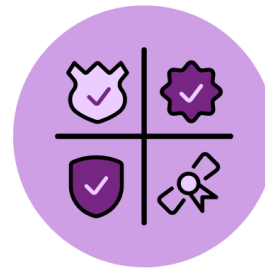
Award your students with edubadges, the microcredentials of the future.

Open the issuer portal

The issuer portal is by invite only. If you want to enter, but don't have access, please contact your institution admin.

2026 Badge Classes

Browse



At this moment 15.895 edubadges have been awarded by the institutions.

Open the catalog

The catalog shows all the badge classes of all institutions using edubadges.


Collect




A backpack is the place to receive and collect edubadges.


Open your backpack


An eduID is needed to create and use your backpack. Creating an eduID takes less than 30 seconds

 Badge classes **2026**

 Issuers **329**

 Issuer groups **210**

 Portal users **637**

 Backpack users **10138**

Edubadges in backpack [?]

Total edubadges in backpack **15,612**

- Direct awarded and claimed **7,927**
- Requested and awarded **7,685**

Public edubadges **7,334**

Direct awarded [?]

Total send **18,334**


- Direct awarded and claimed **7,927**
- Rejected by student **3**
- Unclaimed by student **10280**
- Revoked after awarded **124**

Claim rate **44%**


Requested [?]


Total requested **8,751**


- Requested and awarded **7,685**
- Denied by institution **515**
- Revoked after awarded **159**
- Pending by institution **392**


Institution
 


Include SURF badges in the total?

Type edubadge
 

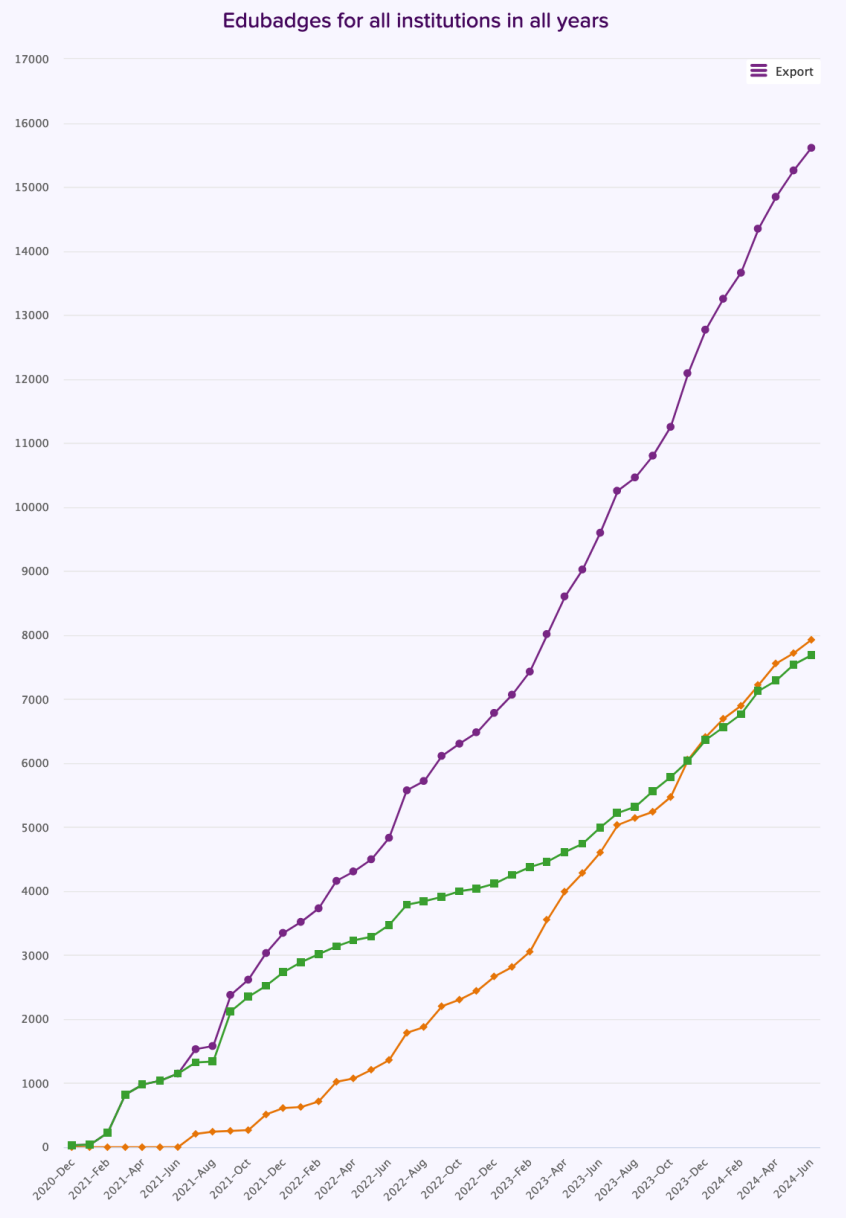
Issuer group
 

Issuer
 

Badge class
 

Year
 

Reset



Edubadges achievements

as of 24 June 2024

38 (61) Higher Education Institutes are issuing Edubadges
 4 MBO, 22 HBO, 12 WO
 Pilot MC's MBO: +26

2026 Different Badge Classes

10.138 Students/professionals have earned Edubadges

15.612 Edubadges in the backpack

7.334 Edubadges have been made public (i.e. via LinkedIn)

edubadges Timeline

Proof of Concepts

2017-2018

Start Service Offering

Oct. 2020

Start Proof of Concepts OB3

Dec. 2023

Start development Edubadges v2 ?

Jun. 2025

2016

Stakeholder study & Whitepaper



edu.nl/dpngy

2019-2020

Edubadges Pilot with 16 institutions



edu.nl/dh64h

Oct. 2021

Start 2 year Pilot Microcredentials for Professionals with 32 HE institutions



edu.nl/cytrv

Apr. 2024

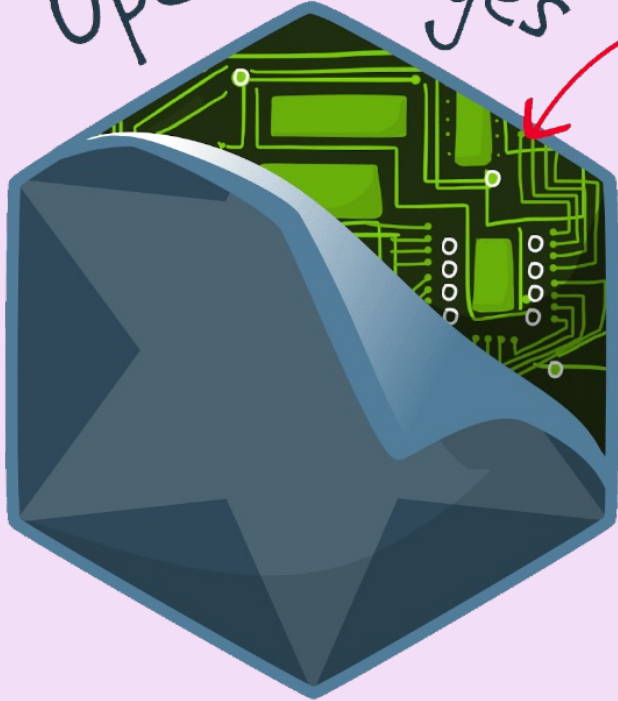
Start 2 year Pilot Microcredentials in Vocational Educations with 27 mbo institutions



SURF

edubadges

Open Badges



**THERE'S
DATA INSIDE!**

badge name
badge URL (description)
badge criteria
badge image
issuer
issue date
recipient
tags
alignment (standards)
expiration date
evidence URL



1EDTECH

Power Learner Potential

Open Badges Standard ⁺

- Added 10 European centric metadata extensions, aligning with Bologna tools like the Diploma Supplement
- **eduID**: Life Long persistent identity managed by the learner
- **Extended roles** and rights model controllable by the institution
- **GDPR compliant** flow for awarding and publishing earned Edubadges

ISSUER

- InstitutionNameExtension
- InstitutionIdentifierExtension
- GradingTableExtension

BADGECLASS

- LanguageExtension
Language of instruction
- ECTSExtension
European Credit Transfer Points
- StudyLoadExtension
Study load in hours
- TimeInvestmentExtension
- EQFExtension
European Qualifications Framework
- LearningOutcomeExtension
- EducationProgramIdentifierExtension

Open Badges Standard⁺

- Open Badges V2 standard allows adding metadata extensions
- Edustandaard: *Metadatamodel Edubadges version 1.0*
https://www.edustandaard.nl/standaard_afspraken/metadatamodel-edubadges/metadatamodel-edubadges-versie-1-0/
- This version (v1) has been in use with SURF's Edubadges service since Oct 2020. (Since feb. 2024 on Edustandard website)

Metadatamodel Edubadges version 1.0

The EU on MICROCREDENTIALS

Proposal for a Council Recommendation on a European approach to microcredentials for lifelong learning and employability

<https://data.consilium.europa.eu/doc/document/ST-9237-2022-INIT/en/pdf>

What EU standard elements should it include?

The basis for trust in micro-credentials is transparency. Micro-credentials should be clearly identified as such with elements that make it possible for learners, education and training institutions, quality assurance agencies, and

employers to understand the value and content of micro-credentials and to compare them.

The European approach to micro-credentials suggests a list of critical information elements that any micro-credential should provide:

Mandatory elements

- Identification of the learner
- Title of the micro-credential
- Country/Region of the issuer
- Awarding body
- Date of issuing
- Learning outcomes
- Notional workload needed to achieve the learning outcomes (in ECTS credits, wherever possible)
- Level (and cycle, if applicable) of the learning experience leading to the micro-credential (EQF, QF-EHEA), if applicable
- Type of assessment
- Form of participation in the learning activity
- Type of quality assurance used to underpin the micro-credential

Optional elements, where relevant (non-exhaustive list)

- Prerequisites needed to enrol in the learning activity
- Supervision and identity verification during assessment (unsupervised with no identity verification, supervised with no identity verification, supervised online or onsite with identity verification)
- Grade achieved
- Integration/stackability options (standalone, independent micro-credential / integrated, stackable towards another credential)
- Further information

Extra metadatavelden tov V1 om aan deze EU aanbeveling te kunnen voldoen:

1. Country / region of the issuer
2. Form of participation in the learning activity
3. Type of assessment
4. Supervision and identity verification during assessment
5. Quality assurance of the credential
6. Grade achieved
7. Integration/stackability options

Green = Mandatory
Orange = Optional

<https://wiki.surfnet.nl/display/Edubadges/Microcredentials+Definition+EU>

Metadatamodel Edubadges version 2.0

Country / region of the issuer

Form of participation in the learning activity

- Online
- On-site
- Blended
- Work experience

Type of assessment

- (Written) exam
- Behavioural assessment
- Development report/reflection report
- Personalized type of assessment
- Portfolio/portfolio assessment
- Presentation/oral exam
- Professional product
- Report/paper

Quality assurance of the credential

- <https://wiki.surfnet.nl/display/Edubadges/Kwaliteitskader+Microcredentials+voor+Professionals+HBO+en+WO>
- <https://wiki.surfnet.nl/display/Edubadges/Kwaliteitskader+voor+pilot+microcredentials+mbo+2024++2025>

Supervision and identity verification during assessment

- unsupervised with no identity verification
- unsupervised with identity verification
- supervised with no identity verification
- supervised with identity verification

Grade achieved

- Grade added on issuing credential

Integration/stackability options

- Standalone/ independent micro-credential
- Integrated/ stackable towards another credential



Land/regio van de uitgevende instelling

Vorm van deelname aan de leeractiviteit

- Blended
- Online
- Op locatie
- Werkervaring

Soort beoordeling

- Beroepsproduct
- Gedragsassessment
- Gepersonaliseerde toetsing
- Ontwikkelverslag/reflectieverslag
- Portfolio/ portfolio assessment
- Presentatie/ mondeling examen
- Rapport /paper
- Tentamen

Kwaliteitsgarantie van de credential

- <https://wiki.surfnet.nl/display/Edubadges/Kwaliteitskader+Microcredentials+voor+Professionals+HBO+en+WO>
- <https://wiki.surfnet.nl/display/Edubadges/Kwaliteitskader+voor+pilot+microcredentials+mbo+2024++2025>

Toezicht en identiteitscontrole tijdens de beoordeling

- zonder toezicht zonder identiteitsverificatie
- Zonder toezicht met identiteitsverificatie
- onder toezicht zonder identiteitsverificatie
- onder toezicht met identiteitsverificatie

Behaalde score

- Cijfer toegevoegd bij uitgifte credential

Opties voor integratie-/stapelbaarheid

- Zelfstandig, onafhankelijke micro-credential
- Geïntegreerd, stapelbaar met een andere credential



Type of badgeclasses and their metadata

Choose a badge class type

Tip: You can also duplicate an [existing badge class](#)

Microcredential

A badge class for micro-credentials with the quality framework for professionals HBO/WO or MBO and all metadata in accordance with the EU recommendations.

Create

Regular

A badge class for acquired knowledge and skills that fall within the curriculum of a recognized study program. ECTS/SBU are attached to this badge class.

Create

Extra curricular

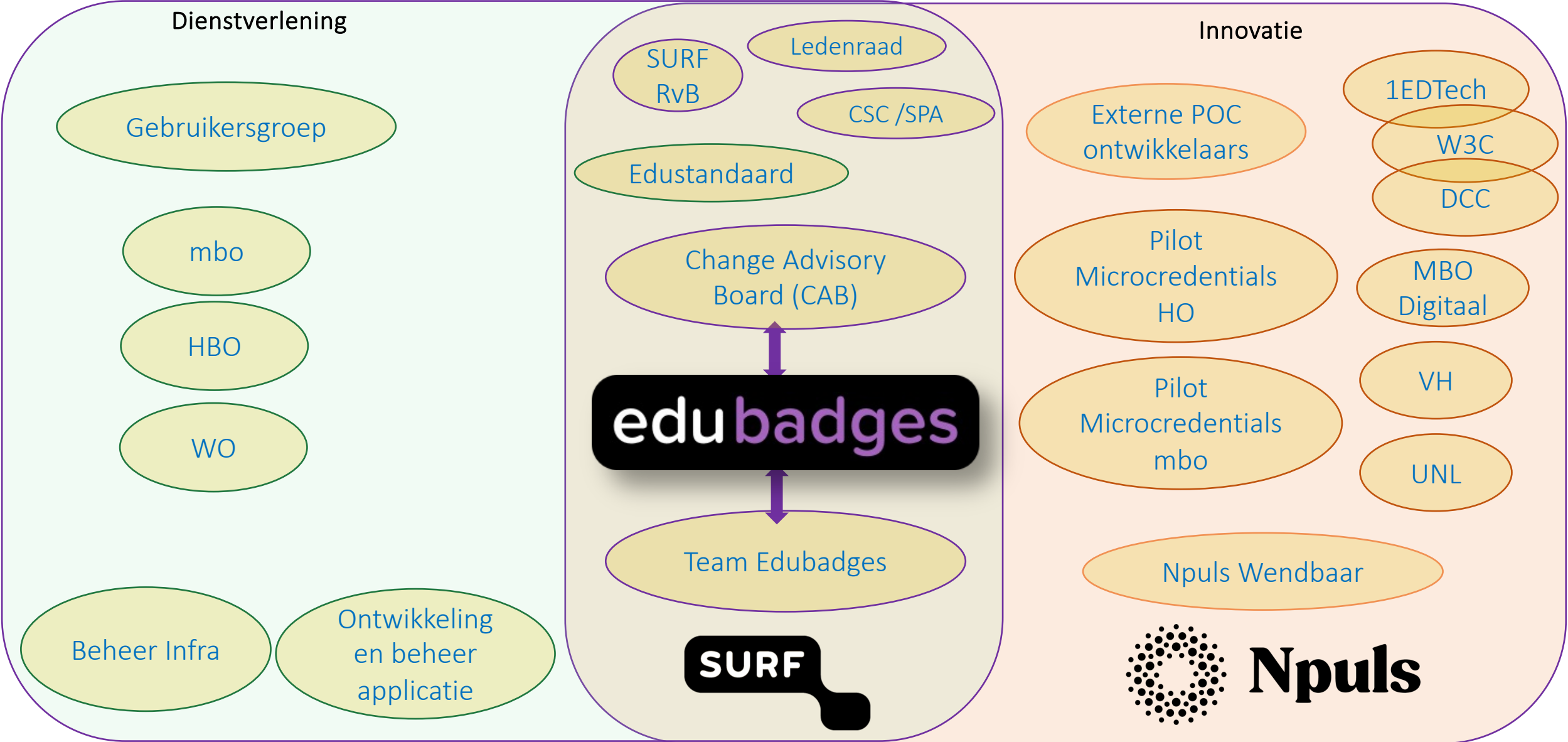
A badge class for acquired knowledge and skills that are not part of the curriculum of a recognized program. There are no ECTS/SBU attached to badge class.

Create

Support for new Metadatumodel in upcoming release Edubadges (July 2024)

Metadata	Microcredential	Reguliere edubadge	Extra-curriculaire edubadge
		Een badge class voor microcredentials met het kwaliteitskader voor professionals HBO/WO of MBO en alle metadata conform de EU-aanbevelingen.	Een badge class voor opgedane kennis en vaardigen die binnen het curriculum van een erkende opleiding vallen. Aan deze badgeclass zijn ECTS/SBU verbonden.
Basisinformatie			
Naam	verplicht	verplicht	verplicht
Edubadge afbeelding	verplicht	verplicht	verplicht
Beschrijving	verplicht	verplicht	verplicht
Leeruitkomsten	verplicht	verplicht	verplicht
Criteria	verplicht	verplicht	verplicht
Programma informatie			
Taal van het onderwijs	verplicht	verplicht	verplicht
Studiepunten ECTS/SBU	optioneel	verplicht	niet van toepassing
Tijdsinvestering	optioneel	niet van toepassing	verplicht
Indicatief EQF niveau	verplicht	verplicht	optioneel
Vorm van deelname	verplicht	optioneel	optioneel
Opleidingscodes	optioneel	verplicht	optioneel
Informatie over de beoordeling			
Beeoordelingstype	verplicht	optioneel	optioneel
Toezicht bij de beoordeling	verplicht	optioneel	optioneel
Identiteit	verplicht	optioneel	optioneel
Kwaliteitsborging			
Naam	kwaliteitskader HO/MBO	optioneel	optioneel
URL	verplicht	optioneel	optioneel
Omschrijving	verplicht	optioneel	optioneel
Gerelateerd onderwijskundig raamwerk			
Naam	optioneel	optioneel	optioneel
Raamwerk	optioneel	optioneel	optioneel
URL	optioneel	optioneel	optioneel
Code	optioneel	optioneel	optioneel
Omschrijving	optioneel	optioneel	optioneel

Governance en stakeholders edubadges



| Thanks!



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