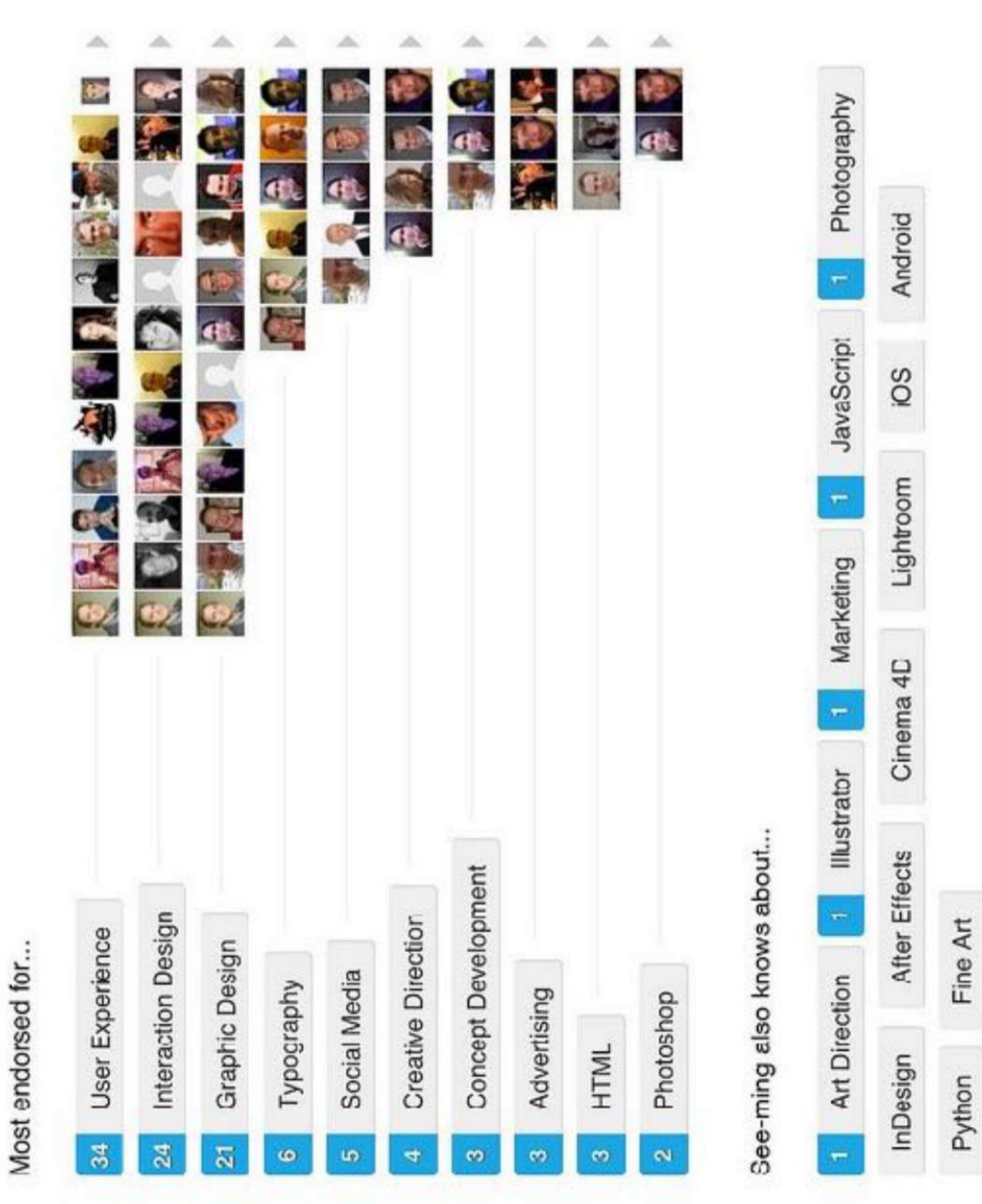


DIGITAL CREDENTIALS

Endorsements in LinkedIn are a form of digital credentials



Open Badges as digital credentials

Ilona Buchem

Beuth University of Applied Sciences Berlin

OPEN BADGES AS CREDENTIALS

“Badges can be awarded for a potentially limitless set of individual skills regardless of where each skill is developed, and the collection of badges can serve as a *virtual resume of competencies and qualities* for key stakeholders such as peers, schools or potential employers.” (Peer 2 Peer University and the Mozilla Foundation, 2011).



Peer 2 Peer University and the Mozilla Foundation. (2011). An open badge system framework (Working Paper). <http://dmlcentral.net/resources/4440> (accessed May 29, 2015).

STUDENT ENGAGEMENT

Open Badges are issued to recognise student engagement in Department I Economics and Social Sciences at Beuth University, Germany.





There are 3 “small badges” issued for specific types of student engagement.

A “big” badge is a special distinction. It is issued if a student received “small” badges ≥ 3 .




PROBLEM: CURRENCY RECOGNITION

Anton Mustermann

hat sich während seines Studiums am Fachbereich I in besonderer Weise für die Belange der Hochschule eingesetzt. Diese außerhab des Curriculums ehrenamtlich erbrachten Leistungen umfassten u.a.:

- Mitwirkung im Fachbereichsrat FB I in den Jahren 2015-2017
- Leitung einer Konzeptgruppe zur Gestaltung der Erstsemestereinführung
- Konzeption und Durchführung eines Workshops zur Studienorientierung von Geflüchteten



Berlin, 08. November 2017, Prof. Dr. Anne König








All issued Open Badges for student engagement and are accompanied by a paper certificate upon request of the student.

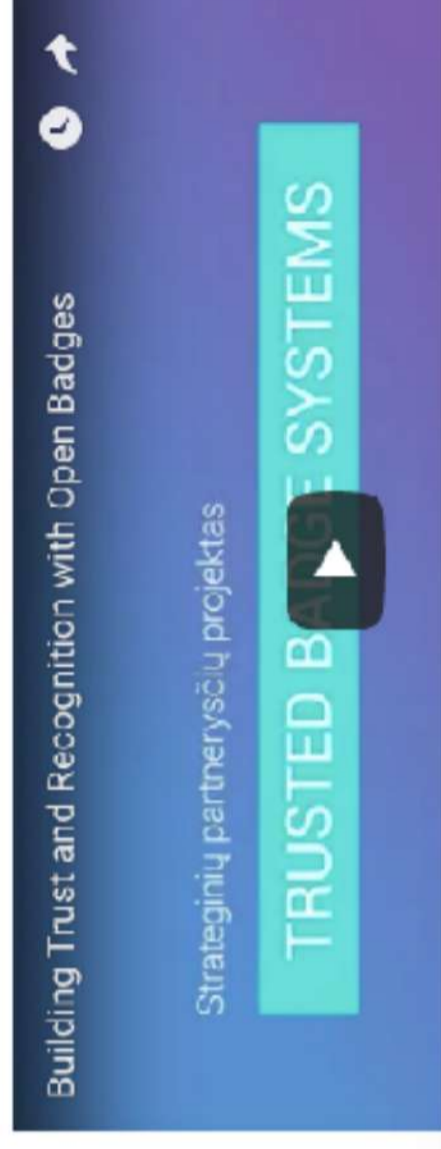
VOLUNTEER ACTIVITIES

Open Badges are issued as awards for student volunteering, additional learning and research activities and achievements at Kaunas University of Technology, Lithuania.



Digital badges are awarded for:

-  Volunteering
-  Additional, volunteer internship
-  Membership of KTU organisations
-  Additional education/learning at KTU
-  Research activities
-  Transfer of knowledge and experience
-  Achievements at the Olympiads, contests and competitions



OPEN BADGES IN HIGHER EDU

OBBHE

Open Badges in Higher Ed

Search this site

Home Announcements Working Group Blog Flow Chart Papers Presentations Library **Case Studies** Badge Systems Contact

Core Studies

- All Aboard, Ireland
- Beuth University
- Colorado State University Online
- CyberCourse
- Deakin Digital
- Georgia Southern University
- National Science Teachers Association
- Pennsylvania State Library
- Pennsylvania State University
- Pittsburgh City of Learning
- Swinburne

BADGE THE WORLD



Share About Twitter Contact Search

Search for Pins and Topics



Filter Pins by Time:

- All Pledges
- Pledges Today
- Pledges this Month
- Pledges this Year

Filter Pins by Country:

All

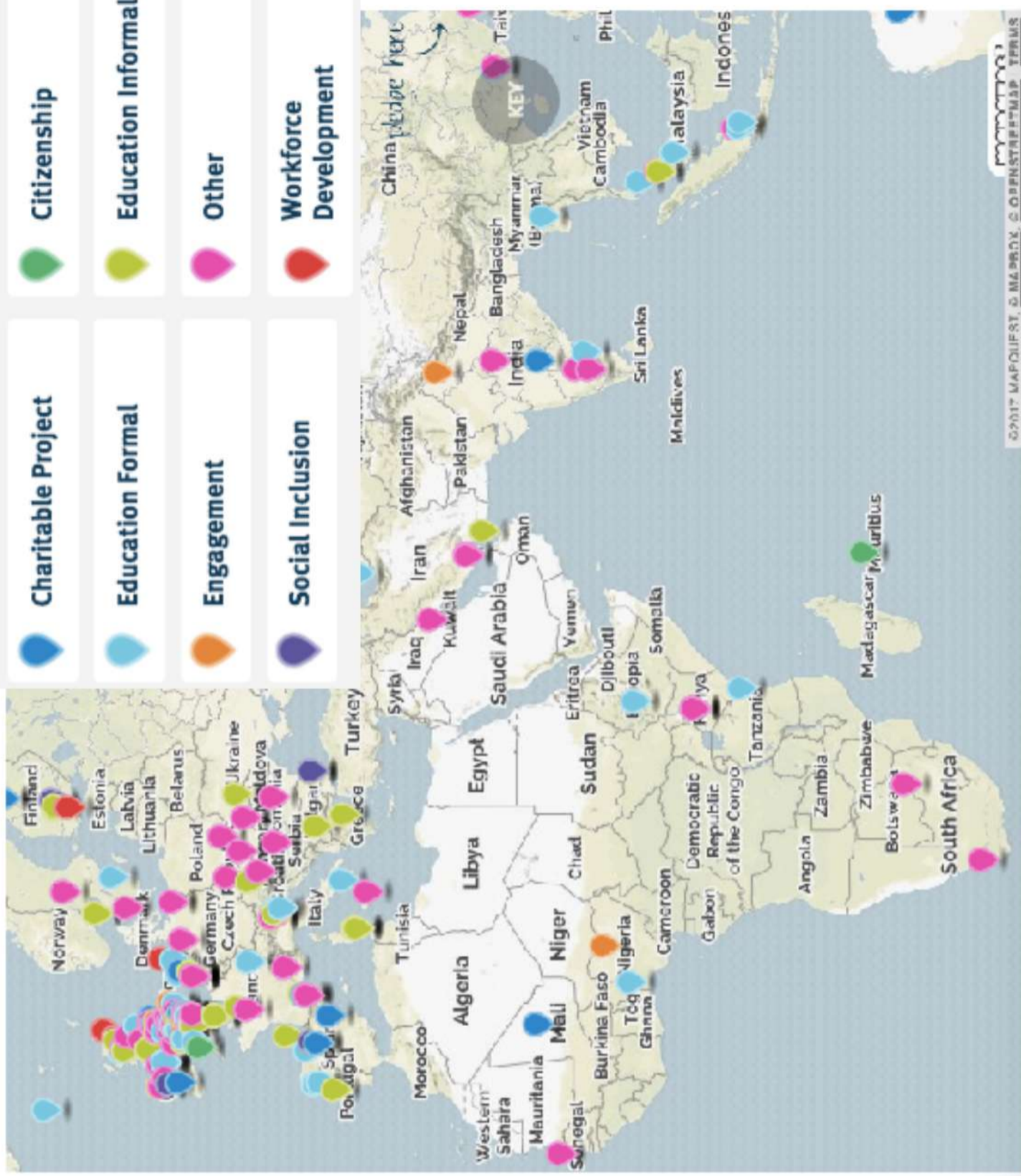
Filter Pins by Topic:

- Charitable Project
- Education Formal
- Citizenship
- Education Informal



Filter Pins by Topic:

- Charitable Project
- Education Formal
- Engagement
- Social Inclusion
- Citizenship
- Education Informal
- Other
- Workforce Development



More information: <http://www.badgetheWorld.org/>

Ilona Buchem CC BY-SA 4.0

OPEN BADGES METADATA

“90% of an Open Badge is not visible.”

Klein, J. (2013)

Open Badges Metadata: JSON-LD



Figure: DigitalMe

LEARNING PATHWAYS

badgr Pathways
DASHBOARD
...

```

graph TD
    AD[Associate Degree: Biotechnology] --- BLC[Biotech Lab Assistant Certificate]
    AD --- BLTC[Biotechnology Laboratory Technician Certificate]
    AD --- AMC[Advanced Microbiology Certificate]
    BLC --- CS[21st Century Skills: Critical Thinking]
    BLC --- CO[21st Century Skills: Collaboration]
    BLC --- CE[21st Century Skills: Empathy]
    BLTC --- JRC[Job Ready Certification]
    AMC --- JRC
    JRC --- MS[Microsoft Excel]
    JRC --- OS[Office Skills]
    MS --- SE[Selected Element]
    OS --- RC[Required Children]
    
```

Pathway Details

Associate Degree: Biotechnology

An example curriculum that shows how CTE certificates can be stacked into larger credentials while also leveraging 21st Century Skills badges to close the skills gap. Badges in this example could be issued by any platform or LMS.

Completion Badge ✓

This badge will be automatically awarded when the requirements for this element are met.

Associate Degree
Badgr University

Required Children 2/2

A recipient must have completed ALL of the following child elements in order to complete this element.

Advanced Microbiology Certificate

USE CASES



Welcome · About us · News & Events · Resources · Outputs · Join us · MOOC

02-A1 Use Cases

The provision of the Open Badge Infrastructure started with the collection of use cases, i.e. the structured description of processes required for the design, delivery and exploitation of Open Badges. Use cases were used to integrate, configure and adapt the existing tools and services to match the elicited requirements. The requirements that couldn't be integrated (for example, current issues with the backpack federation) were used to feed in future developments in the Open Badge Infrastructure. To describe all use cases in one format, a uniform template was developed and published on the OBN portal, so that not only project partners but also members of the Open Badge Network and a larger Open Badges community can download the template, describe their use case and upload it to the OBN portal. Additionally we created a Google Form to enable easy submission and collection of use cases online. Use cases collected within the OBN project can be downloaded from Open Badge Network portal.

Use Cases collected within the OBN project can be downloaded from here compiled in one file: [02-A1 Use Cases_for_OBN_portal](#)

Here are all use cases as separate files:

- 02-A1-01 Automatic MOOC Badging
- 02-A1-02 Badge application for RPL
- 02-A1-03 Building a portfolio from badges
- 02-A1-04 Centralised management
- 02-A1-05 Collaborative design of badges
- 02-A1-06 Competency Framework 2016
- 02-A1-07 Diploma Supplement badge
- 02-A1-08 Employers reviewing badges
- 02-A1-09 Hygiene management
- 02-A1-10 Language proficiency badges
- 02-A1-11 Open Badges in Distance Education
- 02-A1-12 Open Badges in schools and HE
- 02-A1-13 Organisations sharing the badges they created
- 02-A1-14 Presentation and Participation
- 02-A1-15 Rewarding students with Geo4work project
- 02-A1-16 Rewarding students who help other students
- 02-A1-17 Using badges as a way to express social or political statements
- 02-A1-18 Validation of in-house training

We invite you to share your use case with the OBN Community. Please fill in this google form to submit information.



Badging Platforms



Open Badge Factory

burchem@bauth-hochsch

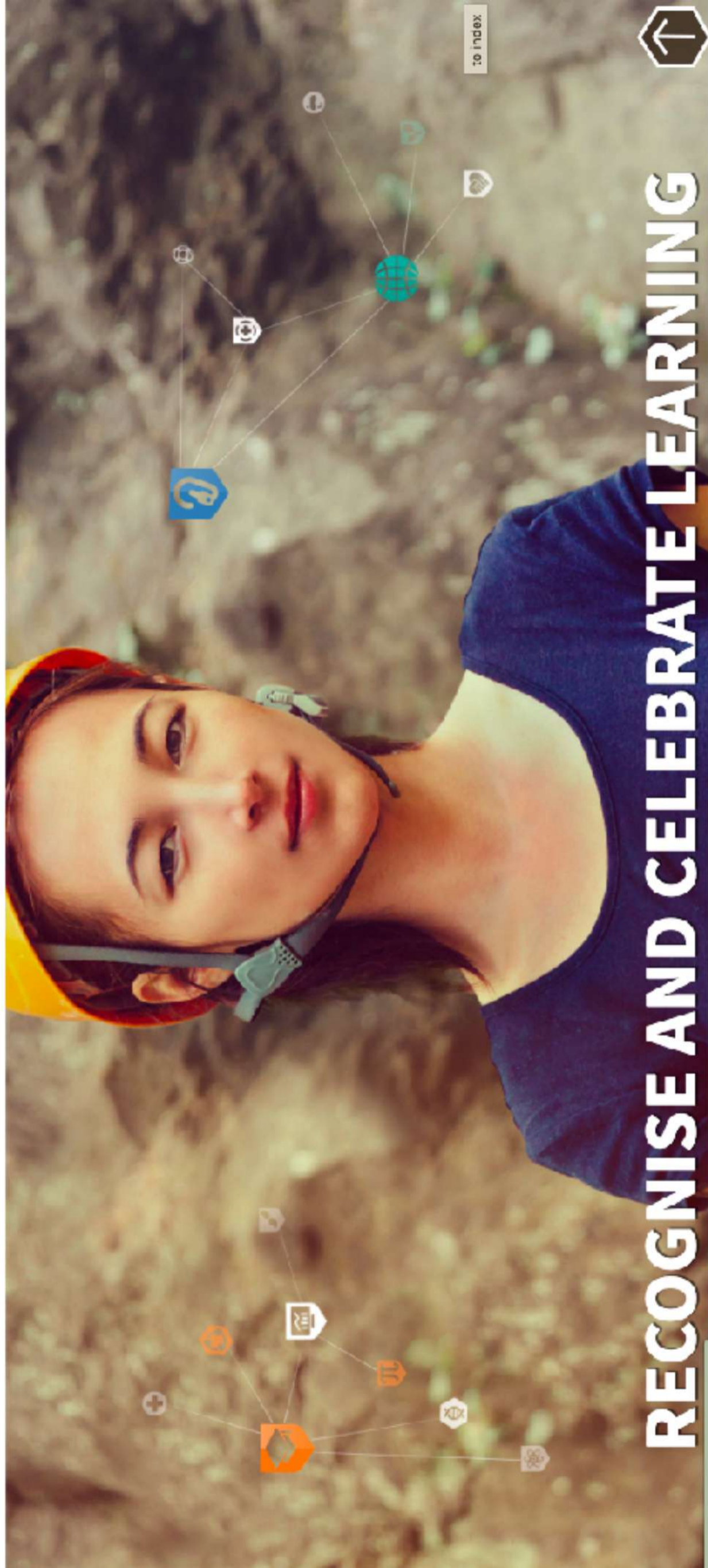
.....

LOGIN

CLAIM A BADGE

Forgot your password?

Language: en



RECOGNISE AND CELEBRATE LEARNING



TO INDEX



The Common Language of Verified Skills

Issue digital badges, gain insights about your workforce, and supercharge profiles in your applications on the world's largest digital credential network.

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ACHIEVE ANYTHING, RECOGNIZE EVERYTHING

The Easiest Way to Issue Digital Badges and Micro-Credentials

Organizations around the world use Badgr to create branded learning ecosystems that support their communities with skills-based digital credentials, stackable learning pathways, and portable learner records.

 SEE BADGR IN ACTION