



Open Recognition attraverso gli Open Badge

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UniSTUD – Como – 19 maggio 2017

Riconoscimento aperto delle competenze

Bologna Open Recognition Declaration

- Presentata il 28 Ottobre 2016 a Bologna
- Da studiosi di formazione e tecnologie per la formazione
- Nel corso del convegno ePic, co-organizzato da Cineca
- Firmata da ricercatori, aziende, formatori, associazioni: tra questi **Cineca e Bicocca**

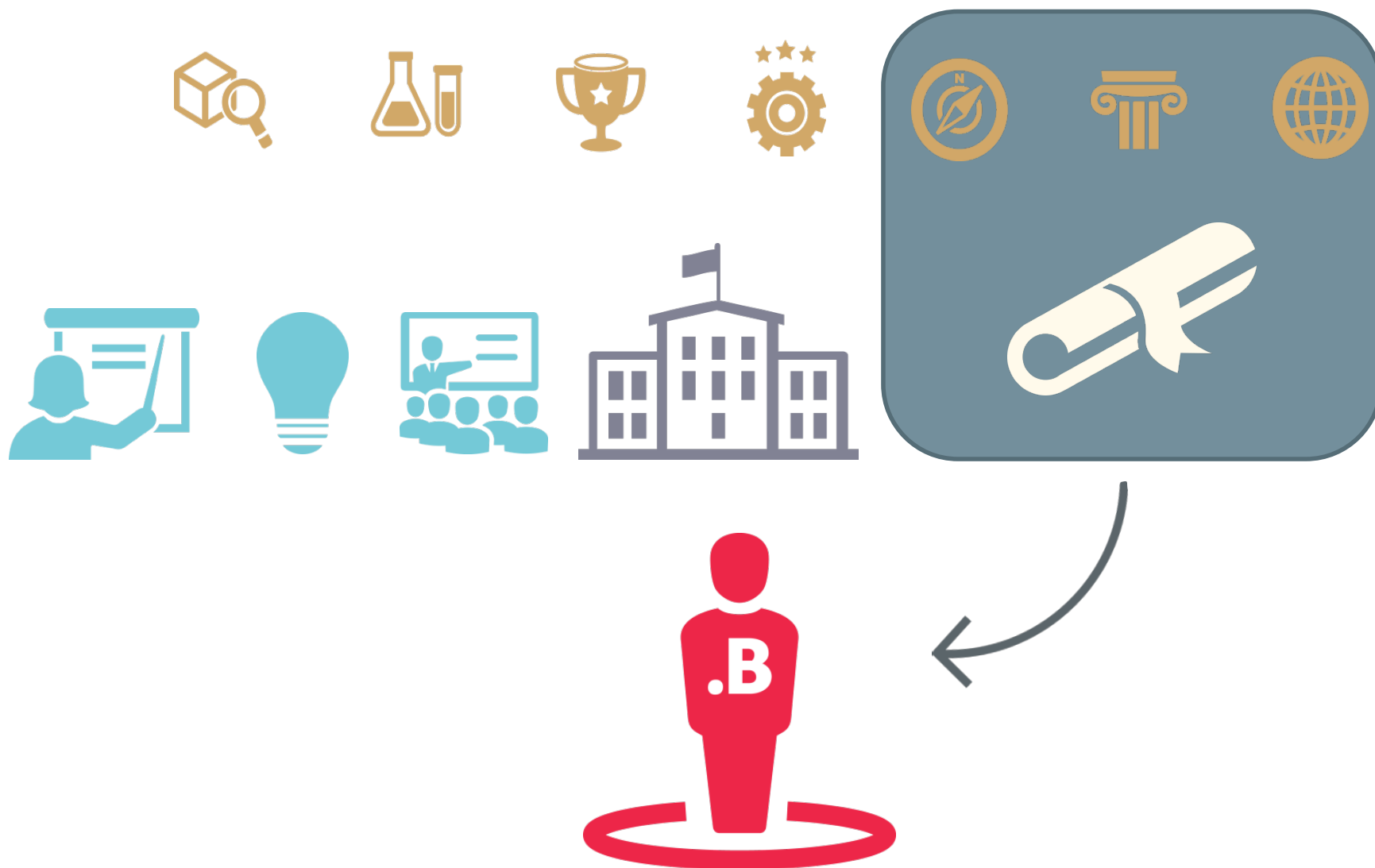


Perché *aprire* il processo di riconoscimento delle competenze?

Il problema

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Le competenze non riconosciute

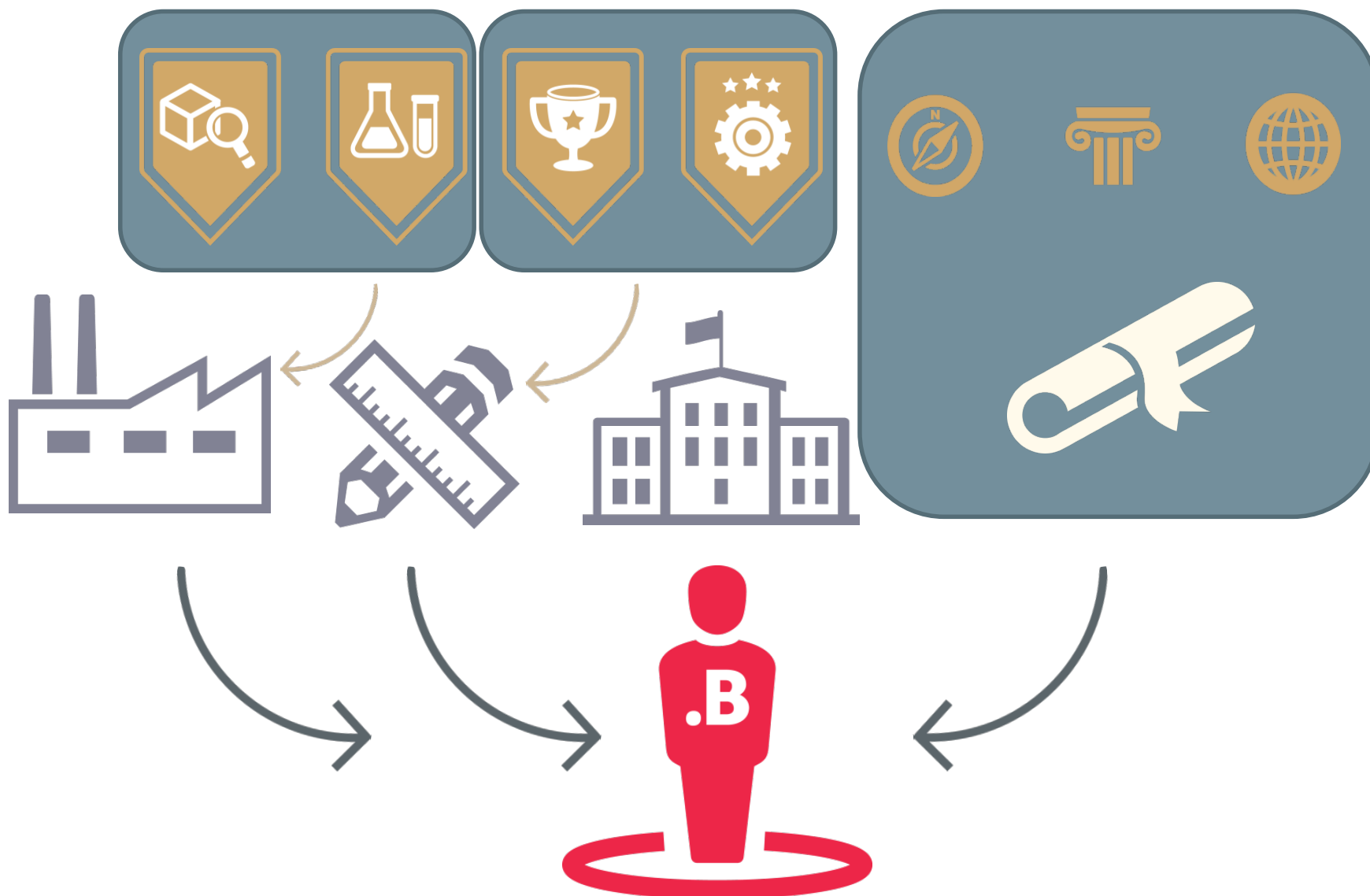


Le competenze invisibili

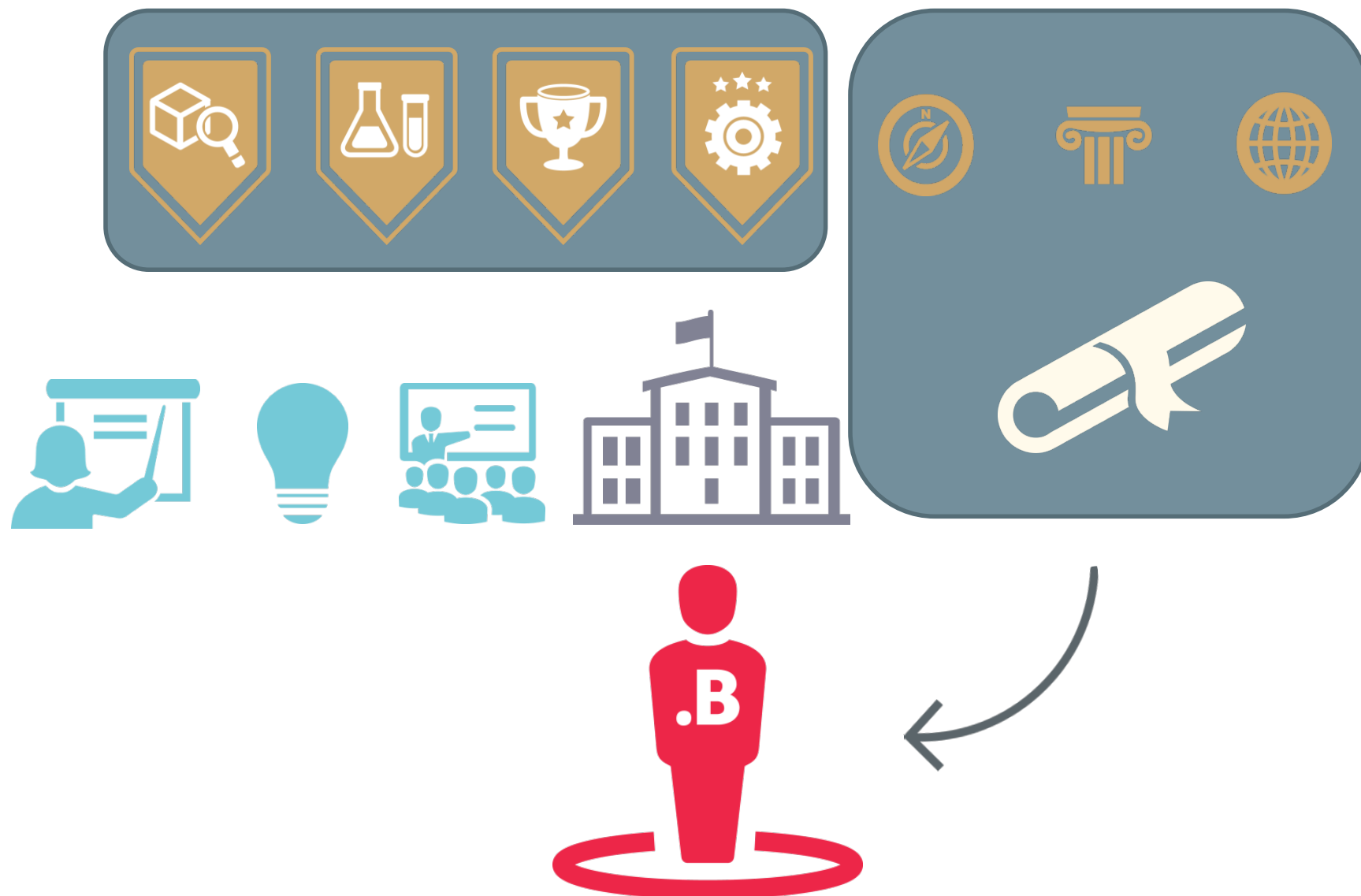


Possibili soluzioni

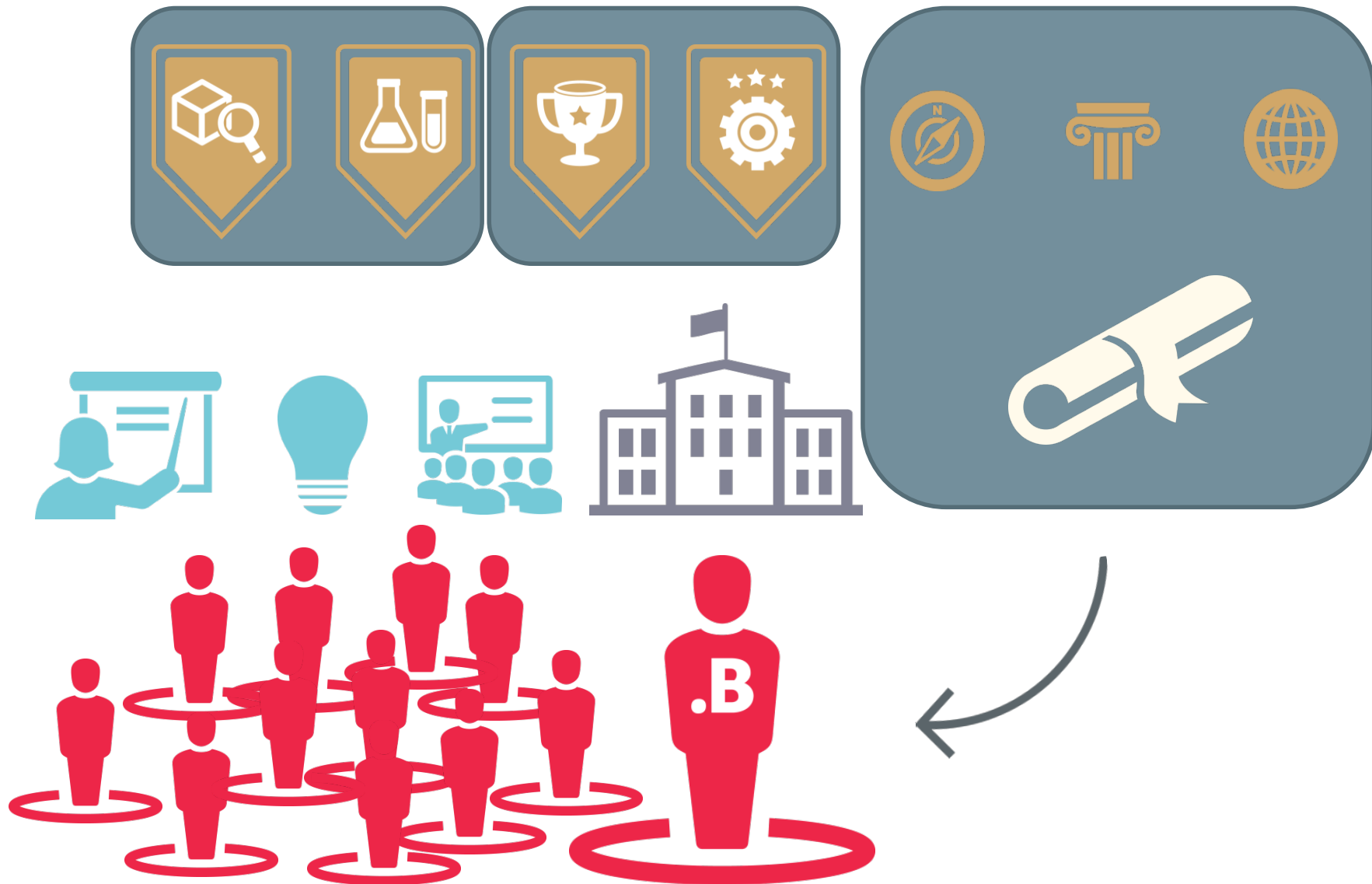
.B Aprire la possibilità di riconoscimento **ad** **altri enti**



.B Aprire la possibilità di riconoscimento **ad** **altre attività**



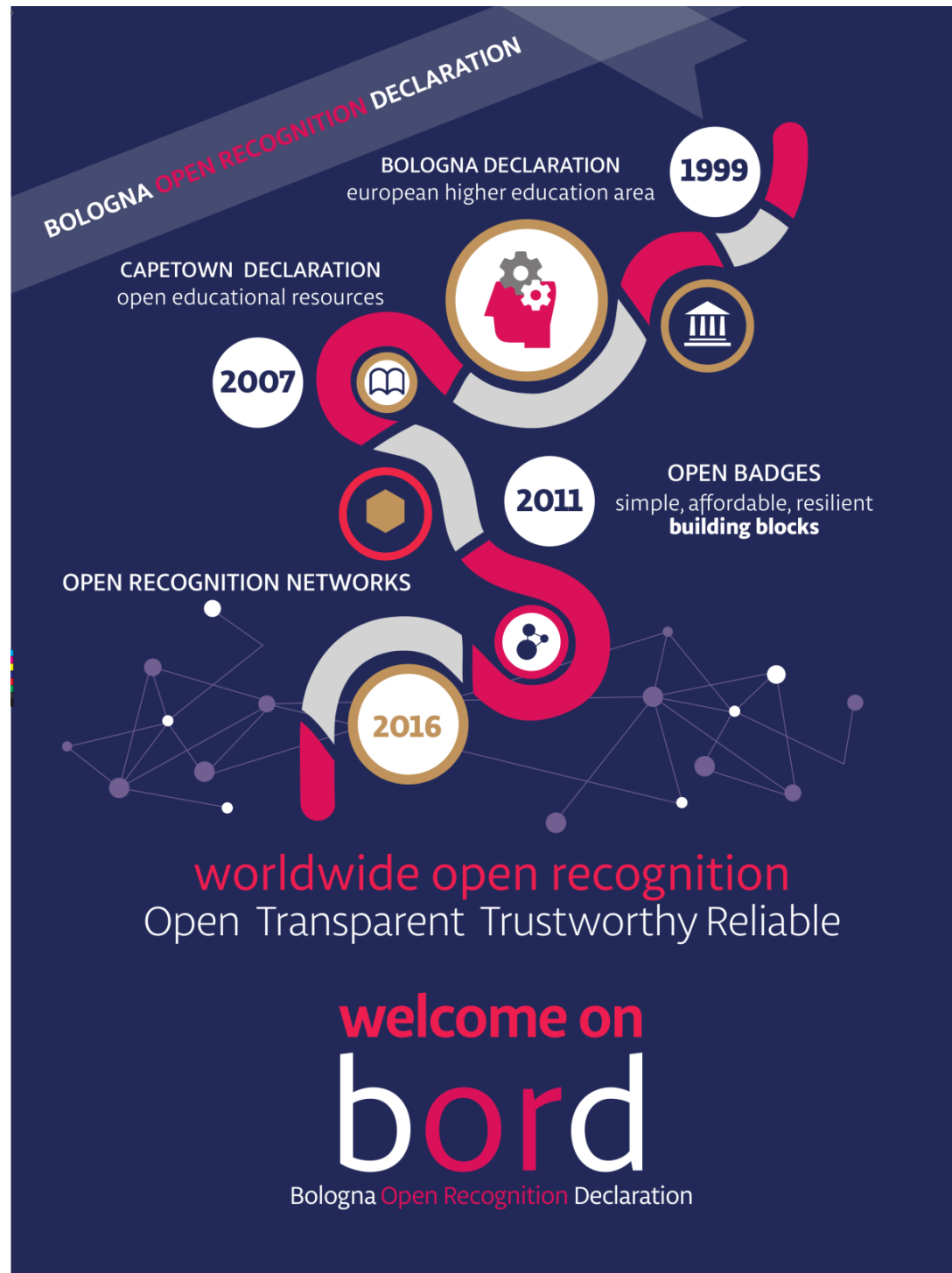
.B Aprire la possibilità di riconoscimento **ad** **altri learner**



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Aprire la possibilità di riconoscimento a competenze di particolare rilievo





Un percorso durato anni

- **1999, Bologna declaration → Bologna process**
 - European Higher Education Area in which students and graduates could move freely between countries, using prior qualifications in one country.
- **2008, Cape Town Open Education Declaration**
 - Governments and publishers urged to make educational materials available freely over the internet.
- **Open educational resources movement**
 - Open Education Conference USA
 - International OERu
 - Paris OER Declaration by UNESCO, 2012
 - Creative Commons, 2003
- **2016, Bologna Open Recognition Declaration**

Bologna OR Declaration: premesse

- A call for a **universal open architecture** for the **recognition of lifelong and lifewide learning achievements**
- **Open Badges as Building blocks**
 - open recognition ecosystem
 - open architecture for the recognition of lifelong and life wide learning achievements
 - Individuals control their recognition and establish their identity
- **Open access** to knowledge and education
- **formal** education is **not accessible to all** citizens
- Need to **recognize informal** lifelong learning
- Create a **continuum** across **all learnings**, lifelong and lifewide.

1. Open recognition for all

First, we encourage **everyone**—learners, educators, citizens and organisations—to **actively participate** in and **take ownership of the emerging open recognition movement**.

Participating includes: taking personal responsibility in one's own learning and in the recognition of others' achievements, contributing to the design, implementation and/or exploitation of local and/or global systems of recognition.

2. Open recognition technologies and infrastructure

Second, we call on the **community** of learning practitioners and technology developers to establish a **trustworthy system of human and machine verifiable learning credentials** and to adopt open standards facilitating the **comparability** and **transferability** of learning credentials.

3. Open recognition policies

Third, we call on **governments, public authorities** and educational stakeholders to implement **inclusive policies facilitating and encouraging the recognition** of learning achievements whether in formal, non-formal and informal settings, with bridges between all three. Those policies should ensure the existence of multiple developmental pathways, increased flexibility and accessibility and the inclusion of socially excluded and disenfranchised groups

Un nuovo passo per l'apertura del sistema accademico, già in atto da tempo

“Yet, we are at a crossroads. We must decide whether we are willing to re-imagine a learning ecosystem that is founded upon **principles of openness and transparency**, one that respects the fact that there is usually **more than one valid way to learning something**. We must recognize that this may or may not happen within the confines of a traditional school.”

Prof. Bernard Bull,
*Assistant Vice President of Academics & Associate Professor of
Education at Concordia University Wisconsin*

L'università di Milano Bicocca ha aderito alla BORD

“Il **riconoscimento certificato delle competenze** attraverso lo strumento degli **Open Badge** è una **necessità** non più rinviabile per favorire **l’inserimento lavorativo, la mobilità e l’integrazione** dei giovani in Europa e non solo.”

Prof. Paolo Cherubini,
Prorettore alla Didattica dell'Università Bicocca

Cineca ha aderito alla BORD

“Per realizzare un sistema che sia aperto ma anche degno di fiducia è indispensabile una architettura tecnologica aperta e ben disegnata.

Cineca aderisce alla BORD nel suo ruolo di **strumentatore tecnologico del sistema universitario italiano**: siamo al **servizio delle università** che vorranno mettersi in gioco per predisporre un'**architettura** che dia sostanza ai **ruoli che gli Atenei sceglieranno di ricoprire.**”

Prof. Emilio Ferrari,
Presidente di Cineca

I ruoli sono *open* e tutti da costruire

- Valorizzare le **competenze implicite** nei **titoli di studio**
- Valorizzare le competenze che nascono in università ma non sul percorso formale (**attività extracurricolari**)
- Proporsi come **validatori di competenze** sviluppate in altri contesti
- Offrire ai **cittadini non studenti** la possibilità di sviluppare e validare **competenze nel contesto accademico**
- Far **dialogare** i titoli tradizionali con il sistema del riconoscimento aperto
- ...

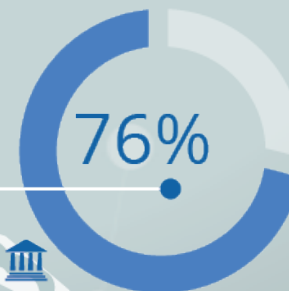
Casi d'uso

“we call on the community of learning practitioners and technology developers to establish a trustworthy system of human and machine verifiable learning credentials and to adopt open standards facilitating the comparability and transferability of learning credentials.” (BORD 2016)

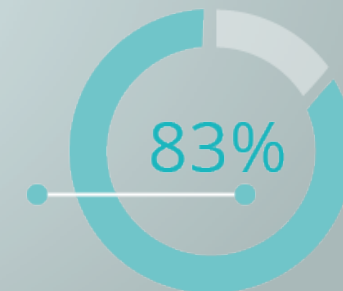
**We digitize and automate the entire student life-cycle.
Among others systems, we provide: Bestr, the Student
Information System, e-Learning Platforms**



All Students
1.341.074



All Universities
69





Issued by **Università degli Studi di Genova**

SINCE 26 July 2016

PROJECT **EduOpen**

136 OWNERS

TAGS: *Computer programming, Computer and Data Sciences, Python*



Users: students + general audience

Platform: Eduopen LMS

Benefits: User personal development, employability, Issuer reputation

Assessments: LMS tests

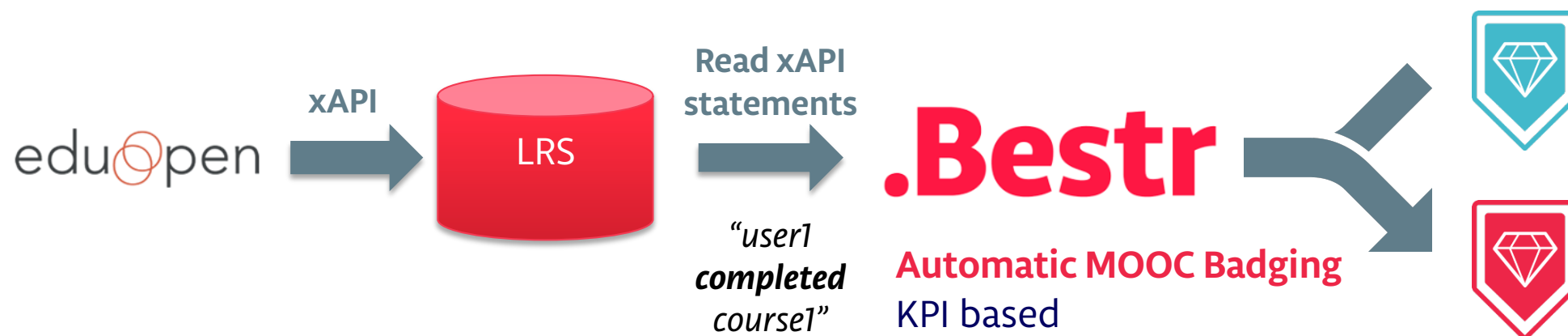
Endorsers: Eduopen network

<https://bestr.it/badge/show/326>

Introduction to Programming Python

This Badge is earned by learners participating in the course "Introduction to Programming Python" offered by EduOpen.

The Badge is to all intents and purposes the course's certificate of attendance.





Issued by **University of Padova**

SINCE 09 May 2017

PROJECT **Language proficiency at CLA**

TAGS: *Language proficiency, Language certification, English Language*



Users: UNIPD students and staff (PhD, teachers, employees)

Platform: Moodle LMS

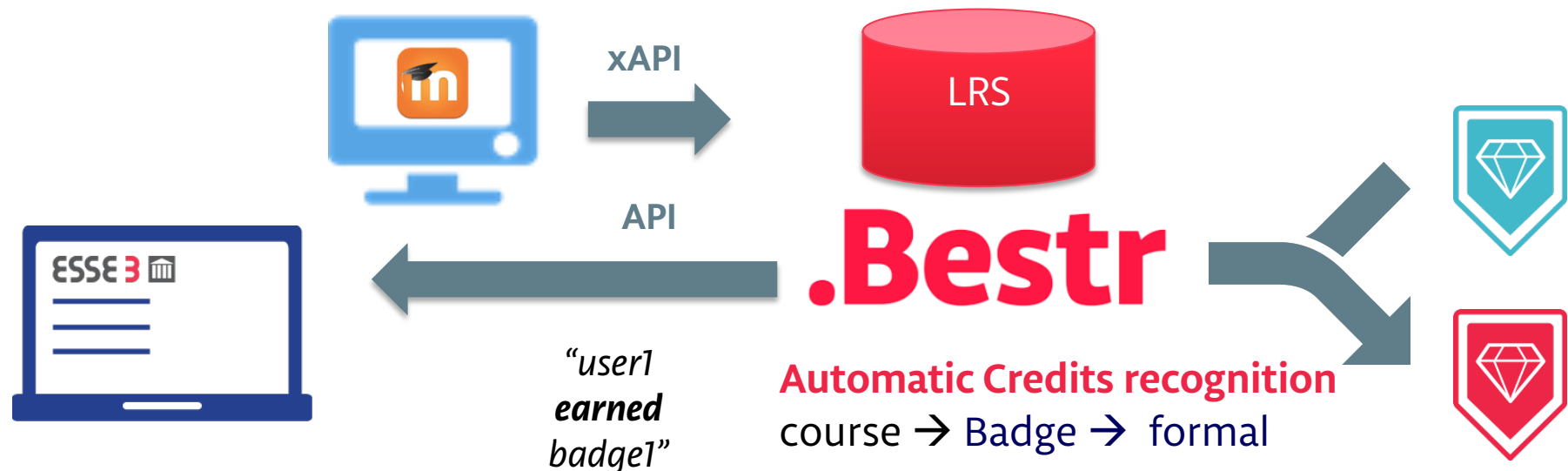
Benefits: User language skills certification, Credit recognition

Assessments: UniPD CLA test

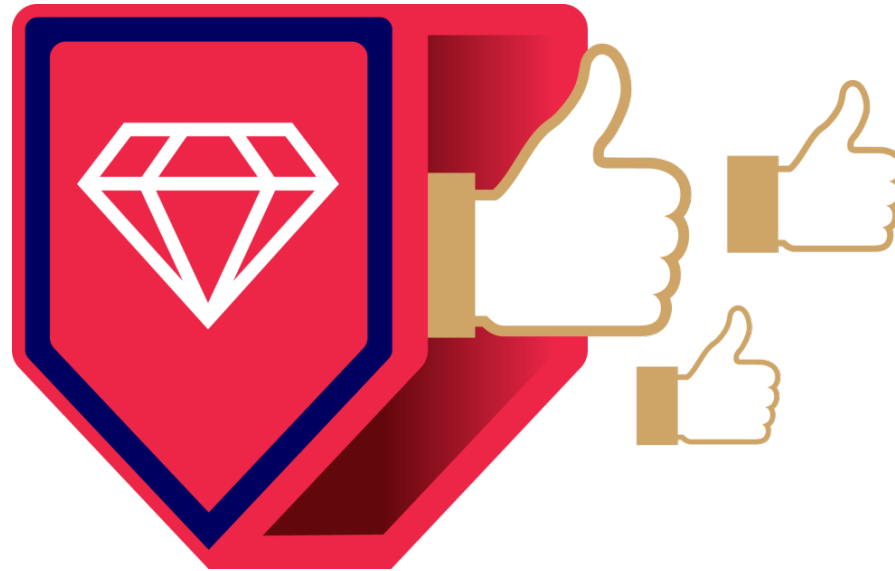
English B1 - Reading and Listening

<https://bestr.it/badge/show/456>

The **Language Proficiency Badge - English B1 - Reading and Listening** certifies the achievement of a level equivalent to B1 as indicated by the CEFR (Common European Framework of Reference), the European system that sets the general standards for language skills.



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Endorsement exploitation

A Badge endorsed by a University mean both **value recognition** and **automatic credit recognition** by its Student Information System



Issued by **Università degli Studi di Milano-Bicocca**

SINCE 24 May 2016

PROJECT **Bbetween**

19 OWNERS

TAGS: **Communication, Writing, Poetry**

Users: UNIMIB students + general audience

Criteria/LO: Developing soft skills, personal knowledge

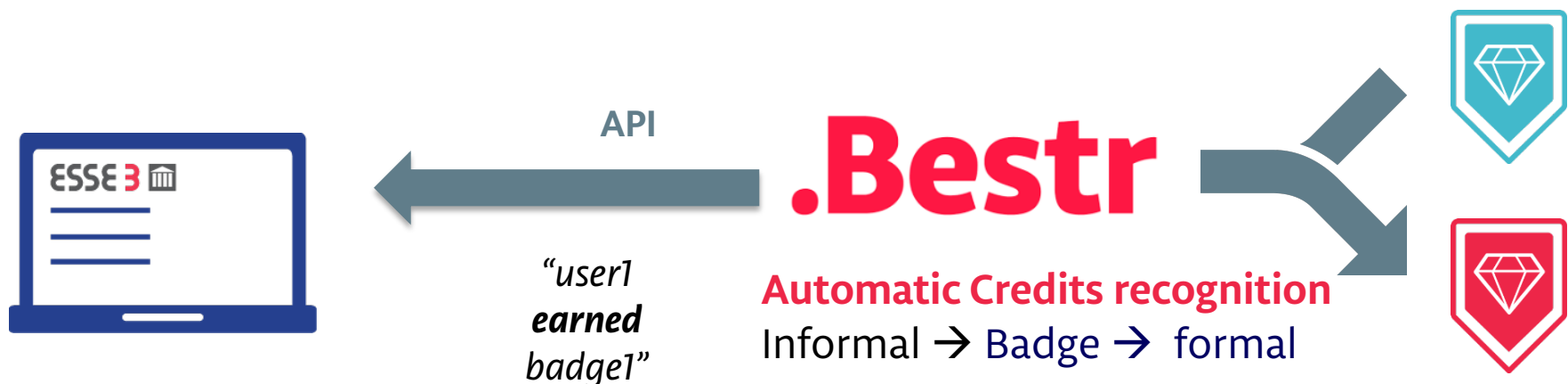
Benefits: engaging user in extra cv activities, Credit recognition, Issuer reputation

Evidence/Assessments: writing a short text with different methods

<https://bestr.it/badge/show/280>

Bbetween Writing 2016 – Writing and poetry Circle

The holder of this Badge has successfully completed the **Bbetween Writing 2016 – Writing and poetry Circle** course, dedicated to various forms and functions of writing, widening knowledge of the topics dealt with and improving personal transversal competencies.

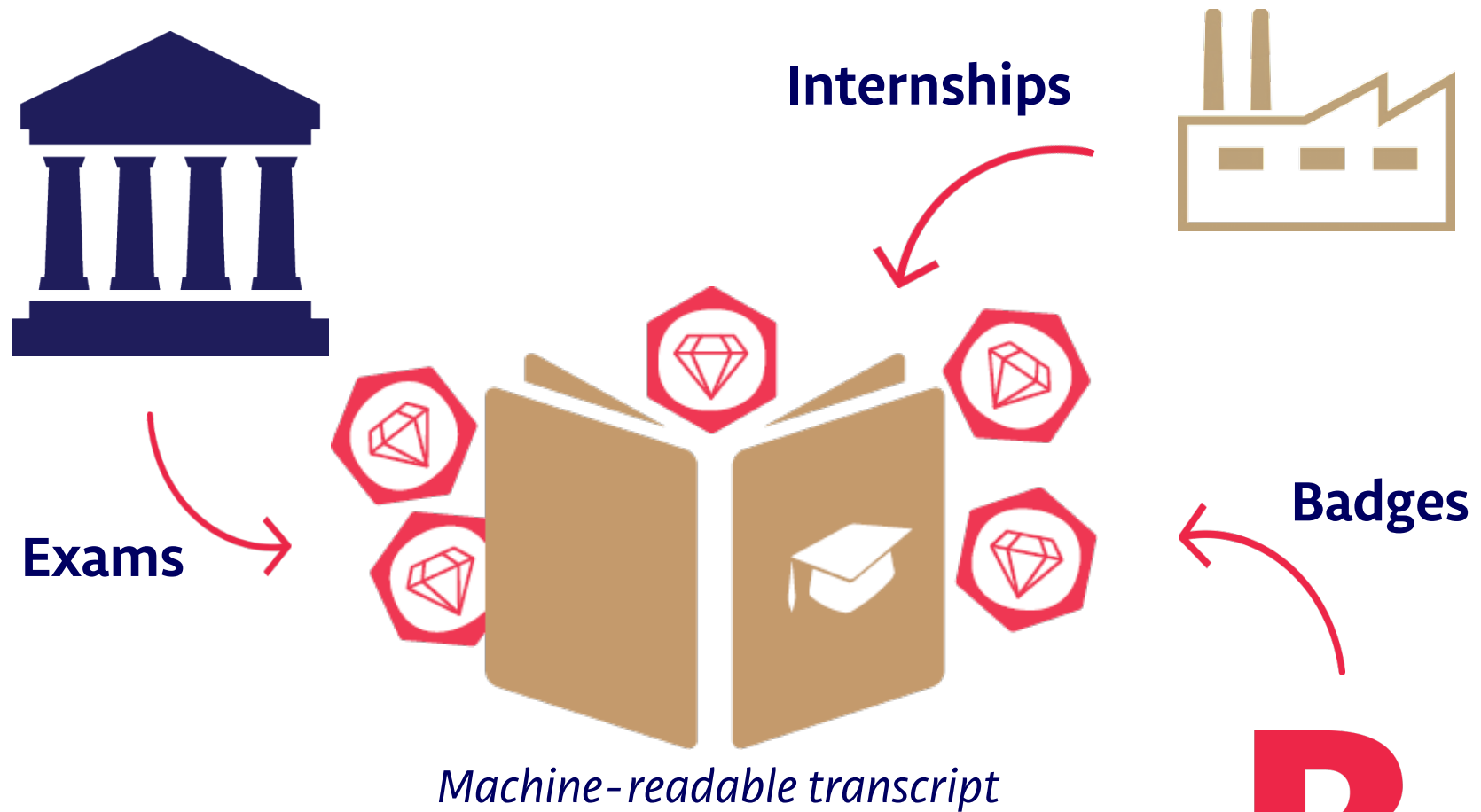


Recognition vs credits

- A University can **recognize Badges coming from other Universities or other organizations** (endorsement) and transform them into formal credits for the students
- But a **Badge recognized** by a University become part of the **Diploma Supplement and transcript records** in the Student Information System, **even if it has no value in credits**

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First steps towards an Extended Transcript!



References:

[IMS Digital Credentialing initiative](#)

[The Evolution of the Transcript, Educause](#)

Open Recognition Day

Bologna, 25 ottobre 2017



www.openrecognitionday.org

ePIC 2017

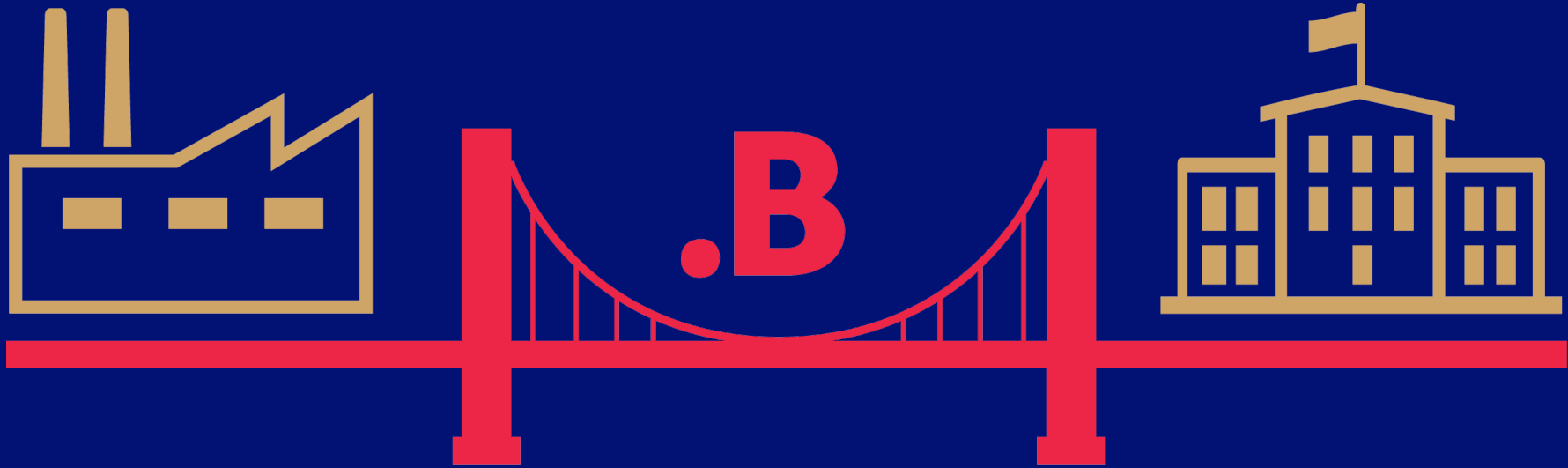
the 15th International
conference on
ePortfolio, Open
Badges, Identity &
Trust

www.openepic.eu

Vi invitiamo a firmare
www.openrecognition.org/bord/

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Grazie!

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