OBEC

INSPIRING REVOLUTIONARY EDUCATIONAL CREDENTIALS

Module 5

One Block for Educational Credentials (OBEC)
2020-1-SE01-KA204-077803

Co-funded by the Erasmus+ Programme of the European Union

OBEC

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ABOUT THE PROJECT

OBEC (2020-1-SE01-KA204-077803) is a KA2 Strategic Partnership co-funded by the Erasmus+ of the European Union. Led by SwIdeas in Sweden, the project gathers partners in Croatia (Regional Develpment Agency of Sisak-Moslavina County - SIMORA), Italy (LAI-MOMO Società Cooperativa Sociale & Università degli studi di Urbino Carlo Bo), Belgium (EURADA - Association Europeenne Des Agences Developpement).

OBEC is an innovative project that aims to explore the potentials of Blockchain technology to promote competency development and recognition of skills and qualifications by creating an innovative system to issue and validate learning credentials on a trial basis. Through this effort, the project's goal is to encourage the professional and academic integration of migrants, exchange students, and individuals with informal and non-formal learning backgrounds.

By contributing to the educational and economic integration of these targeted groups, OBEC envisions to benefit individuals with migrant background, students, teachers, education institutions, and employers. Focusing on the key issue of lack of uniformity and transparency in systems of validation of credentials, it is expected that this effort will result in positive effects in the working context, promoting employability, empowerment, and accessibility to the labour market.

OBEC Module 5

– BC technology –

Topic:
BC technology

Description:
This module is focused on Blockchain platforms as tools for recognizing education credentials and how to access them, what are requirements, and how to use them.
Participants will get acquainted with the credential verification platforms, what platforms are, and how they work. Also, the participants will be acquainted with a BC platform and they will have concrete tasks regarding describing competencies, modules, taxonomy of competencies, and much more.

Target Audience:
- young people who have just graduated from high school
- people with an enterprising spirit who would like to realize their business idea in the future

Milestones:
- Introduction to the BC platform
- How to put a credential on the platform

Final Badge:
Knowledge in putting educational credential on blockchain platform

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Type of Exercise:	**Presentation and Reflection**
Time:	1 hour
Contents/Activities:	• Introduction to BC technology and BC platform • How to put a credential on BC platform • Reflection • Quiz
Objectives:	Upon completion of all milestones, the participants will: • Have an information on BC technology and BC platform: what is it, how it works, who is it for • Learn how to put a credential on BC platform
Assessment format:	Quiz
Material:	TBC

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OBEC

Project Partners

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HOW TO USE BC TECHNOLOGY TO VERIFY CREDENTIALS

Sisak, October 2021.

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MODULE CONTENT

OBEC - One Block for Educational Credentials

SESSION 1

GETTING ACQUAINTED WITH EDUCATIONAL INSTITUTION

- How does educational institution operates
- Description of the educational process

SESSION 2

PRESENTATION OF PLATFORM(S)

- Presenting platform for credential verification.
- How does platforms work?

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MODULE CONTENT

OBEC - One Block for Educational Credentials

SESSION 3

HOW TO PUT YOUR CREDENTIAL ON THE PLATFORM

- How to create an educational program, process of certification and uploading it to the platform
- Linking of an educational program with competences
- Putting the credentials on the platform and linking with educational program
- Description of badge system
- Verification of competences on the platform

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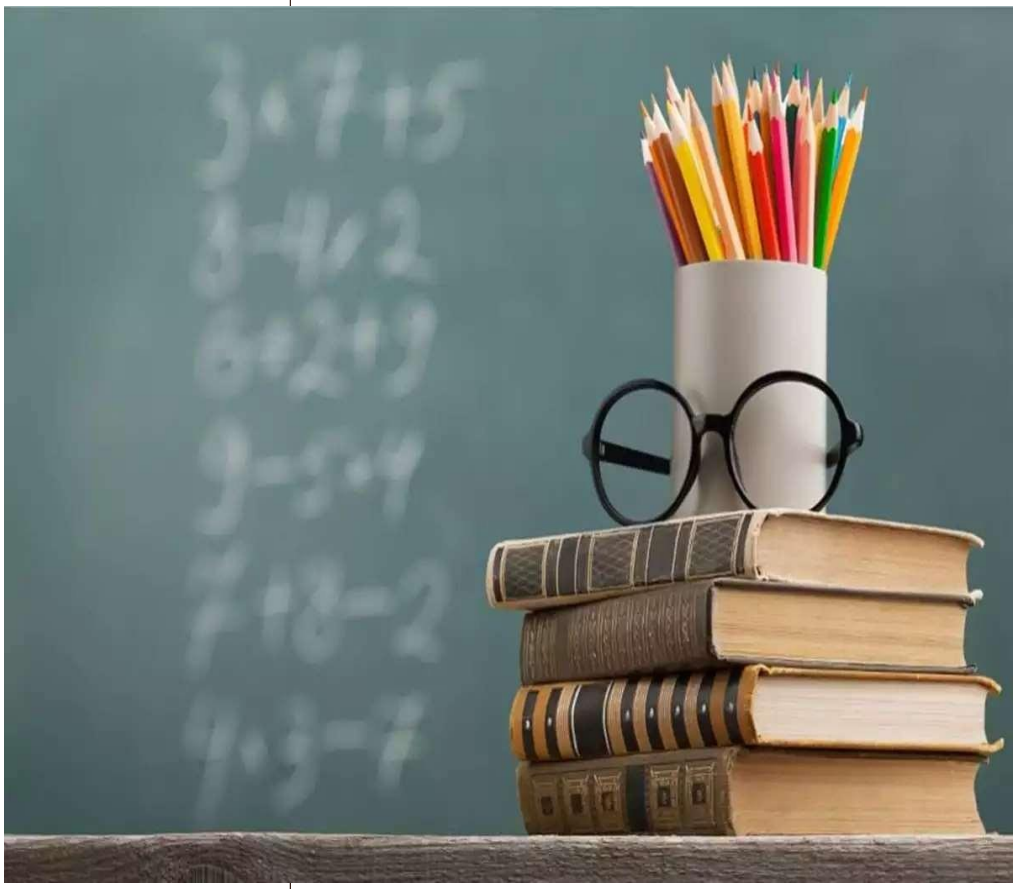
SESSION 1

GETTING ACQUAINTED WITH EDUCATIONAL INSTITUTION

01

GETTING ACQUAINTED WITH EDUCATIONAL INSTITUTION



Presentation of educational institution, its work and activities

Presentation of educational process in details

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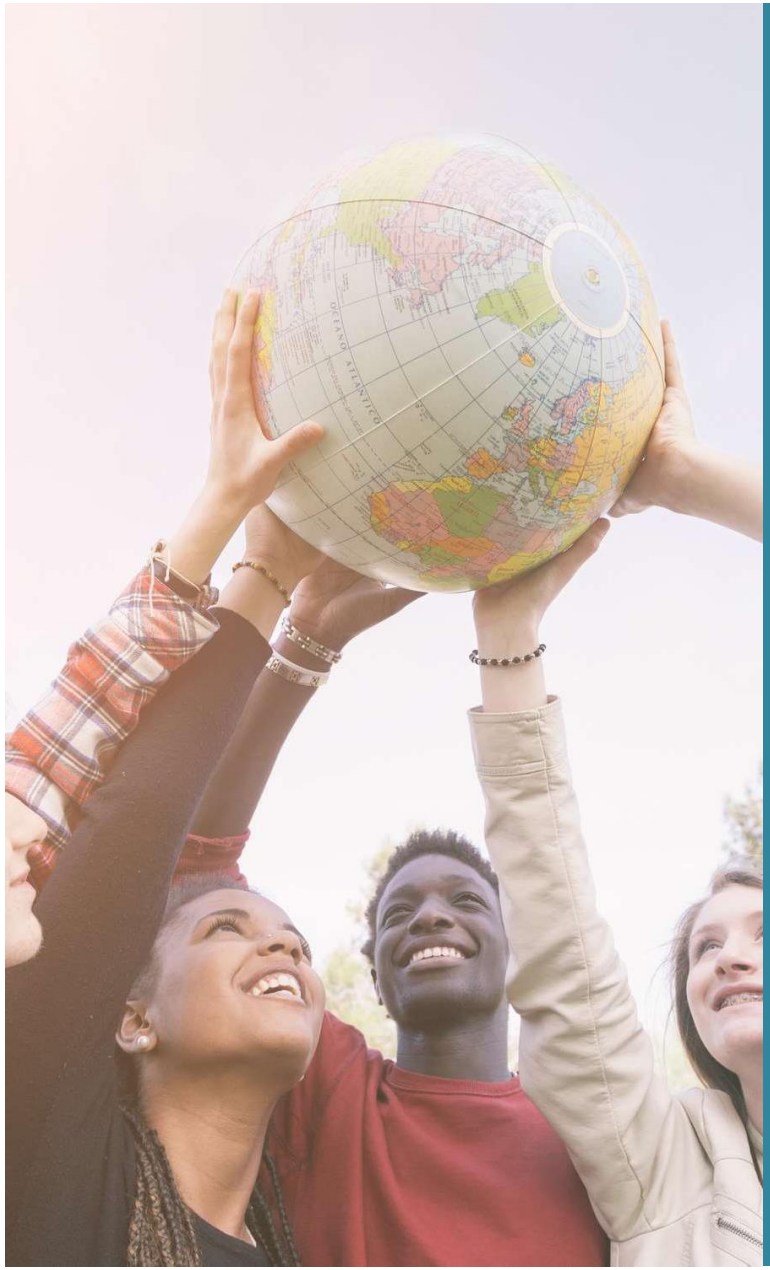

SESSION 2

PRESENTATION OF EDUCATIONAL PLATFORM

02

PRESENTATION OF PLATFORM

PRESENTING PLATFORM FOR CREDENTIAL VERIFICATION - ECTA

HOW DOES PLATFORMS WORK?

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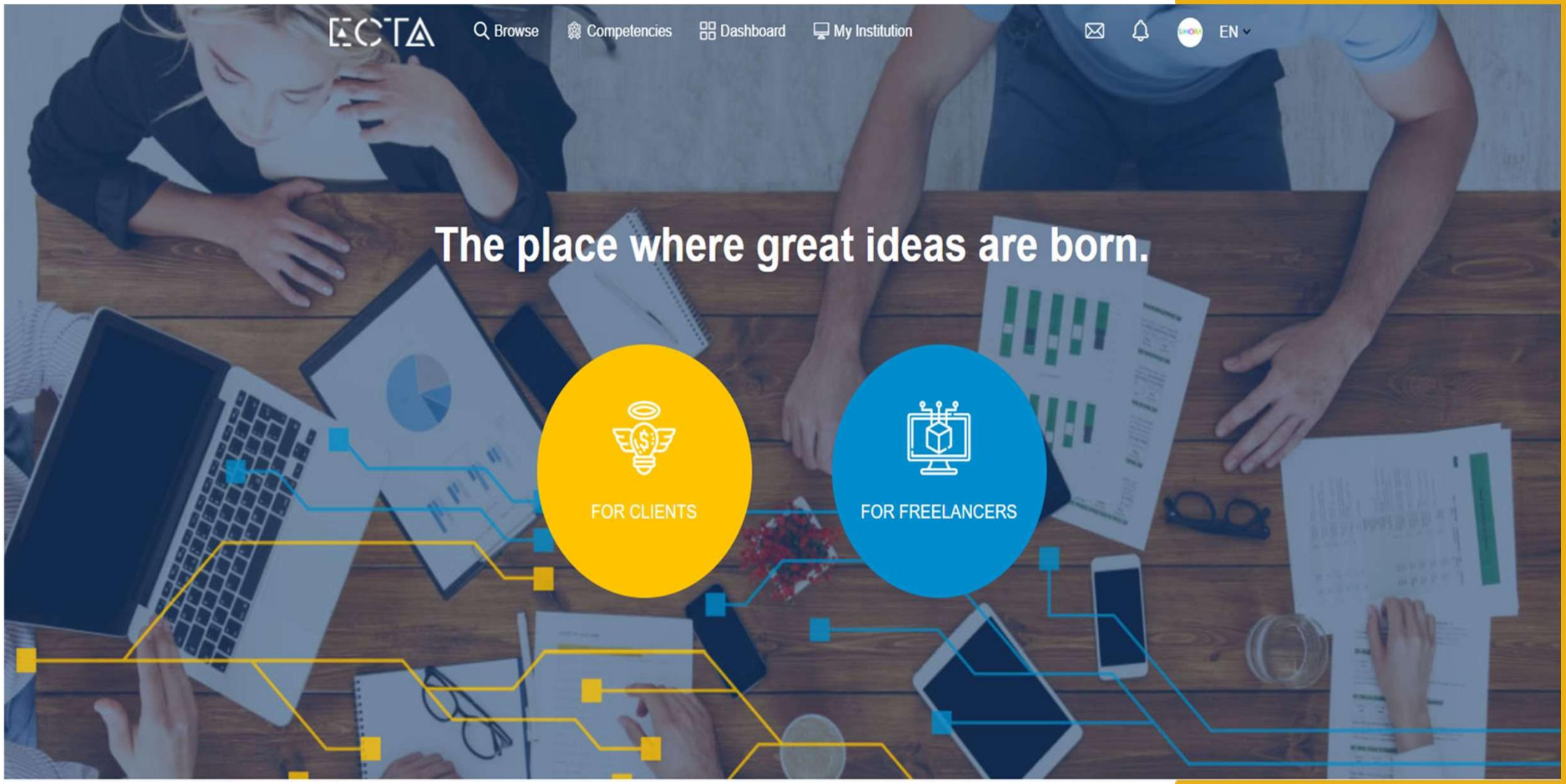
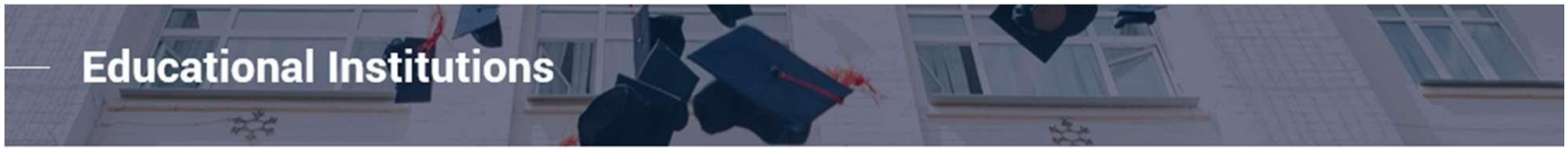

ECTA
Browse
Competencies
Dashboard
My Institution
EN
The place where great ideas are born.
FOR CLIENTS
FOR FREELANCERS

ECTA

A platform for standardization and simplified issuance of competencies that can be used in different ways for different levels of integration.
Competences could be issued by:
- companies to monitor the development of their employees;
- leading partners to monitor the development of their stakeholders;
- schools to monitor the educational process and progress of their students;
- in general to keep track of the development of any recipients of competencies.

Presentation of educational platform



Educational Institutions

Why use it?

Improve educational program

This can help them improve their courses by adjusting for real world needs.

Get alumni's overview

The educational institution gets an overview of their alumni's development after they leave their institution

Certify their students

Educational institutions can certify the work of their students by generating appropriate competencies for them on the portal.

Improve students' chances to find work

The students get a certified competency to start them of and improve their visibility and chances to find work.

ECTA – HOW DOES IT WORK?

1. **An institution asks to join the platform**
2. **Confirmation and invitation to join the platform**
3. **Institution fills out all the necessary information in its profile**
4. **Creation of accounts - a singular account for the interaction on the platform could be used or, more likely, multiple accounts could be created for their administrative workers**

The students or alumni can, from their freelancer account on the platform find their institution and ask them to provide their student ID, duration of studies, completed program, etc.

Connections can then be manually confirmed, or the whole system can be automated with the help of the institution's own database of students.

Based on the program, the students will have the appropriate competency tokens minted and the institution will keep a link to the alumni, which will provide them with valuable insight.

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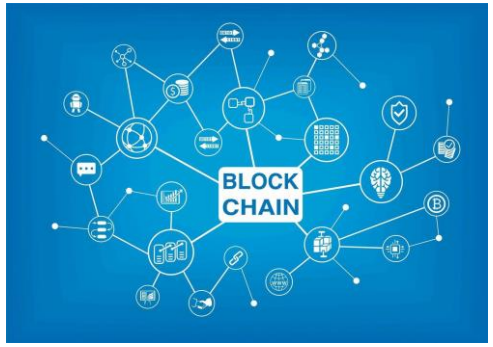
PRESENTATION OF EDUCATIONAL PLATFORM

ECTA – BLOCKCHAIN

ECTA can embed various competencies or references (certificates, education, grades, work history, projects, experience) into blockchain!

* Competences will be transparent, credible, immutable, and non-fungible



PRESENTATION OF EDUCATIONAL PLATFORM

SESSION 3

HOW TO PUT YOUR CREDENTIAL ON THE PLATFORM

03

COMPETENCIES

Anyone can add a new competence to the directory, which thus becomes public and subject to editing based on a voting system (Reddit, Wikipedia example).

Anyone can also suggest additional components to existing competencies.

Competence is thus essentially a “current consensus on the definition and componentsof the competence”.

In the long run ECTA ensures the dynamism of the content of the competencies, which as a living organism is adapting and changing according to the environment over time.

Added value at least two levels:

1. Level of a user who, through his life, first through schooling and then in an active career, acquires credible competencies and can demonstrate them wherever it benefits him (finding a new job)
2. Level of seekers of qualified staff with the possibility of searching for certain competencies.

High level of trust

↓

the use of blockchain technology and algorithms for creating, assigning, and storing competence data

HOW TO PUT YOUR CREDENTIAL ON THE PLATFORM

THANK YOU!

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