



## Delivering blockchain skills for Europe

In this newsletter, learn more about:

- CHAISE's latest reports and results, as well as our latest news
- Interesting events to attend and publications to read
- 3 CHAISE consortium partners in the focus
- News from related initiatives on digital skills and blockchain
- Our upcoming activities

### The coordinator's foreword

Dear reader,

On the verge of the New Year, I am delighted to share with you the 2<sup>nd</sup> edition of the CHAISE newsletter. The second semester of the project was very productive, with the CHAISE partnership reaching its first year objectives and milestones. The partnership concluded a Blockchain labour market analysis and skills intelligence gathering activities, resulting in the demarcation of the Blockchain ecosystem and a comprehensive documentation of the existing demand and supply of Blockchain technical and non-technical skills.

The above will provide the informed basis for the formulation of a European Skills Development Strategy - to be published in March 2022 - that will tackle the prevailing skills shortages and respond to the current and future skill needs of the European Blockchain workforce.

In parallel, the partnership has already started working on the design of a model to forecast the demand and supply of Blockchain Professionals on the basis of macro-environment (mega trends) and sector-specific trends.

I hope you enjoy reading our newsletter and I would like to invite you to go through our [website](#), follow us on social media or [contact us directly](#) for more information. Do you share our vision? Join the Alliance as an associated partner and contribute to the accomplishment of our activities and objectives!

Prof. Parisa Ghodous

### Our latest reports & findings

The CHAISE partners have worked hard the last six months to provide you with brand new insights on the state of play of the blockchain labour market and blockchain skills.

#### Study on Blockchain Skills Supply

This study aims to identify the current level of blockchain skills and competences within the EU labour market. Evidence was gained via numerous sources, such as interviews with education and training providers, review of existing formal and non-formal courses, searching online ICT communities and fora.

[Read the study](#)

#### Study on Blockchain Skills Demand

This study analyses the structure and nature of blockchain employment, the characteristics and educational profile of the blockchain workforce, skills usually required by employers, and provides an outlook on future developments of blockchain employment and needed skills.

[Read the study](#)

#### Study on skills mismatches in the blockchain sector



Concluding almost one year of research, this study presents the CHAISE findings on the European blockchain ecosystem and labour market, providing recommendations for policymakers and future blockchain curricula. Further, it provides insights on the future of the blockchain labour market in Europe and presents unique blockchain workforce personas developed by the CHAISE researchers, namely the Blockchain Developer, the Blockchain Architect and the Blockchain Manager/Consultant. This newly gained knowledge will serve as a basis for the development of upcoming CHAISE activities, including a blockchain skills strategy and a blockchain curriculum tailored to Europe's needs.

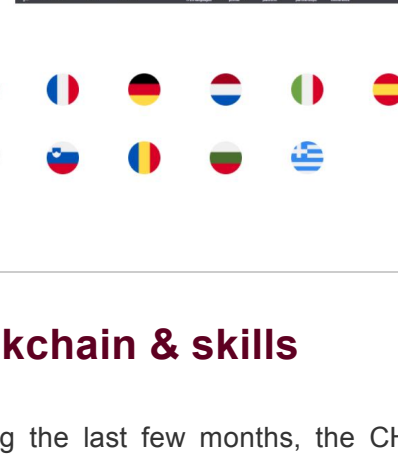
[Read the study](#)

### What's new?

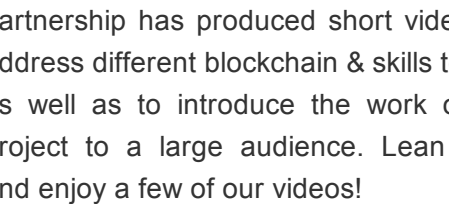
Read on to discover CHAISE's latest updates.

#### The CHAISE brochure and poster in 11 languages

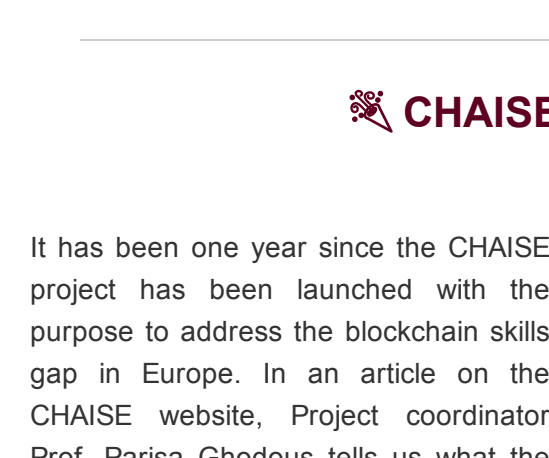
Language should not be a barrier to learn more about blockchain and CHAISE's activities. This is why the CHAISE partnership develops material in 11 EU languages. If you want to know more about the project as well as its upcoming results, consult the brochure and poster in the language of your liking!



[Brochure & Poster](#)



#### 23 short videos on blockchain & skills



During the last few months, the CHAISE partnership has produced short videos to address different blockchain & skills topics, as well as to introduce the work of the project to a large audience. Lean back and enjoy a few of our videos!

[Watch our videos here](#)

### 🎂 CHAISE turns one 🎂

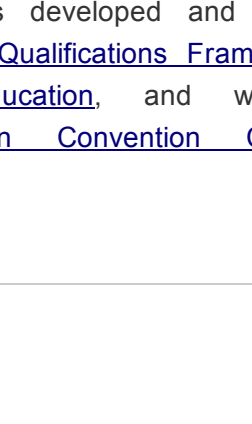
It has been one year since the CHAISE project has been launched with the purpose to address the blockchain skills gap in Europe. In an article on the CHAISE website, Project coordinator Prof. Parisa Ghodous tells us what the partnership has achieved within the last year and what's coming next.



[Read the article](#)

### CHAISE consortium partners in the spotlight

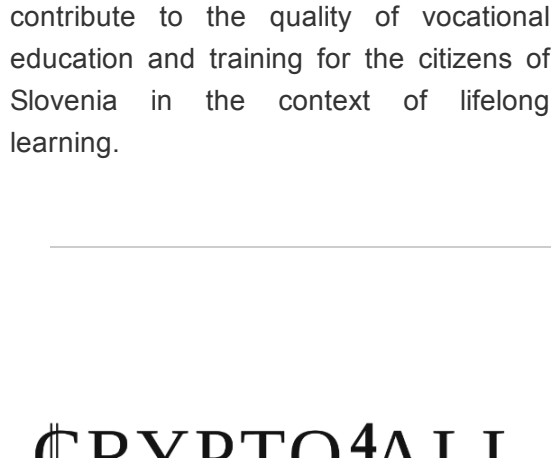
In this edition, get to know more about CIMEA, the Institute of the Republic of Slovenia for Vocational Education and Training (CPI), and Crypto4all.



CIMEA is the Italian National Centre of the [NARIC-ENIC Network](#). It provides consultation on recognition procedures for academic qualifications, qualifications frameworks, joint programmes and degrees. CIMEA manages the service [Diplome - #Blockchainforpeople](#), which uses Blockchain technology for the recognition of academic qualifications. CIMEA has developed and maintains the [Italian Qualifications Framework for Higher Education](#) and works for the [Lisbon Convention Committee Bureau](#).

CIMEA represents the Italian Ministry for Universities and Research in the development of the European Higher Education Area ([EHEA](#)) and the European Education Area ([EEA](#)). CIMEA+ projects in numerous [Erasmus+ projects](#) addressing skills mismatches.

In the CHAISE project, CIMEA contributes to skill intelligence gathering activities. CIMEA documents national educational policies on skills mismatches and supports the learning outcomes approach, assuring curriculum compliance with existing EU transparency tools. CIMEA will provide support for the recognition of the blockchain specialisation qualification and organise an exhibition event to mainstream project results.



The Institute of the Republic of Slovenia for Vocational Education and Training (CPI) is the central Slovenian institution in the field of vocational education and training. It is responsible for linking social partners, and provides support in developmental, research, implementing and systemic processes that contribute to the quality of vocational education and training for the citizens of Slovenia in the context of lifelong learning.

CPI coordinates the development of new and revised occupational standards as a basis for curricula development and system of validation in a context of national system of qualifications in the Republic of Slovenia. CPI is a national coordination point for qualifications and hosts the National Europass Centre.

Within the CHAISE project, CPI will develop yearly skills forecast reports and fact sheets that summarize the predictions for the upcoming year's skills supply & demand, knowledge & skills needs, workplace requirements, and key trends in training provision.



Crypto4all is the oldest blockchain educational & training company which delivers highly educational training program for universities and enterprises. As a professional training organization active since 2015, Crypto4all has set up various combinations of innovative and traditional teaching/training formats based on active pedagogy, blockchain skills training for technical and non-technical profiles, oriented to specific market sectors or backgrounds.

Crypto4all has delivered training for Universities (Paris Dauphine, Nice Sophia Antipolis, Mohamed VI polytechnic), engineering schools (Ionis Group, ETNA), business schools (Pôle Paris Alternance, Neoma Business School) and major companies (Sea, NAVAL, ATOS, Nokia, Bank of Luxemburg, INRIA, Julius Baer, SNCF, L'OREAL).

The role of education and skills in innovation is critical, thus Crypto4all is involved in CHAISE to contribute to the definition of a European Blockchain market development strategy. Our team is mainly composed of experienced blockchain architects, smart contract developers, financial engineers and legal practitioners from various sectors, who are passionate about Blockchain technology and pedagogical knowledge.

### Partners' events & publications

The CHAISE consortium has selected its key events and publications to share with you.

#### Blockchain in Business Conference 2021 Wednesday 8 December 2021 | Live

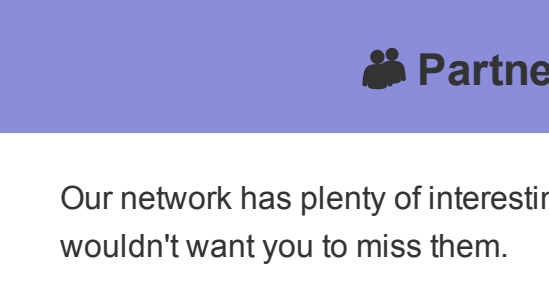
The event will highlight the impact of blockchain technologies for businesses and organisations. It will host internationally renowned speakers and Greek case studies, such as to showcase the best ways to utilise the modern tools offered by decentralised DLT technologies.

The conference is organised by network and Bousias Communications in collaboration with the Hellenic Blockchain Hub. The language of the conference is English and Greek. The Greek Ministry of Education and Religious Affairs will introduce CHAISE to the audience.



[More information](#)

#### Report: Blockchain for Social Impact



CHAISE consortium partner INATBA is proud to announce its latest report on Blockchain for Social Impact. Authored by the INATBA Social Impact Working Group, the report analyses survey responses from blockchain for social impact projects to draw conclusions on the role of the UN Sustainable Development Goals in projects. The Working Group is launching the development of a standardised framework for projects to measure impact - [join today](#).

[Read the report](#)

### 👥 Partners' corner 👥

Our network has plenty of interesting initiatives and opportunities! We wouldn't want you to miss them.

#### Blockchain for the recognition of foreign study qualifications

The "CIMEA for Refugees" portal issues free **Statements of Comparability** for foreign study qualifications to refugees in Italy and allows to share it in an entirely digital, simple and secure format, making use of blockchain technologies.

Since 2015, CIMEA, with the support of the Ministry for Universities and Research, has been issuing free certificates of comparability for refugees, encouraging greater inclusivity in the field of higher education.

Given the current situation in Afghanistan, the "CIMEA for Refugees" portal represents a step forward for the recognition of foreign qualifications in the Italian system.



[More information](#)

#### CHAISE's sister project ESSA focuses on Software Skills



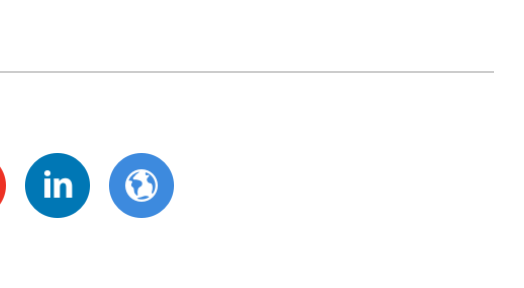
While CHAISE is focusing on Blockchain Skills, ESSA - also known as the European Software Skills Alliance - is developing a European roadmap for Software Skills development.

ESSA recently launched the the "Europe's Most Needed Software Roles and Skills" report — a research-based, market-oriented overview exploring the current (and future) needs for **software skills**. Discover now what software skills - hard, soft, and business - you should invest in: [get the full report](#).

[Learn more](#)

#### Workshop: How European Policy Initiatives Can Enable the Future of Blockchain - 25 November

On 25 November 2021, the Block.IS and BlockStart projects are organising a blockchain policy workshop in Brussels. The goal is to discuss the current state of the regulatory landscape in Europe and to provide input into removing regulatory barriers for SMEs to adopt DLT and developing a compelling legal framework.

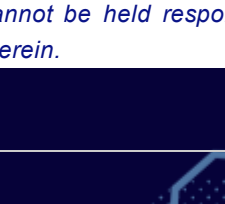
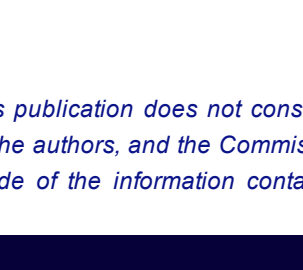


[Join the workshop](#)

### What's next?

Stay tuned for our upcoming activities! Our next publications include:

- A Study on the EU Blockchain Growth Strategy (November 2021)
- A Blockchain Skills forecasting model (December 2021)
- A European Blockchain Skills Strategy (April 2021)



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