

Newsletter #1

June 2021

Delivering blockchain skills for Europe

In this newsletter, learn more about:

- The CHAISE project
- Our first findings and results, as well our latest news
- Interesting events to attend and publications to read
- News from related initiatives on digital skills and blockchain
- Our upcoming activities

The coordinator's foreword

Welcome to the first edition of the CHAISE Newsletter!

Blockchain is at the core of the EU strategy to advance digital transformation and stimulate sustainable, inclusive growth. The European Blockchain Sector is well placed to acquire global leadership; still its competitiveness largely relies on the availability of a competent workforce. The sector is challenged by talents shortage, global competitive pressures, limited connection between education & market, and low responsiveness of formal education to new workplace requirements.

Against this background, the core mission of the CHAISE Consortium is to set forward a sectoral approach on Blockchain Skills Development. CHAISE is a Sector Skills Alliance funded under the Erasmus+ Programme. CHAISE will formulate a European strategy to address skill mismatches and shortages and deliver future focused training, qualifications and mobility solutions geared to sectoral realities and needs.

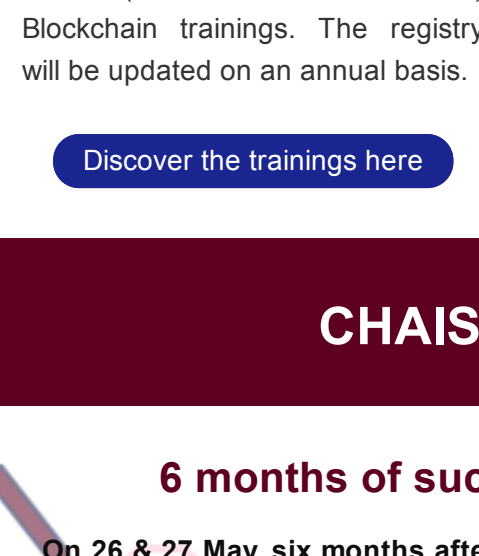
The CHAISE consortium is comprised of 23 partners and 5 associated partners, coordinated by the Université Claude Bernard Lyon 1 (France). Lyon 1 University, through its department of information technologies, has been conducting research activities for several years, to solve interoperability problems and scale up blockchain applications and platforms, under the guidance of Prof. Parisa Ghodous. Already coordinator of the Erasmus+ project "BLISS - Blockchain skills for ICT professionals", she is now coordinating the CHAISE project.

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

CHAISE results

Study on Blockchain labour market characteristics



The "Study on Blockchain labor market characteristics" aims at defining the size and characteristics of the blockchain labour market.

It provides an overview of the blockchain ecosystem and market at the EU level and in different EU countries, an in-depth analysis of the blockchain related occupations currently in demand, as well as brand new insights on the most common characteristics of the blockchain workforce.

[Read the Study here](#)

Registry of blockchain training offerings

The Registry of Blockchain educational and training offerings is a user-friendly overview of the available blockchain trainings in the EU. It includes both formal and non-formal (online courses, seminars) Blockchain trainings. The registry will be updated on an annual basis.

[Discover the trainings here](#)

Registry of blockchain job vacancies

The Registry of Blockchain online job vacancies is a list of Blockchain-related positions in different industries and economic sectors. The database includes 338 records from 18 EU countries. The purpose of this list is to analyse the most required characteristics for blockchain positions.

[Discover the jobs here](#)

CHAISE updates

6 months of successful collaboration

On 26 & 27 May, six months after the Kick-Off meeting, the 23 partners of the CHAISE partnership met at the second consortium meeting of the project.

Originally intended to be organized as a physical event by the European Certification and Qualification Association in Austria, the meeting had to be held online due to COVID-19 travel restrictions. The meeting's purpose was to reflect on the results of the first 6 months of the project and to align on the upcoming activities.

All partners praised the excellent collaboration of the partnership as well as the coordination and left the meeting with a renewed motivation to achieve the project's ambitious goals.

[Read about the meeting](#)

The CHAISE website is now available in 11 languages!

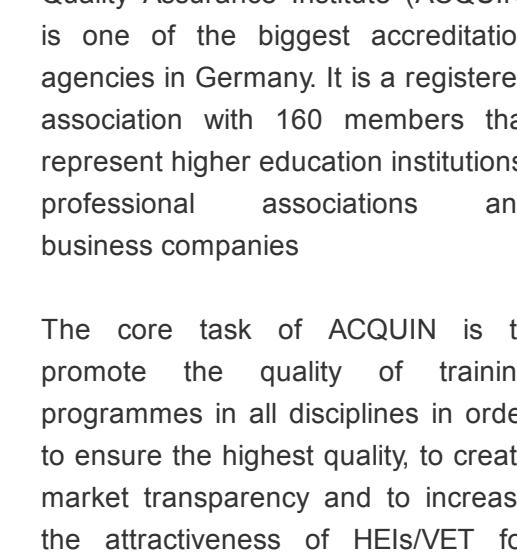
The CHAISE website aims at informing and reaching out to a wide audience interested in blockchain skills.

Thus, the CHAISE website is available in **11 languages**: English, French, German, Dutch, Italian, Spanish, Estonian, Slovenian, Romanian, Bulgarian and Greek.

[Visit the website](#)



CHAISE promotional material available



If you want to spread the word about the CHAISE project, our CHAISE brochure and poster come in very handy to provide an overview of the project.

Currently available in English, the brochure and poster will soon be available in 10 other EU languages!

[Download here](#)

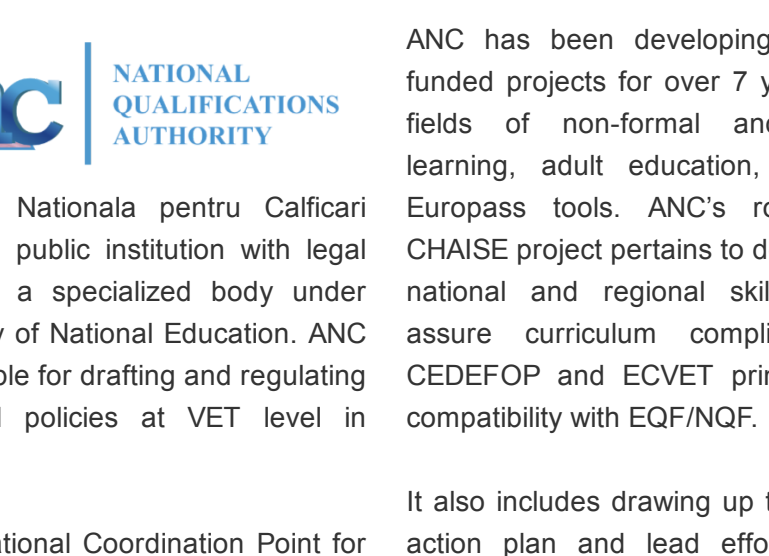
CHAISE Expert Advisory Board launched

The CHAISE Expert Advisory Board is made up of 17 experts and representatives from industry, education, policymaking, civil society, and scientific communities from 15 European countries. Their aim is to overview and assess the progress and outcomes of the European Blockchain Skills Strategy.

The first meeting of the CHAISE Expert Advisory Board took place online on 1 February and was devoted to demarcating the Blockchain sector in Europe, market dynamics, and potential challenges identified by Board members.

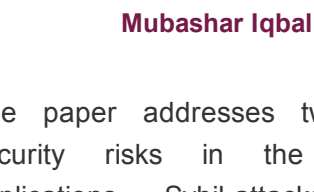
[Expert Advisory Board](#)

European Survey on Blockchain Skills



As a part of the CHAISE skills intelligence gathering activities, CHAISE ran an online survey on Blockchain skill needs and labour market realities. The survey collected the point of view of Blockchain company managers, Blockchain Developer/Consultants, and end-users of Blockchain-enabled applications. The results are feeding into a skills mismatches report. Stay tuned!

CHAISE consortium partners in the spotlight



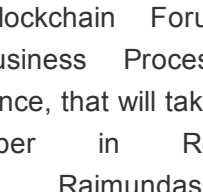
Your intention. Our focus.

The Accreditation, Certification and Quality Assurance Institute (ACQUIN) is one of the biggest accreditation agencies in Germany. It is a registered association with 160 members that represent higher education institutions, professional associations and business companies

The core task of ACQUIN is to promote the quality of training programmes in all disciplines in order to ensure the highest quality, to create market transparency and to increase the attractiveness of HEIs/VET for learners.

At European level, ACQUIN is registered in the European Quality Assurance Register (EQAR) and is a member of the European Association for Quality Assurance (ENQA).

ACQUIN's role in CHAISE is to develop the blueprint for the establishment of a new blockchain specialisation qualification, to gather labour market insights in consultation with E&T providers and educational authorities, as well as to support the implementation of the European Quality Assurance framework in line with CEDEFOP and ECVEF guidelines.



BerChain

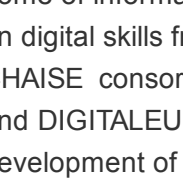
BerChain is a member-led, non-profit association based in Berlin, connecting and promoting the Berlin blockchain community from throughout the blockchain ecosystem and beyond, positioning Berlin as the global Blockchain capital.

BerChain facilitates science and research activities, education, and vocational training around the topic of blockchain through which it promotes the local Berlin blockchain ecosystem.

By doing so, BerChain aims to create a unique interdisciplinary environment and accelerate the local blockchain community growth.

As a partner of CHAISE, BerChain is active in all Work Packages, providing network access to blockchain professionals and industry experts.

The BerChain Board combines more than 10 years of experience in the blockchain space, which represents a great addition to validate and promote the CHAISE results and mission. BerChain is concerned with ensuring a sustainable future for sector enterprises & professionals, and thanks to CHAISE will have the chance to support the provision of professional development opportunities and influence relevant policy making.



NATIONAL QUALIFICATIONS AUTHORITY

Autoritatea Nationala pentru Certificari (ANC) is a public institution with legal personality, a specialized body under the Ministry of National Education. ANC is responsible for drafting and regulating educational policies at VET level in Romania.

It is the National Coordination Point for the EQF, the National Europass Center, the National Euroguidance Center and the National Support Service for EPAL.

ANC has been developing European funded projects for over 7 years in the fields of non-formal and informal learning, adult education, EQF and Europass tools. ANC's role in the CHAISE project pertains to documenting national and regional skills policies, assure curriculum compliance with CEDEFOP and ECVEF principles and compatibility with EQF/NQF.

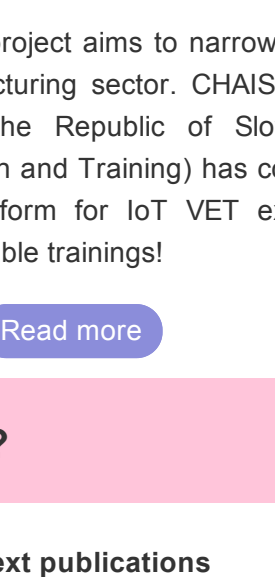
It also includes drawing up the national action plan and lead efforts for the establishment of a National Blockchain Skills Partnership in Romania and providing feedback on blockchain specialisation qualification.

Partnership events & publications

Publication: *Exploring Sybil and Double-spending Risks in Blockchain Systems*, Mubashar Iqbal, Raimundas Matulevičius (University of Tartu)

The paper addresses two frequent security risks in the blockchain applications — Sybil attacks and double spending. The research on this topic will contribute to the development of the CHAISE training material (WP5).

[Read the publication here](#)



Conference: 28th International EuroSPI² Conference 1-3 September 2021 in Krems, Austria

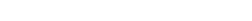
EuroSPI² conferences present and discuss results from systems, software and services process improvement and innovation (SPI) projects in industry and research, gathering international researchers and professionals working towards the next higher level of software management professionalism. The CHAISE project will be represented in this event with a paper contribution: The European CHAISE initiative to shape the future of Blockchain skill qualification and certification".

This paper, published in the prestigious Springer Lecture Notes of Computer Science book series, will be at the heart of a CHAISE workshop organized in the context of the Digitalization community of EuroSPI².

[Find out more](#)

Conference: BPM Blockchain Forum 6 September 2021, Rome

The Blockchain Forum is part of the Business Process Management Conference, that will take place from 6-10 September in Rome. CHAISE partner Raimundas Matulevičius (University of Tartu) is involved as a program committee member.



Save the date! The 2022 edition of the Forum will take place in September 2022 in Münster, Germany.

[Find out more](#)

Research topic in the "Frontiers in Blockchain" journal

The "Frontiers in Blockchain" journal is looking for contributors on the topic of "Blockchains and Smart Contracts for Business Process Management".

Submit your abstract and/or manuscript until **16 August 2021!**

[Become a contributor](#)

Partners' corner

Launch of the Digital Skills and Jobs Platform

To help bridge the digital skills gap in Europe, the European Commission has launched the Digital Skills and Jobs Platform, the new home of information, initiatives and resources on digital skills from across Europe.

CHAISE consortium partners DIGITAL SME and DIGITALEUROPE both contributed to the development of the platform.

[Visit the platform](#)

DigitalSkillUp courses went live!

digital sk://up

Your guide to emerging technologies

[Read more](#)

Digital SkillUp is an EU-funded initiative contributing to the Digital Skills and Jobs Platform. It provides easy-to-follow, engaging and free-of-charge online courses in 10 European languages designed to help European citizens and SMEs to up-skill and re-skill around emerging technologies and digital transformation.

INDUSTRIA & EBSI

CHAISE consortium partner INDUSTRIA has been selected to develop a blockchain node for Bulgaria on the European Blockchain Services Infrastructure, together with a consortium of Bulgarian stakeholders. The consortium will specifically focus on Self-Sovereign Identity and Notarisation.

[Read more](#)

Talentjourney trainings

The Talentjourney project aims to narrow the skills gap in the manufacturing sector. CHAISE partner CPI (Institute of the Republic of Slovenia for Vocational Education and Training) has contributed to set up this Platform for IoT VET excellence. Check out the available trainings!

[Read more](#)

What's next?

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

- 2 studies on Blockchain skills demand and supply (July 2021)
- A study on skills mismatches in the Blockchain sector in Europe (August 2021)
- A study on the EU Blockchain Growth Strategy (October 2021)

The creation of these resources has been funded by the ERASMUS+ program of the European Union under grant no. 621646-EPP-1-2020-1-FR-EPPKA2-SSA-B.

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