

chaise

blockchain skills for Europe

D7.3.1:

Blueprint for the creation of national Blockchain Scholarship and Traineeship programs

June 2024

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



PROJECT DETAILS

Project acronym: CHAISE
 Project name: A Blueprint for Sectoral Cooperation on Blockchain Skill Development
 Project code: 621646-EPP-1-2020-1-FR-EPPKA2-SSA-B

Document Information

Document ID name: CHAISE_WP7_D731
 Document title: D7.3.1 – Development of a Blueprint for the creation of national Blockchain Scholarship and Traineeship Programs
 Type:
 Date of Delivery: 18/06/2024
 WP Leader: DIGITAL EUROPE
 Task Leader: YPAITH
 Implementation Partner: YPAITH
 Dissemination level: Public / Restricted / Confidential

DOCUMENT HISTORY

| Versions | Date | Changes | Type of change | Delivered by |
|-------------|----------------|-------------------|----------------|--------------|
| Version 1.0 | November 2023 | Initial document, | - | YPAITH |
| Version 2.0 | | Revised Version | | YPAITH |
| Version 3.0 | | Revised Version | | |
| Version 3.1 | September 2024 | Revised Version | | YPAITH |

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| 21 | INDUSTRIA Technology Ltd | INDUSTRIA | BG |
| 22 | Crypto4all | C4A | FR |
| 23 | Economic and Social Research Institute | ESRI | IE |

Abbreviations

| | |
|-------|---|
| AF | Application Form |
| D | Deliverable |
| DG | Directorate General |
| EACEA | Education, Audiovisual and Culture Executive Agency |
| EQF | European Qualification Framework |
| EC | European Commission |
| EU | European Union |
| D | Deliverable |
| ICT | Information and Communications Technology |
| KPI | Key Performance Indicator |
| M | Month |
| MOOC | Massive Open Online Course |
| OER | Open Educational Resources |
| PM | Project Management |
| PMT | Project Management Team |
| PT | Points |
| QA | Quality Assurance |
| SC | Steering Committee |
| SME | Small and Medium-sized Enterprise |
| SSA | Sector Skill Alliance |
| T | Task |
| TL | Task Leader |
| VET | Vocational Education and Training |
| WP | Work Package |
| WPL | Work Package Leader |

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Blueprint for the creation of national Blockchain Scholarship and Traineeship Programs

1 Overview of the Scholarship and Traineeship Programs

1.1 Introduction: Empowering Futures in Blockchain Technology

In an era marked by digital transformation and unprecedented technological advancements, the Blockchain Scholarship and Traineeship Programs emerge as a beacon of opportunity and innovation. Crafted to address the burgeoning demand for skilled professionals in Blockchain technology, this program is more than an educational initiative—it's a transformative journey that empowers individuals to become pioneers in the rapidly evolving landscape of decentralized systems.

Navigating the Blockchain Frontier: Blockchain technology, with its promise of transparency, security, and decentralization, stands as a disruptive force shaping the future of industries worldwide. Recognizing the pivotal role of education in fostering a new generation of Blockchain experts, our program is a collaborative endeavor that brings together leading educational institutions, industry partners, and aspiring talents.

I. A Holistic Approach to Learning:

This Scholarship and Traineeship Programs are not just about financial support; it is an invitation to explore, innovate, and contribute to the ever-expanding realm of Blockchain. Scholars/trainees will embark on a learning expedition, delving into foundational courses, specialized tracks in development, architecture, and management, and engaging in workshops that explore emerging trends and technologies.

Scholarship Program:

Tailored for ICT professionals or those interested in the field, aspiring to become Blockchain specialists, this component will offer a comprehensive 1-year scholarship in education institutions. The goal is to enhance skills, promote mobility, and make the Blockchain sector an attractive career choice throughout Europe.

Traineeship Program:

The Traineeship period seamlessly transitions into a hands-on 6-month Traineeship Program, where theory meets practice. Collaborating with industry organizations, the trainees will not merely observe but actively participate in real-world Blockchain projects. This practical exposure ensures that participants not only grasp the theoretical nuances but also acquire the skills and confidence to navigate the challenges of actual Blockchain implementations.

II. Shaping Tomorrow's Leaders:

Academic Excellence: The program is rooted in academic excellence, offering scholars access to cutting-edge Blockchain laboratories, resources, and a curriculum designed by experts in the field. Whether delving into the intricacies of smart contracts or exploring the architectural principles of decentralized systems, participants will receive a comprehensive education that extends beyond conventional boundaries.

Professional Development: Professional development sessions, workshops, and networking events further equip participants with the skills needed to excel in the competitive landscape of Blockchain technology.

III. Building a Collaborative Ecosystem:

Partnerships and Networking: Success in the Blockchain space is not a solitary pursuit. The program fosters collaboration by bringing together educational institutions, Blockchain companies, and industry organizations. Through partnerships, endorsements, and support from government bodies, we create a dynamic ecosystem that nurtures talent and accelerates

IV. **Transformative Impact:** The Blockchain Scholarship and Traineeship Programs are more than an educational endeavor; it is a catalyst for transformative impact. By equipping individuals with the knowledge, skills, and real-world experience needed to thrive in Blockchain technology, we are shaping a future where innovation knows no bounds. Developed in collaboration with European national Ministries of Education, this program seeks to address the growing demand for skilled professionals in the dynamic field of Blockchain while fostering cross-border mobility among students and staff.

1.2 Objectives

Skill Enhancement: The primary goal of the Scholarship and Traineeship Programs is to provide ICT professionals with a transformative educational experience, enabling them to acquire advanced skills and knowledge in Blockchain technology.

Addressing Industry Skills Gap: Help address the skills gap in the Blockchain industry by providing specialized training and education tailored to the needs of employers, ensuring that graduates are well-prepared to meet industry demands.

Promoting Mobility: The program embraces the concept of an inter-institution 'campus,' where students and staff can seamlessly experience mobility at all study levels. This approach not only encourages a diverse and collaborative learning environment but also facilitates cultural exchange and networking opportunities among participants from different European countries.

Facilitating Industry Collaboration: Foster collaboration between educational institutions and industry partners, enabling students to gain real-world experience through internships, projects, and partnerships with leading Blockchain companies and startups.

Supporting Career Development: Provide students with the resources, mentorship, and networking opportunities needed to launch successful careers in Blockchain technology, including assistance with job placement, resume building, and professional development.

Attractiveness of the Blockchain Sector: The Scholarship and Traineeship Programs aim to enhance the attractiveness of the Blockchain sector as a compelling career choice. Participants will gain hands-on experience, insights into emerging trends, and exposure to practical applications, making them valuable assets in the rapidly evolving digital landscape.

Encouraging Lifelong Learning: Foster a culture of lifelong learning by offering continuous education and professional development opportunities to individuals at all stages of their careers, from students to seasoned professionals.

Voucher Scheme: Launched as a voucher scheme by European national Ministries of Education, the program introduces a flexible and personalized approach to education. Scholarship/Traineeship recipients will have the freedom to choose educational and training institutions that align with their career goals, fostering a sense of ownership and tailored learning experiences.

2 Blockchain Specialization Qualification

The Blockchain Specialization Qualification within the 1-Year Scholarship and 6-month Traineeship Programs is a dynamic and versatile curriculum that caters to the diverse needs of ICT professionals aspiring to specialize in Blockchain technology. The program offers three distinct specializations: Blockchain Developer, Blockchain Architect, and Blockchain Manager. Each specialization is tailored to equip participants with the specific skills and knowledge required for their chosen role in the Blockchain ecosystem.

2.1 Blockchain Developer Specialization

Overview: The Blockchain Developer specialization is designed for participants aiming to become proficient in the technical aspects of Blockchain development. This track focuses on hands-on coding, smart contract development, and decentralized application (DApp) creation.

Learning Outcomes: Participants in the Blockchain Developer specialization will gain expertise in:

- ✓ Programming languages relevant to Blockchain (e.g., Solidity, JavaScript)
- ✓ Smart contract development and auditing
- ✓ dApp creation and integration
- ✓ Blockchain security best practices

Assessment and Validation: Assessment methods include coding assignments, project work, and a comprehensive examination. Validation involves real-world application through the development of a Blockchain -based project.

2.2 Blockchain Architect Specialization

Overview: The Blockchain Architect specialization is tailored for participants interested in designing and overseeing the architecture of Blockchain solutions. This track delves into the structural aspects of Blockchain networks, scalability, and system integration.

Learning Outcomes: Participants in the Blockchain Architect specialization will gain expertise in:

- ✓ Blockchain network architecture design
- ✓ Scalability solutions and consensus algorithms
- ✓ Integration of Blockchain with existing systems
- ✓ Blockchain deployment and maintenance strategies

Assessment and Validation: Assessment methods include design projects, case studies, and a comprehensive examination. Validation involves the creation of a Blockchain architecture blueprint for a real-world use case, which is reviewed and evaluated by industry experts.

2.3 Blockchain Manager Specialization

Overview: The Blockchain Manager specialization is designed for participants with a focus on the strategic and managerial aspects of Blockchain implementation. This track covers project management, regulatory considerations, and business strategy in the Blockchain space.

Learning Outcomes: Participants in the Blockchain Manager specialization will gain expertise in:

- ✓ Blockchain project management methodologies
- ✓ Legal and regulatory considerations in Blockchain
- ✓ Business strategy and innovation in Blockchain adoption
- ✓ Risk management in Blockchain projects

Assessment and Validation: Assessment methods include case studies, strategic planning exercises, and a comprehensive examination. Validation involves the development of a Blockchain project proposal with a detailed strategic and managerial plan.

3 Program Structure

3.1 Overview Program

The 1-Year Scholarship and 6-month Traineeship Programs for Blockchain Specialization in ICT Professionals are a pioneering initiative aimed at empowering individuals within the information and communication technology (ICT) sector to upskill and embark on a specialized career in Blockchain technology. Developed in collaboration with European national Ministries of Education, this program seeks to address the growing demand for skilled professionals in the dynamic field of Blockchain while fostering cross-border mobility among students and staff. Leveraging the CHAISE VET program as a foundation, the program incorporates joint delivery by participating education and training institutions.

The CHAISE Scholarship and Traineeship Programs modules may include foundational ICT skills, programming languages, data structures, cybersecurity fundamentals, and communication skills. Additionally, the program integrates specialized modules relevant to the chosen Blockchain specializations, such as Blockchain principles, distributed ledger technology, and ethics in Blockchain development. These modules form the basis for a robust skill set, setting the stage for in-depth Blockchain specialization.

The scholarship and traineeship programs in Blockchain technology can be designed to operate through two distinct yet complementary approaches. Firstly, these programs are envisioned as a collaborative effort by both public and private educational institutions within each country. This collaborative model leverages the strengths and resources of multiple institutions to offer a comprehensive and integrated learning experience to students. Secondly, a key feature of these programs is the 'campus' offering, which facilitates mobility. This innovative approach allows students and staff to explore different institutions, cultures, and learning environments,

enriching their educational experience and fostering collaboration. By embracing both Public and Private Educational Institutions collaboration and mobility within the 'campus' model, these program aim to provide students with a diverse and dynamic learning environment that prepares them for success in the rapidly evolving field of Blockchain technology.

In both cases it is necessary to establish a 3-member committee, comprising representatives from educational institutions, industry experts, and government stakeholders, oversees governance, curriculum development, and program sustainability. This committee ensures that educational programs remain relevant, responsive to industry demands, and compliant with regulatory standards. In the case of the voucher, the country committees need to cooperate.

3.2A Collaborative Effort by Public and Private Educational Institutions within each country

The Blockchain technology Scholarship and Traineeship Programs, envisioned to be offered collaboratively by public and private educational institutions within each country, have the potential to bridge the gap between academic learning and industry demands. These programs could be structured to provide comprehensive support and training to students aspiring to excel in the rapidly evolving field of Blockchain technology. By offering scholarships, these programs could ensure that talented individuals pursue advanced studies without the financial burden that often hinders educational advancement. Scholarships might be awarded based on a combination of academic excellence, financial need, and the applicant's demonstrated potential to make significant contributions to the Blockchain industry. Such financial support would be crucial in fostering a diverse pool of candidates who might otherwise be unable to afford.

The traineeship component of these programs could provide invaluable hands-on experience, essential for students to transition successfully from academic environments to professional settings. Through these traineeships, students might work on real-world projects, gaining practical skills and insights under the mentorship of industry experts. This practical training would be complemented by structured guidance and support, ensuring that trainees are well-prepared for the challenges and opportunities within the Blockchain sector. The traineeships would also facilitate strong industry connections, providing students with networking opportunities that could lead to future employment. By engaging directly with leading Blockchain companies and startups, trainees would gain a deeper understanding of industry practices and standards, enhancing their readiness for professional roles.

Overall, these Scholarship and Traineeship Programs have the potential to represent a significant investment in the future of Blockchain technology. The collaborative efforts of public and private educational institutions would ensure that the programs are comprehensive and inclusive, drawing on a wide range of expertise and perspectives. This holistic approach would

prepare students to become pioneers in the Blockchain field, capable of driving technological advancements and contributing to the growth and development of the global Blockchain ecosystem. Through these initiatives, public and private institutions could play a crucial role in shaping the future of Blockchain technology and supporting the next generation of industry leaders.

3.3 Transnational 'Campus' Offering for Mobility

A unique feature of the envisioned Blockchain Scholarship and Traineeship Programs could be the collaborative 'campus' offering. This concept would involve partnering educational and training institutions within each country to jointly deliver a cohesive and integrated learning experience. By embracing a collaborative approach, participating institutions could collectively design and deliver the curriculum, enriching the educational content and fostering a network dedicated to advancing Blockchain education.

The inter-institution 'campus' concept could be central to the program's philosophy, offering students, and staff, the opportunity to experience mobility. This mobility could allow participants to explore different institutions, cultures, and learning environments, significantly enriching their educational experience and fostering a sense of community and collaboration. For instance, students might begin their program at Institution A for foundational modules, move to Institution B for specialized Blockchain courses, and complete practical projects at Institution C. This structure would enable students to gain exposure to different teaching styles and establish industry connections throughout their educational journey.

The collaborative model could enhance the learning experience by bringing together the strengths and expertise of multiple institutions. For example, Institution A might specialize in the fundamentals of Blockchain technology, Institution B in Blockchain security, and Institution C in decentralized applications. By moving through these institutions, students would receive a well-rounded education, covering various facets of the Blockchain ecosystem. This approach would not only provide a diverse and comprehensive education but also prepare students to become innovative leaders in the Blockchain field, capable of driving technological advancements and contributing to the growth and development of the global Blockchain ecosystem.

3.4 Innovative Learning Environments

The programs recognize the importance of hands-on learning and industry exposure. Participants will engage in practical projects, workshops, and real-world scenarios to apply their knowledge in authentic settings. The collaboration with Blockchain companies ensures that the

curriculum remains industry-relevant, reflecting the latest developments and challenges in the field.

3.5 Empowering a New Generation

The Scholarship and Traineeship Programs are not just about acquiring technical skills; it's about empowering a new generation of professionals who can drive innovation, contribute to the growth of the Blockchain sector, and play a pivotal role in shaping the digital future of Europe. As we embark on this transformative journey, we invite ICT professionals to be part of a dynamic and collaborative community that transcends borders and propels Europe to the forefront of Blockchain technology.

4 Launch as a Free Provision from Educational Institutions

4.1 Collaboration with Vocational Training Institutes

- **Strategic Partnerships:** Forge collaborative agreements with vocational training institutes to offer tuition-free Blockchain education programs.
- **Curriculum Development:** Work closely with academic partners to design and develop a comprehensive curriculum tailored to meet the needs of the Blockchain industry or use of the existing Chaise MOOC.
- **Integration of Resources:** Pool resources and expertise from educational institutions to enhance the quality and accessibility of the educational programs.

4.2 Government Funding and Support

- **Financial Assistance:** Secure funding from government agencies to support tuition-free initiatives and ensure the sustainability of the educational programs.
- **Policy Advocacy:** Advocate for policies that promote free provision of education in emerging technology fields like Blockchain, encouraging government support and investment.
- **Regulatory Compliance:** Ensure compliance with government regulations and guidelines governing educational programs to maintain eligibility for funding and support.

5 Launch as a Voucher Scheme

5.1 Implementation Plan by European National Ministries of Education

Key Components:

- **Stakeholder Engagement:** Ministries will engage with educational institutions, industry partners, and governmental bodies to garner support and alignment with the program's objectives.
- **Regulatory Framework:** Establishing a clear regulatory framework ensures alignment with existing legislation, compliance with national education standards, addresses legal considerations, and provides a foundation for seamless collaboration.
- **Budget Allocation:** Clearly defining the financial resources allocated to the voucher scheme, including scholarship funding, administrative costs, and support for participating institutions.
- **Communication Plan:** Developing a comprehensive communication plan to raise awareness among potential participants, outlining the benefits of the program and the application process.
- **Timeline and Milestones:** A well-structured timeline with milestones ensures that each phase of the implementation plan progresses smoothly, leading to a successful launch.

5.2 Distribution and Redemption of Vouchers

Key Components:

- **Eligibility Criteria:** Clearly defined eligibility criteria for receiving vouchers to ensure fairness and alignment with program goals.
- **Application Process:** A streamlined and user-friendly application process, accessible online or through designated platforms, ensuring ease of participation.
- **Voucher Distribution:** Ministries will need to devise a secure and efficient mechanism for distributing vouchers to eligible applicants, possibly collaborating with educational institutions, governmental agencies, or online platforms.
- **Redemption Mechanism:** Establishing a secure and straightforward process for participants to redeem their vouchers, including verification procedures and integration with educational institutions.
- **Equity Measures:** Implementation of measures to address potential inequities, such as providing additional support to underrepresented groups or regions.
- **Online Application Portal:** Create an intuitive and accessible online application portal that guides applicants through the process step-by-step.

5.3 Reporting and Accountability

Key Components:

- **Data Collection:** Establishing a robust system for collecting relevant data on participant demographics, program engagement, and outcomes.
- **Monitoring and Evaluation:** Regular monitoring and evaluation to track the progress of scholars and trainees, ensuring adherence to program goals and identifying areas for improvement.
- **Feedback Loops:** Implementing feedback mechanisms for participants, educational institutions, and industry partners to contribute insights for program enhancement.
- **Financial Reporting:** Ministries will provide transparent financial reporting, detailing budget allocation, expenditures, and any adjustments made during the program's lifecycle.
- **Impact Assessment:** Conducting a comprehensive impact assessment to measure the program's effectiveness in terms of skill development, industry relevance, and long-term career outcomes.

A MoC template, between the parties involved in each country, can be found in annex 6. The same template could also be used as a MoC between countries.

6 Expression of Interest (EOI) for providers

6.1 Purpose and Significance

The EOI aims to:

Identify Interested Institutions: Call for interest from providers who are enthusiastic about contributing to the development and delivery of the Blockchain specialization curriculum.

Ensure Commitment: Confirming the commitment of participating institutions to work together in the joint delivery of the program, emphasizing a shared vision for the success of the Scholarship/Traineeship initiative.

6.2 Participation Criteria for Providers

To be considered for participation, providers are required to:

Demonstrate Expertise: Showcase expertise in relevant ICT fields and a proven track record in delivering high-quality vocational education and training programs.

Commitment to Collaboration: Express a commitment to collaborative efforts, acknowledging the joint delivery model and the establishment of an inter-institution 'campus.'

Alignment with Program Objectives: Demonstrate alignment with the overall objectives of the Scholarship and Traineeship Programs, emphasizing the promotion of students' mobility and the enhancement of the Blockchain sector's attractiveness.

6.3 Framework for Collaboration

The EOI should briefly outline the framework for collaboration, encompassing:

Curriculum Contribution: Specify the areas in which the institution is willing to contribute to the curriculum, whether in foundational ICT skills, specialized Blockchain modules, or both.

Resource Commitment: Outline the resources the institution is prepared to dedicate to the program, including faculty expertise, facilities, and technological infrastructure.

Mobility Support: Express willingness to facilitate student and staff mobility by outlining specific measures, such as exchange programs, joint workshops, or collaborative projects.

Example of template that can be customize based on specific details and contributions can be found on Annex 1. It serves as a formal expression of interest, demonstrating a commitment to collaboration and alignment with the program's objectives.

7 Applicants Selection Process

The Selection Process is a critical phase in identifying qualified candidates for the 1-Year Scholarship and 6-month Traineeship Programs in Blockchain Specialization. This section outlines the specific steps involved in the selection process, ensuring a fair and transparent evaluation of applicants based on predetermined criteria.

7.1 Eligibility Criteria for Applicants

Example criteria may include:

Educational Background: Possession of a bachelor's degree in a relevant field such as Computer Science, Information Technology, or a related discipline. Alternatively, equivalent professional experience in the ICT sector will be considered for applicants without a formal degree.

Professional Experience: A minimum of two years of relevant work experience in the field of information and communication technology (ICT). Prior experience in roles related to software development, system analysis, or other ICT-related positions.

Demonstrated Interest in Blockchain Technology: Evidence of a strong interest in Blockchain technology, demonstrated through previous projects, coursework, or professional experience. Familiarity with Blockchain concepts, distributed ledger technology, and understanding of its potential applications.

Communication Skills: Proficient communication skills in English (or the language of instruction), demonstrated through written application materials and, if applicable, an interview. The ability to articulate thoughts, ideas, and potential contributions to the Blockchain community.

Motivation and Career Goals: Submission of a well-crafted statement of purpose outlining the applicant's motivation for pursuing Blockchain specialization. Clearly defined career goals and an explanation of how the Scholarship and Traineeship Programs aligns with those goals.

Recommendation Letters: Submission of at least two professional or academic recommendation letters attesting to the applicant's qualifications, work ethic, and potential for success in the program.

Adaptability and Mobility: Willingness and ability to participate in mobility programs, such as exchange opportunities, joint workshops, and collaborative projects at different educational and training institutions within Europe.

Legal Compliance: Compliance with legal requirements for education and training in the relevant European countries, including any visa or residency obligations.

Economic Status: Consideration on the financial need of applicants, ensuring support for those from lower-income backgrounds to pursue their education. This will involve evaluating the family's household income, assets, and financial obligations. Applicants may need to provide documentation such as tax returns, proof of income, and details of any financial aid currently received.

7.2 Application Procedure

The application procedure steps may be as following:

Pre-Application Information Session: Host pre-application information sessions to provide potential applicants with detailed information about the Scholarship and Traineeship Programs,

including objectives, eligibility criteria, and the application process. Offer opportunities for Q&A sessions to address any queries from prospective applicants.

Online Application Portal: Establish an online application portal where applicants can access and complete the application form. Provide a clear and user-friendly interface for ease of navigation.

Application Form: Develop a comprehensive application form that captures essential information. Include sections for personal details, educational background, professional experience, and responses to specific questions assessing the applicant's interest and commitment to Blockchain technology.

Document Submission: Clearly outline the documents required for submission (e.g., resume, academic transcripts, and recommendation letters). Provide detailed instructions on how to deliver the application form (e.g. to a physical place or through the online portal).

Application Deadline: Clearly communicate the deadline for submitting applications. Allow sufficient time for applicants to gather and prepare all necessary documentation.

Acknowledgment and Confirmation: Send an acknowledgment email upon successful submission of the application. Provide a confirmation receipt and reference number for applicants to track the status of their application.

Review and Shortlisting: Assemble an evaluation panel to review applications based on the predetermined criteria. Shortlist candidates who meet the eligibility requirements and exhibit exceptional qualifications and potential.

Interview Stage: Invite shortlisted candidates for interviews to assess communication skills, motivation, and alignment with the program's goals. Conduct interviews via video conferencing or in-person, as appropriate.

Final Selection: The evaluation panel makes the final selection of Scholarship/Traineeship recipients based on a holistic assessment, including application materials, interview performance, and potential for success in the program.

Announcement: Notify successful and unsuccessful applicants promptly. Publicly announce the list of Scholarship/Traineeship recipients, recognizing their achievements and contributions.

7.3 Evaluation Criteria for Scholarship and Traineeship Selection

Example criteria include:

- ✓ Academic achievements and relevant qualifications.

- ✓ Work experience and achievements in the ICT field.
- ✓ Demonstrated understanding of Blockchain concepts and potential contributions to the sector.
- ✓ Personal Statement/Essay.
- ✓ Financial Need.
- ✓ Research or Projects.
- ✓ Language Proficiency.
- ✓ Motivation and alignment with the program's goals.

Example Selection Process Steps:

Step 1: Application Submission

Applicants submit their completed application forms, along with relevant documentation, by the specified deadline.

Step 2: Initial Screening

A screening committee reviews applications to ensure they meet the eligibility criteria.

Step 3: Evaluation Panel Review

An evaluation panel, comprising subject matter experts and industry professionals, assesses applications based on predetermined criteria.

Step 4: Shortlisting

The panel shortlists candidates who demonstrate outstanding qualifications, experience, and potential contributions to the Blockchain sector.

Step 5: Interview Stage

Shortlisted candidates may be invited for interviews to assess their communication skills, motivation, and alignment with the program's objectives.

Step 6: Final Selection

The evaluation panel makes the final selection of Scholarship/Traineeship recipients or trainees based on the overall assessment, interview performance, and potential for success in the program.

Step 7: Announcement

Successful applicants are notified, and a public announcement is made to recognize and celebrate the selected candidates.

A Scholarship/Traineeship Announcement example can be found on Annex 2.

8 Management Plan

The Management Plan outlines the organizational structure, key personnel roles, logistical information, and the overall strategy for the successful implementation and administration of the 1-Year Scholarship and 6-month Traineeship Programs in Blockchain Specialization.

8.1 Organizational Structure

Program Steering Committee:

- **Role: Oversee the overall direction**
 - Set program goals and objectives.
 - Implement day-to-day operations and coordination of the program.
 - Develop, update, and review the program curriculum.
 - Deliver lectures, mentor students, and assess academic performance.
 - Provide strategic guidance and ensure program relevance to industry needs.
- **Responsibilities:**
 - - Review and approve budget allocations.
 - - Provide guidance on strategic partnerships.

Program Management

- - Coordinate activities among participating institutions.
- - Monitor student progress and address any issues.
- - Liaise with industry partners and external stakeholders.

Curriculum Development:

- - Ensure curriculum alignment with industry standards.
- - Integrate feedback from faculty, industry partners, and program review committees.
- - Regularly update course content based on emerging trends.

Faculty and Instructors:

- - Implement the curriculum and facilitate active learning.
- - Provide mentorship and support to students.
- - Participate in ongoing professional development.

Industry Advisory:

- - Advise on curriculum development and industry trends.
- - Offer input on potential collaborations and industry-embedded learning opportunities.

8.2 Logistics and Resources

a. Facilities and Infrastructure:

- Secure appropriate facilities equipped with the necessary technology for lectures, labs, and collaborative workspaces.
- Ensure access to updated hardware, software, and other resources required for effective learning.

b. Student Support Services:

- Establish support services, including academic counseling, career guidance, and mental health resources.
- Facilitate mentorship programs connecting students with industry professionals.

c. Mobility Programs:

- Coordinate mobility programs, including exchange opportunities, joint workshops, and collaborative projects.
- Ensure seamless transitions for students moving between participating institutions.

d. Industry Partnerships:

- Establish and maintain strong relationships with Blockchain companies and organizations.
- Facilitate internships, guest lectures, and collaborative projects to enhance industry engagement.

8.3 Program Budget

a. Budget Outline:

- Develop a detailed annual budget outlining expenses for faculty/staff salaries, facilities, resources, industry collaborations, and student support services.
- Allocate funds for professional development and program marketing.

b. Funding Sources:

- Identify and secure funding sources, including government grants, private sector sponsorships, and contributions from participating institutions and industries.
- Explore partnerships with industry sponsors to support specific aspects of the program.

c. Financial Oversight:

-
- Implement robust financial oversight mechanisms, including regular audits and transparent reporting.
 - Establish a financial review committee to ensure compliance with budgetary allocations.

8.4 Communication and Marketing

a. Program Website and Communication Platform:

Develop and maintain a dedicated section within the Blockchain Career guidance platform, providing detailed information about the Scholarship/Traineeship, curriculum, faculty, and industry partnerships.

CHAISE will enhance the existing EU job mobility tools (like EURES and the Drop'Pin@EURES) by integrating them into the Blockchain Career guidance platform as well as by posting relevant advertisements on the EU job mobility tools. In this way Blockchain professionals and graduates will have access to job opportunities and internships in major EU Blockchain companies, as well as mentoring and coaching services. Simultaneously, employers will be able to seek candidates that match specific workplace and skill requirements, making talent recruitment more efficient and targeted.

Key features of the platform will include job vacancy listings sourced from leading Blockchain companies and startups, apprenticeships, and traineeship programs aimed at facilitating hands-on experience within the industry. Additionally, individuals will be able to enroll in specialized training programs and e-learning courses to enhance their knowledge and skills in various aspects of Blockchain technology. Language training and mobility programs will also be available to foster cross-border collaboration and cultural exchange.

Furthermore, the platform could offer coaching and mentoring services, including business development opportunities identification, interview preparation, and CV tailoring, through tutorial videos, webinars, podcasts, and virtual presentations. Personalized recommendations based on users' interests, skills, and career goals will be provided to help them navigate their career paths more effectively.

Partners:

- Blockchain Enterprises: Partner with established Blockchain companies to provide job opportunities, apprenticeships, and industry insights.

- Educational Institutions: Collaborate with universities and online learning platforms to offer training programs and certification courses.
- Career Development Experts: Engage career coaches, resume specialists, and interview preparation experts to deliver coaching services and professional development resources.
- Industry Associations: Form alliances with Blockchain industry associations and communities to access networking opportunities and promote platform visibility.

b. Marketing Strategy:

- Design a comprehensive marketing strategy to promote the Scholarship and Traineeship Programs to potential applicants, industry partners, and the wider community.
- Utilize online and offline channels, including social media, press releases, and industry events.

c. Stakeholder Engagement:

- Establish ongoing communication channels with stakeholders, including students, faculty, industry partners, and government entities.
- Organize regular meetings, webinars, and feedback sessions to maintain active engagement.

8.5 Risk Management

a. Risk Identification:

- Conduct a thorough risk assessment to identify potential challenges and uncertainties.
- Anticipate risks related to student mobility, industry collaborations, and external factors such as regulatory changes.

b. Mitigation Strategies:

- Develop mitigation strategies for identified risks, including contingency plans and alternative approaches.
- Establish communication protocols for addressing unexpected challenges promptly.

c. Continuous Monitoring:

- Implement continuous monitoring mechanisms to track the evolving risk landscape.
- Regularly update risk management strategies based on changing circumstances.

9 Assessment and Evaluation Plan

The Assessment and Evaluation Plan outlines a comprehensive framework to ensure the effective and fair evaluation of both student progress and the overall success of the One-Year Scholarship and the 6-month Traineeship Programs in Blockchain Specialization. It includes:

9.1 Student Progress Assessment

a. Formative Assessments:

- Regular formative assessments will be conducted throughout the program to gauge students'/trainees' understanding of course material, identify areas for improvement, and provide timely feedback.
- Formative assessments may include quizzes, assignments, and group projects, allowing continuous monitoring of individual and group progress.

b. Summative Assessments:

- Summative assessments will be administered at the end of each academic term to evaluate the cumulative knowledge and skills acquired by students.
- These assessments may include comprehensive exams, practical demonstrations, and portfolio submissions.

c. Project-Based Evaluation:

- A significant portion of the assessment will focus on project-based evaluations, allowing students to apply theoretical knowledge to real-world scenarios.
- Projects may range from developing Blockchain applications to proposing solutions for industry-related challenges.

d. Peer and Self-Assessment:

- Integrate peer and self-assessment components, encouraging collaborative learning and self-reflection.
- Peer reviews may involve evaluating team members' contributions to group projects, fostering teamwork and accountability.

9.2 Overall Evaluation of the Program

a. Key Performance Indicators (KPIs):

- Define KPIs to measure the program's overall success, including student satisfaction, completion rates, and post-program employment outcomes.
- Regularly collect and analyze data to assess progress toward KPIs and make informed adjustments to the program.

b. Stakeholder Surveys:

- Conduct surveys among students, faculty, and industry partners to gather feedback on the program's effectiveness, relevance, and impact.
- Use survey results to identify areas of improvement and inform program enhancements.

c. Industry Feedback and Engagement:

- Establish mechanisms for ongoing communication with industry partners to receive feedback on the preparedness of graduates and the relevance of the curriculum.

- Foster continuous engagement with industry representatives through advisory boards, guest lectures, and collaborative projects.

d. Alumni Tracking:

- Implement an alumni tracking system to monitor the career trajectories and achievements of program graduates.

- Use alumni feedback to assess the long-term impact of the program and inform adjustments for future cohorts.

9.3 Continuous Improvement Mechanisms

a. Program Review Committees:

- Form program review committees comprising faculty, industry experts, and student representatives to conduct periodic reviews.

- Committees will assess program outcomes, identify strengths and weaknesses, and propose recommendations for continuous improvement.

b. Curriculum Alignment:

- Regularly review and update the curriculum to ensure alignment with industry trends, emerging technologies, and evolving best practices in Blockchain technology.

- Seek input from industry partners, faculty, and students to inform curriculum revisions.

c. Adaptive Learning Strategies:

- Implement adaptive learning strategies based on assessment outcomes to address individual learning needs and enhance overall program effectiveness.

- Provide additional support and resources for students identified as needing assistance.

9.4 Reporting and Transparency:

a. Annual Reports:

- Produce annual reports summarizing key assessment findings, program achievements, and areas for improvement.

- Disseminate reports to stakeholders, including students, faculty, industry partners, and relevant government bodies.

b. Transparent Communication:

- Maintain transparent communication channels with all stakeholders, providing regular updates on assessment results, program enhancements, and any changes to the curriculum.

- Establish a dedicated program website and communication platform to facilitate information sharing.

10 Yearly Budget Outline

The Yearly Budget Outline for the Blockchain Scholarship and Traineeship programs is designed to ensure the efficient allocation of resources to maximize the impact and sustainability of the initiatives. The budget will encompass various key components, including tuition coverage, training materials, administrative costs, and support services.

Furthermore, the budget will include provisions for support services, such as career counseling, mentoring, and professional development workshops, which are integral to the success of the participants.

10.1 Funding Sources

Government Grants:

Anticipated Funding: €X

Conditions: Compliance with government regulations, periodic reporting.

Private Sector Sponsorships:

Anticipated Funding: €Y

Conditions: Sponsorship agreements specifying the scope of support, visibility for sponsors.

Contributions from Participating Institutions:

Institution A: €Z

Institution B: €W

Institution C: €V

Conditions: Agreement on financial contributions, fair distribution among institutions.

10.2 Budget Breakdown (Scholarship/Traineeship, Training, Administrative Costs)

Scholarship/Traineeship:

Allocation for Student/Trainee Scholarship/Traineeships: €T

Training Programs:

Allocation for Faculty Training and Professional Development: €U

Administrative Costs:

General Administrative Costs: €V

11 Timeline

An indicative timeline begins at the start of the program, starting the application cycle with an open period during the first two months. By the third month, selected fellows are announced for the one-year fellowship, allowing them to prepare for the intensive educational journey ahead. The fellowship period, which ranges from four to fifteen months, includes monthly progress reviews and the completion of core courses, with specialization tracks introduced between the ninth and twelfth months. This phase emphasizes continuous learning and development, ensuring that scholars receive comprehensive training in Blockchain technology.

After the fellowship phase, the focus shifts to practical industry experience with the internship application period at months sixteen and seventeen. Selected interns are announced in the eighteenth month, moving into an internship period from months nineteen to twenty-four months. This phase includes collaborative projects, industry partnerships, and professional development workshops, providing real-world experience and guidance. The program culminates in the twenty-fourth month with a graduation event celebrating participants' achievements, project presentations, and the completion of their training.

11.1 Milestones and Deadlines

1. Program Launch Date:

Milestone: Commencement of the Blockchain Scholarship and Traineeship Program.

Deadline: No specific deadline; marks the beginning of the application cycle.

2. Application Period (Months 1-2):

Milestone: Opening of applications for both the Scholarship and Traineeship Programs.

Deadline: End of Month 2.

3. Selection Announcement (Month 3):

Milestone: Announcement of selected scholars for the 1-year scholarship.

Deadline: Middle of Month 3.

4. Scholarship Period (Months 4-15):

Milestones: Monthly progress assessments and completion of foundational courses.

Specialization tracks begin in Months 9-12.

Deadlines: Ongoing assessments throughout the scholarship period.

5. Traineeship Application Period (Months 16-17):

Milestone: Opening of applications for the 6-month traineeship.

Deadline: End of Month 17.

6. Traineeship Selection Announcement (Month 18):

Milestone: Announcement of selected scholars transitioning into trainees.

Deadline: Middle of Month 18.

7. Traineeship Period (Months 19-24):

Milestones: Commencement of hands-on projects and industry collaboration. Monthly mentorship sessions and professional development workshops.

Deadlines: Ongoing project milestones and assessments.

8. Program Culmination and Graduation (Month 24):

Milestone: Celebration of achievements, project presentations, and program graduation.

Deadline: Culmination event at the end of Month 24.

11.2 Program Launch Date

The Program Launch Date signifies the commencement of an ambitious journey, marking the initiation of a transformative program designed to mold aspiring individuals into proficient

Blockchain professionals. It symbolizes the commitment of stakeholders to contribute to the growth and dynamism of the Blockchain industry.

11.3 Application Period

The analytical emphasis here is on inclusivity, ensuring a broad spectrum of applicants from various backgrounds, experiences, and perspectives. This diversity enriches the program, fostering a collaborative environment reflective of the inclusive nature of the Blockchain space.

11.4 Selection Announcement

It represents the culmination of a meticulous evaluation process, where scholars and trainees are chosen based on their academic achievements, potential for contribution, and dedication to the program's objectives.

12 Communication and Promotion

Good communication and marketing are essential to the success of Blockchain Scholarship and Traineeship programs. In order to appeal to a wide audience (prospective students, educational institutions, industry partners, government agencies), it should be used many different forms of communication. Chief among these will be maintaining a strong online presence through a dedicated site and an active presence across various social media platforms – all of which will regularly post updates on progress as well as share success stories regarding these initiatives. Additionally, getting people who are influential in both Blockchain technology as well as education related fields involved with this project through partnerships made between them and certain media houses should also not be overlooked since such individuals could help get the word out. There will also need to have webinars done where experts can give detailed information about what is expected from candidates for such scholarships or other forms of support offered under these programs; furthermore informational sessions may be conducted too so that those interested can ask questions directly instead of them having to browse through heaps of literature hoping to find answers. Moreover, we should also take part in industry conferences where potential participants and stakeholders will be present so as to engage with them firsthand thereby promoting awareness creation, ensuring a wide-reaching impact and successful implementation.

12.1 Marketing

The Marketing Strategy serves as the cornerstone for creating awareness, generating interest, and attracting eligible candidates to the Blockchain Scholarship and Traineeship Program. It involves:

- **Target Audience Identification:** Identifying and understanding the target audience, including students, ICT professionals, and individuals with an interest in Blockchain technology.
- **Online Presence:** Leveraging digital platforms, social media, and a dedicated program website to disseminate information, engage with the audience, and facilitate the application process.
- **Collateral Materials:** Developing informative and visually appealing collateral materials, such as brochures, videos, and infographics, to effectively communicate the program's value proposition.
- **Partnership Marketing:** Collaborating with educational institutions and media outlets to extend the reach of promotional efforts.
- **Event Participation:** Engaging in relevant events, conferences, and webinars to showcase the program, connect with potential participants, and foster partnerships.

12.2 Outreach to ICT Professionals

- Targeted outreach to ICT professionals ensures awareness of the program's relevance. Strategy includes:
- **Industry-Relevant Messaging:** Crafting messaging that emphasizes the direct relevance of Blockchain technology to ICT professionals, showcasing how the program can elevate their skills and career prospects.
- **Professional Networks:** Utilizing professional networks, forums, and associations to disseminate information and encourage ICT professionals to consider upskilling through the scholarship or engaging in the traineeship.
- **Customized Webinars and Workshops:** Hosting webinars and workshops tailored to the interests and challenges faced by ICT professionals, offering insights into the benefits of Blockchain specialization.
- **Testimonials and Success Stories:** Showcasing testimonials and success stories from ICT professionals who have benefited from similar programs, emphasizing the practical advantages of participating.
- **Direct Engagement:** Actively reaching out to ICT professionals through direct communication channels, including email campaigns, personalized invitations, and one-on-one outreach.

12.3 Collaboration with Blockchain Companies

Strategies for building strong partnerships within the Blockchain industry may involve:

- **Engagement Proposition:** Clearly defining the value proposition for Blockchain companies, emphasizing how participating in the program can contribute to their workforce development and innovation initiatives.
- **Project Collaboration:** Actively seeking opportunities for trainees to work on projects within Blockchain companies, fostering a symbiotic relationship where companies benefit from fresh perspectives, and trainees gain valuable experience.
- **Mentorship Programs:** Establishing mentorship programs within Blockchain companies, where experienced professionals guide and support trainees, creating a mutually beneficial learning environment.
- **Industry-Embedded Training:** Collaborating with Blockchain companies to integrate industry-specific training modules into the program, ensuring trainees are exposed to the latest trends and technologies.
- **Joint Marketing Efforts:** Coordinating marketing efforts with Blockchain companies to amplify the reach of the program, leveraging their networks and platforms to attract potential participants.

13 Legal and Ethical Considerations

The implementation of the Blockchain Scholarship and Traineeship Program necessitates a robust understanding and adherence to legal and ethical considerations.

1. **Compliance with Regulatory Requirements:** Analytical Perspective: Ensuring compliance with national and international regulatory requirements is imperative. This involves a thorough analysis of education and labor laws, data protection regulations, and any other legal frameworks relevant to the program. By adhering to these regulations, the program establishes a foundation of trust and credibility.
2. **Data Privacy and Security:** Analytical Perspective: Given the sensitive nature of personal and educational data, a meticulous approach to data privacy and security is paramount. This involves the implementation of robust data protection measures, secure storage practices, and adherence to privacy laws. A proactive stance in addressing data-related issues fosters trust among participants and stakeholders.
3. **Equality, Diversity, and Inclusion:** Analytical Perspective: The program should actively promote equality, diversity, and inclusion. Analyzing and addressing potential biases in the selection process, providing equal opportunities to all eligible candidates, and fostering an

inclusive learning environment are essential. This analytical approach ensures that the program aligns with ethical principles and contributes to a diverse and equitable Blockchain community.

4. **Intellectual Property Rights:** Analytical Perspective: Clarifying the ownership and usage rights of intellectual property generated during the program is crucial. Analyzing legal implications, establishing clear guidelines, and obtaining consent for the use of participants' work contribute to ethical practices. This analysis safeguards the interests of both participants and the program.
5. **Transparent Communication:** Analytical Perspective: Transparency in communication is essential for maintaining trust. Analyzing and providing clear information about the program's terms, conditions, and expectations ensures that participants are well-informed. This analytical approach minimizes the risk of misunderstandings and contributes to ethical communication practices.
6. **Anti-discrimination Measures:** Analytical Perspective: Implementing measures to prevent discrimination based on factors such as gender, race, or background is critical. Analyzing potential biases in the selection process and actively addressing them ensures fairness and ethical treatment of all participants.
7. **Informed Consent and Participation:** Analytical Perspective: Analyzing and implementing informed consent procedures for participants is fundamental. This involves clearly communicating program details, expectations, and any potential risks. An analytical approach to informed consent upholds ethical standards, ensuring participants make well-informed decisions.
8. **Continuous Ethical Evaluation:** Analytical Perspective: Embedding a culture of continuous ethical evaluation within the program is essential. Regularly assessing legal and ethical practices, seeking participant feedback, and making adjustments based on lessons learned contribute to the program's ongoing integrity.

14 Agreements and Contracts

The development and execution of agreements and contracts are pivotal components of the Blockchain Scholarship and Traineeship Program and have to be clear and focused.

1. Partnership Agreements:

Partnership agreements with educational institutions, industry partners, and Blockchain companies serve as the foundation for collaboration. An analytical approach involves a thorough assessment of mutual expectations, resource contributions, and deliverables. Clear articulation of roles and responsibilities minimizes the risk of misunderstandings and establishes a framework for sustained collaboration.

2. Student Participation Agreements:

Agreements with participating students outline the terms and conditions of their involvement in the program. An analytical approach involves a detailed examination of participant rights, responsibilities, and expectations. Ensuring clarity in these agreements contributes to a positive learning experience and fosters a sense of trust between the program and participants.

3. Mentorship Contracts:

Mentorship contracts between mentors and trainees define the parameters of the mentorship relationship. An analytical approach involves assessing the duration, expectations, and communication channels. Clear delineation of mentorship terms ensures a structured and supportive learning experience for trainees.

4. Intellectual Property Contracts:

Contracts related to intellectual property clarify ownership, usage rights, and potential commercialization of products developed during the program. An analytical approach involves a careful examination of legal implications and participant consent. Well-defined intellectual property contracts protect the interests of both participants and the program.

5. Privacy and Data Protection Agreements:

Given the sensitive nature of participant data, privacy and data protection agreements are crucial. An analytical approach involves a detailed analysis of data handling practices, security measures, and compliance with data protection regulations. Robust privacy agreements safeguard participant information and contribute to ethical data practices.

6. Financial Agreements:

Agreements related to financial aspects, including budget allocations, fund disbursement, and financial reporting, are critical for program sustainability. An analytical approach involves careful scrutiny of financial terms, reporting requirements, and mechanisms for handling unforeseen circumstances. Well-structured financial agreements contribute to transparent financial management.

7. Traineeship Placement Contracts:

Contracts with Blockchain companies for traineeship placements define the terms of engagement, project details, and expectations. An analytical approach involves assessing the alignment of trainees' skills with industry needs, setting clear project goals, and establishing communication channels. Transparent traineeship placement contracts contribute to successful industry collaboration.

8. Termination and Contingency Clauses:

Including termination and contingency clauses in agreements provides a mechanism for addressing unforeseen circumstances. An analytical approach involves anticipating potential challenges, defining termination criteria, and outlining contingency plans. Well-crafted clauses mitigate risks and provide a structured approach to handling unexpected situations.

Attached, in Annex 4, an example of Scholarship Agreement.

Attached, in Annex 5, an example of Traineeship Agreement.

*This blueprint serves as a comprehensive guide for the development and implementation of One-Year Scholarship and a 6-month Traineeship programs. Each section may require further detailed planning and documentation in relation to the legislation and needs of each country.

Annex 1

Institution expression of interest

Our institution, [Institution's Name], is committed to fostering excellence in vocational education and training. With a rich history in delivering high-quality programs in [Relevant ICT Fields], we are eager to contribute our expertise to the joint delivery of the Blockchain specialization curriculum.

Outlined below are key aspects of our Expression of Interest:

1. **Curriculum Contribution:** [Briefly describe the areas in which your institution is prepared to contribute to the curriculum, emphasizing any specialized modules or expertise you can bring to the program.]
2. **Resource Commitment:** [Specify the resources your institution is willing to dedicate to the program, including faculty expertise, facilities, and technological infrastructure.]
3. **Mobility Support:** [Detail the measures your institution can take to facilitate student and staff mobility, such as exchange programs, joint workshops, or collaborative projects.]

We believe that our institution's commitment to collaboration aligns seamlessly with the goals of the One-Year Scholarship/6-month Traineeship programs. We look forward to the opportunity to contribute to the success of this initiative and to play a role in shaping the future of Blockchain technology in Europe.

Thank you for considering our Expression of Interest. We welcome any further discussions or inquiries regarding our participation.

Sincerely,

[Your Name]

[Your Position]

[Contact Information]

[Institution's Seal/Logo]

Annex 2

Scholarship/Traineeship announcement example

[Your Organization's Name] Scholarship/Traineeship Announcement

Unleash Your Potential in Blockchain Technology: One-Year Scholarship/6-month Traineeship

Are you an ambitious ICT professional looking to chart an exciting course in the dynamic world of Blockchain technology? We are thrilled to unveil an unparalleled opportunity that will propel your career to new heights—the 1-Year Scholarship and 6-month Traineeship Programs in Blockchain Specialization.

About the Scholarship and Traineeship Programs:

In collaboration with European national Ministries of Education, we proudly present a groundbreaking initiative designed to empower and elevate ICT professionals. The One-Year Scholarship/6-month Traineeship program is not just a Scholarship/Traineeship; it's a transformative journey into the heart of Blockchain technology. This comprehensive program is strategically crafted to promote students' mobility, enhance the attractiveness of the Blockchain sector, and create a vibrant community of skilled professionals across Europe.

Why Blockchain? Why Now?

Blockchain technology is revolutionizing industries, redefining trust, and reshaping the future of digital transactions. As an ICT professional, embracing Blockchain specialization opens doors to limitless possibilities—from developing decentralized applications to architecting robust Blockchain networks and steering strategic initiatives as a Blockchain manager.

What Sets Our Scholarship and Traineeship Programs Apart?

Dynamic Specializations: Choose your path with three distinct specializations—Blockchain Developer, Blockchain Architect, and Blockchain Manager. Tailor your learning journey to match your aspirations and carve a niche in the Blockchain landscape.

Inter-Institution 'Campus' Offering: Immerse yourself in a collaborative learning environment. Our unique 'campus' model allows you to experience mobility at all study levels, fostering cross-cultural collaboration and enriching your educational journey.

Industry-Embedded Learning: Gain real-world insights through collaboration with leading Blockchain companies. From internships to hands-on projects, you'll be at the forefront of industry developments, ensuring your skills remain cutting-edge.

Voucher Scheme by European Ministries of Education: Enjoy the flexibility of our voucher scheme, launched by European national Ministries of Education. Tailor your education to your goals, choosing from a network of esteemed institutions across Europe.

Who Should Apply?

If you are an ICT professional with a passion for innovation, a thirst for knowledge, and a drive to shape the future, this Scholarship and Traineeship Programs is tailor-made for you. Whether you're a seasoned developer, an aspiring architect, or a strategic thinker, our program caters to diverse skill sets and career aspirations.

Ready to Embark on Your Blockchain Journey?

Mark your calendar for the pre-application information sessions, where you'll gain insights into the program, ask questions, and discover the transformative potential of Blockchain technology. We invite you to be part of a community that pioneers change, drives innovation, and embraces the limitless possibilities of Blockchain.

Important Dates:

Pre-Application Information Sessions: [Insert Dates and Times]

Application Portal Opens: [Insert Date]

Application Deadline: [Insert Deadline]

Scholarship/Traineeship Recipients Announcement: [Insert Announcement Date]

Visit [Your Scholarship/Traineeship program Website] for detailed information, and stay tuned for a journey that goes beyond education—it's a passport to the future of Blockchain technology!

[Your Organization's Name]

[Your Organization's Logo]

Annex 3

Scholarship Agreement example

This Scholarship Agreement ("Agreement") is entered into on [Date], by and between [Program Organizing Entity details], hereinafter referred to as the "Program," and [Student's Full Name], hereinafter referred to as the "Scholar."

1. Program Overview:

- a. The Program offers a prestigious Blockchain Scholarship to support the Scholar's academic journey in Blockchain technology.
- b. The Scholar has been selected based on merit, academic achievements, and eligibility criteria as outlined by the Program.

2. Duration:

- a. The scholarship covers educational expenses for a duration of one year by the state/local university/college where the scholar is enrolled, starting from the date of acceptance into the program.
- b. The Scholar shall complete the course within the prescribed period as earlier stated
- c. Any extension or modification of the scholarship period requires a written agreement by both Parties.

3. Scholarship privileges

Subject to availability of funds, the SCHOLAR shall receive:

- a lump-sum amount of €
- another€ to cover

4. Rights and Responsibilities:

- a. The Scholar has the right to utilize the scholarship funds exclusively for direct educational expenses, including tuition, fees, books, and other materials related to the one-year Blockchain specialization program.
- b. The Scholar shall enroll immediately for the incoming semester and succeeding semesters, until he/she finishes the course within the period stipulated in the contract. Extensions and deferments may be allowed only in exceptional and meritorious cases to be determined and approved by the
- c. In case a Scholar is unable to complete the course within the stipulated period due to circumstances beyond his/her control, the grant may be extended by the Program until he/she completes the course.

-
- d. The Scholar agrees to maintain satisfactory academic progress and actively participate in program-related activities, workshops, and events as outlined in the Program curriculum.

5. Privacy and Data Protection:

- a. The Scholar acknowledges that personal and academic information may be collected and processed for scholarship-related purposes.
- b. The Program commits to handling scholar data with confidentiality, complying with applicable data protection laws and regulations.

6. Intellectual Property:

- a. The Scholar retains ownership of any intellectual property developed during the one-year scholarship period, including projects, reports, and innovations.
- b. The Program retains the right to showcase and disseminate scholar work for promotional and educational purposes, ensuring proper attribution.

7. Code of Conduct:

- a. The Scholar agrees to adhere to a code of conduct that fosters a positive and respectful learning environment.
- b. Violation of the code of conduct may result in disciplinary actions, including the revocation of the scholarship.

8. Financial Considerations:

- a. The scholarship covers specified educational expenses, such as tuition, fees, and materials, as detailed in the Program documentation.
- b. Any additional financial support, such as stipends or allowances, will be communicated separately and agreed upon in writing.

9. Termination and Contingency:

- a. The Program reserves the right to terminate the scholarship in the event of a material breach by the Scholar or failure to meet academic requirements.
- b. Termination may also occur under unforeseen circumstances, such as force majeure events or other conditions beyond the control of both Parties.

10. Agreements with Participating Students:

- a. Agreements with participating students outline the terms and conditions of their involvement in the program.
- b. An analytical approach involves a detailed examination of participant rights, responsibilities, and expectations.
- c. Ensuring clarity in these agreements contributes to a positive learning experience and fosters a sense of trust between the program and participants.

11. Miscellaneous:

- a. This Agreement constitutes the entire understanding between the Parties and supersedes any prior agreements or understandings, whether oral or written.
- b. Any amendments to this Agreement must be made in writing and signed by both Parties.

IN WITNESS WHEREOF, the Parties hereto have executed this Scholarship Agreement as of the date first above written.

Program Organizing Entity:
[Authorized Signatory's Full Name]
[Signature]
[Date]

Scholar:
[Scholar's Full Name]
[Signature]
[Date]

Annex 4

Traineeship Agreement example

This Traineeship Agreement ("Agreement") is entered into on [Date], by and between [Program Organizing Entity], hereinafter referred to as the "Program," and [Trainee's Full Name], hereinafter referred to as the "Trainee."

1. Program Overview:

- a. The Program offers a comprehensive Blockchain Traineeship aimed at providing practical experience to the Trainee in the field of Blockchain technology.
- b. The Trainee has been selected based on qualifications, skills, and eligibility criteria as outlined by the Program.

2. Duration:

- a. The traineeship covers a duration of six months by the state/local university/college where the scholar is enrolled, commencing on [Start Date] and concluding on [End Date].
- b. Any extension or modification of the traineeship period requires a written agreement by both Parties.

3. Scholarship privileges

Subject to availability of funds, the Trainee shall receive € per month.

4. Rights and Responsibilities:

- a. The Trainee has the right to participate in hands-on projects, gain practical experience, and collaborate with industry professionals during the six-month traineeship.
- b. In case a Trainee is unable to complete the course within the stipulated period due to circumstances beyond his/her control, the grant may be extended by the Program until he/she completes the course.
- c. The Trainee agrees to actively contribute to the assigned projects, adhere to the program's code of conduct, and abide by workplace policies.

5. Privacy and Data Protection:

- a. The Trainee acknowledges that personal and professional information may be collected and processed for traineeship-related purposes.
- b. The Program commits to handling trainee data with confidentiality, complying with applicable data protection laws and regulations.

6. Intellectual Property:

-
- a. Any intellectual property developed by the Trainee during the traineeship period shall be the property of the Program.
 - b. The Program retains the right to use and showcase trainee work for promotional and educational purposes.

7. Code of Conduct:

- a. The Trainee agrees to adhere to a professional code of conduct, fostering a positive and respectful working environment.
- b. Violation of the code of conduct may result in disciplinary actions, including termination of the traineeship.

8. Financial Considerations:

- a. The Trainee may receive a stipend or allowance, the details of which will be communicated separately and agreed upon in writing.
- b. Any additional financial support or benefits will be outlined in the Traineeship Agreement Addendum.

9. Traineeship Placement Contracts:

- a. Contracts with Blockchain companies for traineeship placements define the terms of engagement, project details, and expectations.
- b. An analytical approach involves assessing the alignment of trainees' skills with industry needs, setting clear project goals, and establishing communication channels.
- c. Transparent traineeship placement contracts contribute to successful industry collaboration.

10. Termination and Contingency:

- a. The Program reserves the right to terminate the traineeship in the event of a material breach by the Trainee or failure to meet performance expectations.
- b. Termination may also occur under unforeseen circumstances, such as force majeure events or other conditions beyond the control of both Parties.

11. Agreements with Participating Trainees:

- a. Agreements with participating trainees outline the terms and conditions of their involvement in the program.
- b. An analytical approach involves a detailed examination of participant rights, responsibilities, and expectations.
- c. Ensuring clarity in these agreements contributes to a positive learning and working experience, fostering trust between the program and trainees.

12. Miscellaneous:

- a. This Agreement constitutes the entire understanding between the Parties and supersedes any prior agreements or understandings, whether oral or written.
- b. Any amendments to this Agreement must be made in writing and signed by both Parties.

IN WITNESS WHEREOF, the Parties hereto have executed this Traineeship Agreement as of the date first above written.

Program Organizing Entity:
[Authorized Signatory's Full Name]
[Signature]
[Date]

Trainee:
[Trainee's Full Name]
[Signature]
[Date]

Annex 5

Memorandum of Cooperation (MoC)

Between

[Country's Ministry of Education or Relevant Authority]

And

[Local Education & Training Institutions/Blockchain Companies]

Purpose

This Memorandum of Cooperation (MoC) establishes the terms and understanding between [Country's Ministry of Education or Relevant Authority] and participating local education and training institutions and Blockchain companies for the development and implementation of national Blockchain traineeship and scholarship programs. These programs aim to promote work-based learning, enhance student mobility, and increase the attractiveness of Blockchain technology as a career choice.

Scope

1. Traineeship Program:

- **Duration:** 6 months
- **Description:** Providing students with hands-on experience in major Blockchain companies.
- **Objectives:** Enable students to gain practical skills, work with leaders in the Blockchain field, and enhance their professional development and career prospects.

2. Scholarship Program:

- **Duration:** 1 year
- **Description:** Providing ICT professionals with opportunities to upskill in education and training institutions.
- **Objectives:** Prepare ICT professionals to start a career as Blockchain specialists through advanced training and education.

Governance Structure

National Steering and Operational Committee:

- Composition: At least one representatives from
 - the Ministry of Education or Relevant Authority,
 - participating education and training institutions, and
 - Blockchain companies.
 - Responsibilities:
 - Oversee the national implementation of the programs, ensure alignment with objectives, and address any strategic issues.
 - Manage day-to-day operations, coordinate activities among partners, and
- Responsibilities**

1. Ministry of Education or Relevant Authority:

- Support the development and provide the blueprint for the programs.
- Facilitate the endorsement of the MoC among all partners.
- Coordinate with national stakeholders for the voucher scheme subsidy.
- Provide oversight and support to ensure program success.

2. Partner Institutions and Companies:

- Participate in the traineeship and scholarship programs.
- Provide necessary resources and support for the successful implementation of the programs.
- Offer mentorship and guidance to students and scholarship recipients.
- Share best practices and contribute to the continuous improvement of the programs.

Funding

1. Voucher Scheme:

- The voucher scheme will be designed with the support of the Ministry and is expected to be subsidized to cover part of the program costs.

2. Partner Contributions:

- Partner institutions and companies will provide in-kind contributions such as training facilities, mentorship, and access to resources.
- Financial contributions may be agreed upon to support specific aspects of the programs.

Evaluation and Reporting

1. Evaluation Metrics:

- Number of participants in traineeship and scholarship programs.
- Satisfaction levels of participants and partner organizations.
- Employment outcomes for traineeship participants.
- Skill development and career progression of scholarship recipients.

2. Reporting:

- Quarterly progress reports will be prepared by the National Operational Committee and submitted to the National Steering Committee.
- An annual report will be compiled summarizing the achievements, challenges, and recommendations for future improvements.

Communication Protocols

1. Regular Meetings:

- Monthly meetings of the National Operational Committee to review progress and address operational issues.
- Quarterly meetings of the National Steering Committee to discuss strategic direction and evaluate program performance.

2. Documentation:

- Meeting agendas and minutes will be circulated to all members.
- Important decisions and action items will be documented and followed up accordingly.

Endorsement

This MoC will be endorsed through the signing of the relevant documents by all participating partners, affirming their commitment to the successful implementation of the Blockchain traineeship and scholarship programs.

Duration

This MoC shall remain in effect for the duration of the program and may be extended upon mutual agreement of all parties involved.

Signatories

Ministry of Education or Relevant Authority Representative

Name:

Title:

Signature:

Date:

Partner Institution/Company Representative

Name:

Title:

Institution/Company:

Signature:

Date:

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