German company with focus on AI technologies is looking for partnerships for Erasmus+ Forward-Looking Projects Call 2025 (Topic 3: VET Qualifications)

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Germany**	**RDRDE20250414013**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Research and development cooperation agreement**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**15 Apr 2025** **15 Apr 2026**	**15 Apr 2025**

General Information

Short summary

A German innovative SME with focus on AI technologies, advanced software development, and smart systems for mobility, industry, and education sectors is seeking partners for the Forward-Looking Projects Call 2025 (Topic 3: VET Qualifications) for a project to design, develop, and pilot a large-scale, blockchain-based ECVET (European Credit System for Vocational Education and Training) platform

Full description

A Germany-based innovative SME, specializing in AI technologies, advanced software development, and smart systems for the mobility, industry, and education sectors, is currently seeking partners for the Erasmus+ Forward-Looking Projects Call 2025. Specifically, the company is looking to collaborate under Topic 3: ERASMUS-EDU-2025-PI-FORWARD-VET-QM — Vocational education and training: development of joint VET qualifications and modules.

The SME brings extensive experience in European R&D projects and digital transformation initiatives, offering strong technical expertise and a proven track record in delivering cutting-edge digital solutions.

The proposed project aims to design, develop, and pilot a large-scale, blockchain-based ECVET (European Credit System for Vocational Education and Training) platform. The goal is to create a decentralized and intelligent

credentialing system that ensures multi-party participation, secure and dynamic data storage, full transparency, high trustworthiness, and end-to-end traceability.

The solution will integrate advanced blockchain technologies, including encryption algorithms, smart contracts, distributed storage, consensus mechanisms, and incentive structures. Student transcripts will be securely stored on the blockchain, making them tamper-proof and universally accessible. Smart contracts will automate the recognition and validation of credits earned across participating institutions, based on pre-established agreements.

Additionally, educational institutions will be able to leverage NFTs (Non-Fungible Tokens) to securely manage their educational content, enabling decentralized rights management and blockchain-enabled payments for content usage and monetization. This innovative approach ensures robust intellectual property protection and prevents unauthorized distribution.

The system will also incorporate blockchain-based micro-credentials, enabling learners to accumulate and combine acquired skills into stackable, partial qualifications that progressively build towards full credentials. With each completed module, a learner’s digital record will be automatically updated, providing transparent, verifiable, and portable proof of achievement.

The project is designed to foster strong, multi-level partnerships—local, national, and EU-wide—bringing together diverse expertise to promote wide-scale adoption and alignment with European policy objectives. By doing so, it will contribute to the development of high-quality, relevant, and future-oriented VET qualifications and modules.

Negotiations with potential partners from Poland and Ukraine are already in progress; therefore, no additional partners from these countries are sought.

Advantages and innovations

Blockchain-powered ECVET system: introducing a decentralized, smart ledger system for vocational education credits, making recognition of learning outcomes more efficient and secure

Integration of smart contracts: automated validation of credits and qualifications through pre-agreed smart contracts ensures accuracy, speed, and trust among educational institutions.

Use of NFTs for educational content: pioneering the application of NFTs in education for secure content management, copyright protection, and decentralized access to learning materials.

Dynamic digital learning records: real-time updates of learners' progress and achievements on the blockchain create a transparent, verifiable learning history.

Technical specification or expertise sought

Stage of development

Already on the market

Sustainable Development goals

- **Goal 4: Quality Education**

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner

For development of joint VET qualifications and modules,' at least two applicants must be VET providers offering qualifications programs at EQF ISCED level 3-4.

Wider stakeholders: workers in SMEs, employers, industry representatives, policymakers and government agencies, educational and training institutions, community organizations, and NGOs

Negotiations with potential partners from Poland and Ukraine are already in progress; therefore, no additional partners from these countries are sought. Additionally, the consortium does not require any further university partners for its completion at this time.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 11-49**
- **SME <=10**
- **Other**
- **SME 50 - 249**
- **R&D Institution**

Call Details

Framework program

ERASMUS+

Call title and identifier

Forward Looking 2025 – Priority 3: Vocational Education and Training: Development of joint VET qualifications and modules

Submission and evaluation scheme

Anticipated project budget

1000000

Coordinator required

Yes

Deadline for EoI

9 May 2025

Deadline of the call

27 May 2025

Project duration in weeks

Web link to the call

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/erasmus/wp-call/2027/call-fiche_erasmus-edu-2025-pi-forward_en.pdf

Project title and acronym

Block-Chain Based,VET Qualifications Beyond Borders VETCHAIN

Dissemination

Technology keywords

- **11003 - Information and media, society**
- **11002 - Education and Training**
- **11004 - Technology, Society and Employment**

Market keywords

- **02007020 - Artificial intelligence programming aids**
- **02007010 - Education software**

Targeted countries

- **World**

Sector groups involved

- **Tourism**
- **Health**
- **Creative Industries**
- **Electronics**
- **Agri-Food**
- **Aerospace and Defence**
- **Digital**
- **Proximity & Social Economy**
- **Mobility - Transport - Automotive**
- **Textiles**