

Sustainability Report of the CyberBOX Project I. - VI. 2024

(CyberBOX project on CZECH.UP JukeBOX Platform)

Project Duration: 01. 10. 2022 – 30. 09. 2023

Project Team: The project was created by CZECH.UP, an association for innovation, which invited NARA-SK and EPMA to collaborate on the project on the CZECH.UP JukeBOX platform.

1. Introduction

This report will be supplemented if the necessary materials are released to CZECH.UP and NARA-SK by the grant body EPMA. The previous periods are covered in the last report, and both reports overlap, as some activities are ongoing and others are long-term.



Since this report concerns the use of the CZECH.UP JukeBOX platform, it is largely aligned with the GameBOX project (2021-1-CZ01-KA210-ADU-000029795). This is primarily because it is processed and utilized by the same community and its organizational JukeBOX Teams. The same applies to the certification of methodologists through the Certification Authority Panatec – CZECH.UP.

2. Utilization of Project Outputs

The output of the project include:

- a) A trained community developed within the project with certified methodologists, who are the only ones authorized to present the course,
- b) The gamified CyberBOX course itself, which is publicly available upon registration of interest.

The output of the project does not include:

- a) Any software, particularly the JukeBOX platform itself, which is the inalienable property of Panatec s.r.o. (author Nácovský) and is managed by the open association CZECH.UP z.s., was not part of this project (neither planned nor actual).

All collaboration rules between CZECH.UP and NARA-SK are adhered to in this and other projects, with both partners participating in managing the collaboration by appointing their representatives to the platform Teams.

These two partners executed the entire project and continue to manage it even after its completion. It has been demonstrated that the digitization processes and quality management system applied by these partners are effective and are used in other projects we collaborate on. The outputs are linked in a way that ensures compliance with project conditions while simultaneously maximizing the impact of the outputs from this and other projects.

Based on their experiences from this project, CZECH.UP and NARA-SK will not collaborate with any grant bodies in the future, even though this generally results in lower project evaluations in the Czech Republic. Conversely, this strategy is rated more favorably in neighboring countries.

In the following text, when I mention the term "partner," I am referring to CZECH.UP and NARA-SK, the partners who worked on the project and fully fulfilled their roles.

3. Work of the Community created in the Project

3.1. Preparation of Methodologists

During the project implementation, the main methodologists were Denisa Uhlířová (CZECH.UP) and Denisa Záchenská (NARA-SK), certified by the Certification Authority CA Panatec – CZECH.UP.

Denisa Uhlířová also received certification from the National Energy Cluster NEK at the International Conference – ENERGFUTURA 2023.



CA organizes Team CA. This Team consist of PhDr. Ing. Skála Ph.D., Ing. Plesník a Ing. Nácovský.

With this certification, the following two collaborators gained the status of National Methodologist for the year 2022-2023 and Denisa Uhlířová also became the head of the Platform Methodologists Team.

The right to present the JukeBOX platform and its courses from the start of the project is held exclusively by certified methodologists and members of the Leaders Team (Ing. Nácovský – Team Leader and Ing. Plesník – Team Member). Any presentations or reports made by other individuals do not comply with the rules and are neither authorized nor valid. This is one of the agreements upon which the quality management system of the project, the platform, and the collaboration itself is based.

Overview of the outputs of the GameBOX and CyberBOX projects as of 6/2024:

3.2. Development of CZECH.UP and its members and partners activities in education

- A. Education: is a crucial component of community collaboration and innovation management:
- Most members of CZECH.UP have experience in education. For example, we have developed higher education programs related to Smart City, digitalization, and Facility Management, and we deliver these programs.
 - Contractual arrangements for student internships and supervision of student and intern projects: CZECH.UP as well as members of Panatec, PTL, CityOne, and Datron regularly host over 20 students over a period of 3 years. Interns on CZECH.UP projects have roles in communities and teams and are certified.
 - Own educational institutions: Panatec (for certain periods), Datron (Education at datron.cz), FM Institute Overview of courses, seminars, and webinars - FM Institute (over 1,000 participants annually).
 - Organizing conferences, expert meetings, and publishing: CZECH.UP CityOne (City:One magazine, URBIS, ITAPA, etc.), Conference proceedings and presentations from ECO & ENERGY Innovation, NEK 2022, and the International Conference Proceedings – ENERGOFUTURA 2023, NEK 2023, DATRON (numerous), Panatec (regional), FM Institute (for facility managers and developers), with a total reach of over 1,500 participants.

- e) ERASMUS+ Education Projects: CZECH.UP (in collaboration with NARA-SK) has implemented projects
- GameBOX CZ01-KA210-ADU-000029795 for the years 2022-2023 on the topic of financial literacy for young adults. The project actively educated 18 individuals, and in 2023, over 3,000 online participants from the EU utilized the courses.
 - CyberBOX CZ01-KA210-YOU-000083750 for the year 2023 on the topic of cybersecurity. The project actively educated 41 individuals, and in 2023-2024, over 6,000 online participants from the EU utilized the courses.
 - AlexplorerBOX CZ01-KA210-YOU-C394F514 in 2023 on the topic of artificial intelligence. The project was not approved.
 - AlexBOX CZ01-KA210-ADU-000255041 in 2024 on the topic of artificial intelligence. The project was accepted as an alternative project.
 - GreenBOX submitted in Slovakia by partner NARA-SK in 2024 on the topic of Green Deal. The project was not approved.
- f) ERASMUS+ Education Projects: The NARA-SK team (in collaboration with several other significant European partners) has implemented projects
- ERASMUS+ 2023 2023-1-SK01-KA220-ADU-000154640 NARA-SK Circular City
- g) Educational Projects in Collaboration with Commercial Partners:
- ČPP FinBOX 2023-2024: In this project, we aimed to verify our performance in market collaboration. The project certified CZ national methodologists for gamification, and the course was viewed by 4,500 online participants from the EU.

In internship positions at CZECH.UP and among its members and partners (part of the working teams), approximately 25 students are continuously involved. Out of these, 9 specifically participated in the work on EU projects throughout all phases – from application to sustainability.

- B. Related projects supporting collaboration with national networks and international networks:
- a) Horizont SCALE.UP Call: HORIZON-EIE-2022-SCALEUP-02 Proposal ID: 101114421. The project was not approved, and we are working on an improved version.
- C. Community, Volunteer, and Student Activities in CZECH.UP, within the National Network, and as part of International Collaboration with Partners:
- a) Student Intership (<https://cyberbox.czech-up.cz/vystupy-a-materialy/>)
- Within projects – students work primarily in international teams as part of Erasmus projects on the BOX and PEX platforms (online experiential courses). In the years 2023 – 2024, 6 students from CZECH.UP and NARA-SK partners participated in educational projects, and were certified as methodologists for the gamification platform JukeBOX.
 - **Within student internships (educational system) – students organize and participate in international hackathons and conferences as certified methodologists for the respective platform. In the years 2023-2024, 2 certified students took on the role of organizers for national communities. They organized a hackathon for 30

secondary and higher education students, a meeting with youth from the Children's Home and Family in Jesenské, Rimavská Sobota district, and the marginalized Gemer-Malohont region with the highest representation of marginalized groups, totaling 50 children. One of the students also presented at an international conference for 120 participants and was certified by the organizers.

- In the context of volunteering – students create and develop platforms in terms of processes and program code. This involves creating and organizing national communities and their international collaborations. Students also volunteer in establishing and managing Erasmus and other projects. During 2023 – 2024, a total of 9 young people under 30 collaborated in volunteering and obtained certification as methodologists. Under their guidance, 310 additional students participated in surveys and testing, and over 10,000 participants went through various gamified courses during this period.
 - b) Communities: Since the CZECH.UP association focuses on innovation, it naturally creates and manages communities through modern, innovative approaches. We leverage the deep knowledge of our collaborators, which is primarily organized around computer games. Students and volunteers play a key role here; they are educated, certified as methodologists, and then work for their "own" community. CZECH.UP supports them primarily through the structure of its Teams.
 - Communities are formed within the national network and collaborate with each other on an international level.
- D. Quality Management: Teams are composed of trained and certified methodologists (certification is valid for one year with renewal), who establish a unified communication system for all partners and a system for incorporating selected ideas into the offering. Team List: Leader Team (collaboration and quality management - partner managers), Methodologist Team (manages communities), Communication and Media Team, Digitalization Team, Certification Authority Team.
- E. Certification is handled by the Certification Team. This team certifies using its own platform certificates and concurrently seeks out other suitable certification authorities, processing certification through them.
- a) Certificates are typically issued for a calendar year with the possibility of renewal. They are recorded and published on product websites (for example, on the CyberBOX website): [Výstupy a materiály – CyberBox \(czech-up.cz\)](#).
 - b) Certificates identify those who are authorized to be active on behalf of the platform, projects, or communities externally.

In the years 2023 – 2024, a total of 9 individuals under 30 were certified as official methodologists for the JukeBOX platform, which is responsible for editing and launching gamified courses. Certification is free of charge, and we intentionally invite individuals who are undergoing exit programs of the CZECH.UP association. These programs support integration from issues such as addiction, social exclusion, risky activities, psychological and psychiatric disabilities, war-induced migration, and disadvantages due to exceptional talent, among others.

4. Development and future

4.1. Strengthening the quality of own teams, communities, and networks

Members and partners of the CZECH.UP association actively offer their own educational content while striving to create innovative conditions in education, both in terms of supply and demand. They are interested in integrating the principles of collaboration according to the European New Entrepreneurs Policy.

Key Personnel of CZECH.UP:

A. Ing. Pavel Nácovský: leader CZECH.UP:

- Leads innovation and partnerships – 33 years of experience
- Author, leader, and methodologist of 28 European projects of various types
- 20 digitalization projects, one national strategic management project, and 3 self-governance projects
- Author and expert leader of 2 projects utilizing the JukeBOX editor (GameBOX and CyberBOX); established and leads a similar project, FinBOX, in collaboration with ČPP
- Lecturer in innovation and digitalization for 33 years

B. PhDr. Ing. Vít Skála Ph.D.: education, communication and media, digitalization

- 25 years in expert, scientific, and managerial positions
- Experience with 18 European projects, including visuals, media, and project portals and outputs. Participation in both Erasmus+ projects
- Expert on social enterprises, networks, communication, and marketing
- Lecturer for social enterprises and secondary/higher education

C. Mgr. Lenka Nácovská: educator, educational benefits for community members, talent team management

- 26 years of managerial experience
- Educator and head of educational activities at CZECH.UP
- Participation in both Erasmus+ projects
- Principles of New Entrepreneurs
- Team lecturer

D. Other experts from CZECH.UP participating in both Erasmus+ projects and one ČPP:

- Ing. Vladimír Němec - Architect of digitization; participation of communities in digitization processes. 20+ years of experience. Leader of student teams in a commercial company.
- Zdeňka Olišarová quality management. 20+ years of experience
- Zsanett Szika – Support for language versions and management of their quality (especially ENG, HU, UA). Certified [certifikat-zsanettSzika – CyberBox \(czech-up.cz\)](https://www.czech-up.cz/certifikat-zsanettSzika-CyberBox). Internship 3)
- Yuri Sika – lead tester for digitalization. Certified [certifikat-yuriiSika – CyberBox \(czech-up.cz\)](https://www.czech-up.cz/certifikat-yuriiSika-CyberBox). Internship 2.

E. Other certified experts from CZECH.UP participating in one Erasmus+ project and one with ČPP:

- Jan Čáp – JukeBOX methodologist. Community manager. University Student – Applied Informatics. Certified [certifikat-janCap – CyberBox \(czech-up.cz\)](https://www.czech-up.cz/certifikat-janCap-CyberBox)

- Patrik Vacík – digitalization methodologist. University Student – Applied Informatics. Certified [certifikat-patrikVacik – CyberBox \(czech-up.cz\)](#).
- Filip Rákosník – Digitization of gamification templates and game scenarios. University Student - internship. Applied Informatics. University community manager. In the certification process.
- Barbora Nácovská – New Entrepreneurs. University Student, internship. Certified: [certifikat-barboraNacovska – CyberBox \(czech-up.cz\)](#)
- Martin Košina – Digitization of processes and courses. University Student, internship. Applied Informatics. University community manager. In the certification process.

A team of support experts for consultations with the CZECH.UP team from association partners.

Special thanks to Ing. Josef Handl, MSc, for his expert support to the author of JukeBOX in defining the platform concept.

Key personnel of NARA-SK:

A. Bc. Matej Plesník, DiS.

- Head and statutory representative of NARA-SK,
- Expert in social economy and green infrastructure
- Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI

B. Ing. Ján Plesník

- CEO NARA-SK,
- Expert in systemic solutions for the circular economy
- Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI

C. Other experts from NARA- participating in Erasmus projects

- Ing. Radovan Grollmus, Coordinator of international projects NARA-SK, Process solution of informal education, Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI
- Bc. Dominika Fugger, International coordinator of NARA-SK projects, Process solution of technical aspects of projects, Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI
- Mgr. Tatiana Sanisló, Coordinator of international projects NARA-SK, Process solution of informal education, Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI
- Ing. Marian Bakita, MBA, National coordinator projektov NARA-SK, Process solution of regional development, Professional guarantor in international projects ERASMUS+, Interreg DTP, Interreg CE, Horizon Europe, EUKI

D. Other certified experts from NARA-SK participating in Erasmus+ project

- Martin Košina – Digitization of processes and courses. University Student, internship. Applied Informatics. University community manager. In the certification process.