

PROJECT PARTNER SEARCH FORM

I offer my expertise to participate as a Partner in a Horizon Europe Project

I am planning to coordinate a project and I am looking for Project Partners

TOPICS OF INTEREST

The V4+ Academic Research and Development Consortium (V4+ACARDC) of subjects of the V4 countries and Ukraine is looking for project leaders to take it into an interdisciplinary consortium, where they can lead and manage a separate project block for bulk processing "BIG Knowledge" (it is not Big Data).

Although the Consortium is currently solving the V4 EDUPORT project, which belongs to the field of "ISO/IEC JTC 1/SC 36 - Information technologies for education, training and education", in that the knowledge (content) is universal, can provide a separate block in any Horizon challenge , e.g. **perform an information system of the project for ANY THEME, ANY CALL, ANY CLUSTER. In this context, the Consortium has mastered personalized software (offline and online applications), IT infrastructure (including the use of virtual machine) and a database paradigm for mass processing of information and knowledge. This enables concentration and quick processing of content even by users with lower IT skills (it is based on two registered utility models at the Slovak Patent Office).**

PARTNER INFORMATION

On behalf of the **Slovak University of Technology in Bratislava**, the contact person Stefan Svetsky leads the international Consortium of V4 countries - Slovakia, Poland, Hungary, the Czech Republic and Ukraine. He has interdisciplinary expertise and related experience with EU framework programs. In 2014, he was leading the project proposal PanEULangNET within the Horizon ICT 17 call (Cracking the language barriers) where participated around 30 researchers from thirteen entities (half of the consortium was made up of engineers who were supposed to supply multilingual content to the other half of language specialists designing Automatic Machine Translation). So the university would be the partner that umbrellaed the consortium.

Description of the Legal Entity

As it is on the website <https://eduport.stuba.sk/> V4+ACARDC Consortium solves the project "V4 Educational Academic Portal for Integrating IT into Education (V4-EDUPORT)" under the banner of the **Slovak Technical University in Bratislava as the legal entity**, which is a regular participant of framework programs EU and Horizon:

The Slovak University of Technology in Bratislava (STU), the largest and most significant university of technology in the Slovak Republic, is a modern European educational and research institution. It offers university education mainly in technical, technological, technical-economic, technical-information and technical-artistic fields of study. Its activities reach back to the rich old tradition of the Mining Academy in Banská Štiavnica, established by the Empress Maria Theresa in 1762:

- https://www.stuba.sk/english/university/profile-and-rankings.html?page_id=8198 - Profile and Rankings

Within the V4+ Academic Research and Development Consortium (V4+ACARDC), they cooperate:

Project Coordinator: Institute of Management of the Slovak University of Technology --- Slovakia

Partner No. 1 : Wydział Nauk Scislych Uniwersytet Przyrodniczo-Humanistyczny w Siedlcach --- Poland

Partner No. 2 : Bejczy Antal iRobottechnikai Központ, Óbuda University Budapest, Magyarország --- Hungary

Partner No. 3: University of Ostrava --- Czech Republic

Partner No. 4: Institute of Information Technologies and Learning Tools - Ukraine

Partners pages * <https://www.iitlt.gov.ua/eng/> * <https://www.osu.cz/> * <https://www.uph.edu.pl/>

* <https://irob.uni-obuda.hu/> * https://www.stuba.sk/english/institutes/management-institute-of-the-slovak-university-of-technology.html?page_id=3234

Accredited study programs for which it is possible to apply the above mentioned IT support using all-in-one software (desktop and internet applications) and IT infrastructure:

https://www.stuba.sk/english-1/stu/ects-label/ects-information-package/information-on-degree-programmes/all-programmes.html?page_id=5552&f=0&le=0&l=all&c=0&pg=1&ad=true

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| <input checked="" type="checkbox"/> Higher Education | <input type="checkbox"/> Research Institution | <input type="checkbox"/> Public Administration |
| <input type="checkbox"/> Industry /SME | <input type="checkbox"/> NGO | <input type="checkbox"/> Other: <i>Please specify</i> |

Description of the (Research) Team

Key person is the V4+ACARDC Consortium leader Stefan Svetsky

- <https://orcid.org/0000-0002-2186-5957>

He has interdisciplinary expertise within his academic research: Software applications, Technology-enhanced learning, Learning analytics, Multilingual IT support, eLearning design. Knowledge management, Human centered computing. However, within industrial research he worked in technological areas: Surface treatment, Technical testing, Environmental Protection/Sustainable development, Technical standardization. He is a graduate chemical engineer, with postgraduate work on Corrosion Protection, a dissertation on the greening of PCB cleaning, and a habilitation work on the mass construction of educational content and e-Learning. As a developer of an universal all-in-one one-man-software WPad he continues in ICT area, developed the internet application PIKS (communication channels for Personal Information and Knowledge System) and personal IT infrastructure enabling a user to process a huge amount of content, including WPadBVI version for blind and visually impaired people.

From industrial phase of his research can be mentioned: as expert working on EU BAT reference documents EIPPCB (<https://cippcb.jrc.ec.europa.eu/reference/>), working on implementing NATO and CEN Standards to Slovak standards (temporary corrosion protection) or one patent in the field of metall degreasing. From academic phases of his research can be mentioned: leader or participant of several research projects on national and international level, presenter on several global conferences, author over hundred scientific papers, including registered two utility models on Slovak Patent Office.

Key persons are sub-leaders in the V4+ACARDC Consortium with their teams

Tamas Haidegger [Tamas Haidegger \(0000-0003-1402-1139\) \(orcid.org\)](https://orcid.org/0000-0003-1402-1139)

Dariusz Mikulowski [Dariusz Mikulowski \(0000-0002-4567-7846\) \(orcid.org\)](https://orcid.org/0000-0002-4567-7846)

Maria Shyskhina [Mariya Shyshkina \(0000-0001-5569-2700\) \(orcid.org\)](https://orcid.org/0000-0001-5569-2700)

Martin Kotyrba [Martin Kotyrba \(0000-0003-3780-3053\) \(orcid.org\)](https://orcid.org/0000-0003-3780-3053)

Expertise of the Team Leader

Stefan Svetsky, leader of the V4+ACARDC consortium, acquired interdisciplinary expertise in the fields of education, technical standardization, surface treatment, environmental protection in industrial and academic research. He led a research project in each of these areas, e.g. in industrial research, he led corporate projects and a national project for testing, where o.i. he also programmed the information system of the accredited laboratory. After moving to the university, he focused on applied informatics and worked in FP7 consortia (KEPLER, L3-Pulse), where he was the head of university blocks as a partner and in the Horizon ICT 17 call, he led an international consortium, on whose behalf he submitted the PanEULangNET project to CSA, or was in the Satesel consortium. He subsequently developed the themes of these projects at the regional level, when in 2018-2019, he led an international project within the Vyšehrad International Fund, where the V4+ACARDC consortium was established. This Consortium is currently continuing the previous project as V4 EDUPOINT - project. As a leader, he has experience in project deliverables, communication and time management, which various solutions require. He is a member of the Editorial Board of Mechanical Engineering, for many years headed the Technical Commission TK76 at the Slovak Institute of Technical Standardization and served as an international expert evaluator for the Czech Technology Agency, including as an expert of the BAT Working Group at the EIPPCB Seville.

Potential role in the project

- Research Training
 Dissemination Other: ***Please specify***

e.g. project leader, scientific coordinator, workpackage leader, product development expertise.

| | | | |
|-------------------------|------------------|---|-----------------------------|
| Already experience as a | Coordinator | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| | Partner | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| | Expert Evaluator | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| CONTACT DETAILS | | | |

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Date: 27/01/2023

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