

ERASMUS+ PARTNER IDENTIFICATION

ASOCIATIA "TOMORROW HUB"	
OID	E10333635
Full legal name (National Language)	Asociata Tomorrow Hub
Full legal name (Latin characters)	Asociata Tomorrow Hub
Acronym	ATH
National ID (if applicable)	CIF 47854948
Department (if applicable)	
Address (Street and number)	St. Bobalna nr 17
Country	Romania

Region	Transilvania
P.O. Box	
Post Code	500052
CEDEX	
City	Brasov
Website	https://tomorrowhub.org/
Email	contact@tomorrowhub.org
Telephone 1	+40 734082707
Telephone 2	
Fax	

PROFILE	
Type of organization	Non-Governmental, Non-profit Association
Is the partner organisation a public body?	No
Is the partner organisation a non-profit?	Yes
LEGAL REPRESENTATIVE	
Title	Mr.
Gender	Male
First Name	Istvan - Laurentiu
Family Name	Dobra
Department	Management
Position	President
Email	contact@tomorrowhub.com laurentiudobra97@gmail.com
Telephone 1	+40 734082707

CONTACT PERSON 1	
Title	Mr.
Gender	Male
First Name	Laurentiu
Family Name	Dobra
Department	Management
Position	Director
Email	contact@tomorrowhub.com laurentiudobra97@gmail.com
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CONTACT PERSON 2	
Title	Mr.
Gender	Male
First Name	Bogdan
Family Name	Deaky
Department	Administration
Position	Vicepresident
Email	Bogdan@bluemind-software.ro
Telephone 1	+40 744 399 284
BACKGROUND AND EXPERIENCE	
Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project.	Tomorrow Hub is a non profit and non-governmental organization that operates with an apolitical stance, focusing on youth development in Romania. The organization's core mission is to promote active citizenship among young people while also upholding local and national cultural values. Founded in 2023 by a group of associates, including students and a professor from the University of Transylvania, Tomorrow Hub is committed to supporting the social and personal growth of local youth. The organization's name is reflective of its primary objective, which is to cultivate and foster a better future for all. Tomorrow Hub is dedicated to encouraging individuals to explore and develop their skills and knowledge in areas such as digitalization, innovation, sustainability, entrepreneurship, democracy, diversity, arts and other pertinent topics relevant to today's society. Our target group consists of individuals aged 18-35, and our goal is to integrate them into various programs that facilitate skill development and improvement. In doing so, we aim to equip them with the knowledge and expertise necessary to make a meaningful impact in their respective fields. Despite our organization's youth, our key staff boasts extensive experience with the Erasmus+ program. With a track record of over 25 successfully completed projects, our team is highly familiar with the program.

Skills and expertise of key staff involved in the project, Name of staff member and summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.	We will closely list our skills and expertise categorized across multiple fields. <u>Entrepreneurship, digitalization, innovation, and technology.</u> Dobra Istvan Laurentiu • Bachelor's degree in Engineering and Business Administration from the University of Transylvania, Brasov. • Founded his first company in the ecommerce sector at the age of 21. • Co-founded another company in the software sector several months later, achieving a cumulative revenue exceeding \$500,000 and maintaining a profit margin of 80%, with global operations. • Successfully secured a grant exceeding 80,000 euros through a nationally recognized program dedicated to promoting business development and expansion (Start Up Nation Romania). • Mentored by Cristian Onetiu, a prominent Romanian businessman recognized as one of Forbes' top 500. • Capital investor within the tech, ecommerce, and manufacturing sectors. • He established another company in the hardware sector, specifically emphasizing cloud services. Mihai Bacila • 15 years of experience in software development; • 8 years of experience as an entrepreneur, starting at the age of 19; • Development Manager at Meire & Brito Automation GmbH • Managed several projects backed by public funding; • Investor in multiple tech startups; • Co-founded tech companies with a total revenue of over \$1,000,000 and a profit margin of over 80% • Developed RPA software for a global audience comprising 10000+ clients worldwide;
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- Invented a medical device for the treatment of chronic pain in a flexible skin patch format based on a flexible circuit which can bend along the patient's body offering continuous symptom relief throughout the entire day;
- Conducted extensive research in AI with a focus on natural language processing algorithms as part of my dissertation;
- Created the first hybrid model for anaphora resolution for the Romanian language;
- Created several AI applications in the field of image recognition.

Bogdan Deaky

As the proprietor of a software company for more than 20 years, Bogdan has predominantly functioned as a contracted tech lead for a variety of firms, one of which collaborated with NASA. The following outlines some of the tasks and companies he has collaborated with:

- Deputy CTO, Software System Architect, Quality Assurance Lead at AR-Experts GmbH
- Senior Software Engineer at FoodReady
- Senior VR/AR Architect at Time Walk
- Senior PHP Developer
- Senior Real-Time 3D Architect
- Senior Node.js Engineer
- Senior JavaScript Developer
- Senior PHP Full-stack Developer
- Senior Real-Time 3D Developer (World's first 3D car configurator)

Environment

Dobra Istvan Laurentiu

- His hardware business utilizes solar panels to contribute to climate improvement, minimize resource consumption, and reduce costs.
- During his university thesis, he developed a prototype for a hydroponic garden that enables plant growth in a closed-loop system, significantly reducing resource usage. This innovative system recirculates water, resulting in a 97% reduction in water consumption compared to traditional farming. Additionally, as the plants grow within the household, the need for purchasing imported products, often transported over long distances, is eliminated. The hydroponic garden eliminates the necessity for pesticides and soil. The prototype was 3D printed using recycled materials, aligning with sustainable practices.
- He is environmentally conscious and consistently makes decisions aimed at minimizing his carbon footprint.

Bogdan Deaky

- During his postdoctoral internship at Carinthia University of Applied Sciences in Villach, Austria, Bogdan participated in a remote class held in Delft, Netherlands. The course centered on the principles of solar energy and the design of solar installations. The laboratory applications were executed on remote equipment.

Art and culture

Dobra Istvan Laurentiu

- He has experience playing the piano and is capable of performing pieces composed by Ludovico Einaudi, such as "Experience" and "Fly."
- Exceptionally skilled in video, film, or documentary production, boasting over 4 years of experience in editing with Adobe Premiere. Notably, he successfully produced a documentary on the Crisis in Venezuela, gaining over 10 thousand views.

Bogdan Deaky

- Bogdan played a pivotal role as the Chief Technology Officer in the TimeWalk project—an innovative venture aiming to develop a virtual reality replica of the world with practical applications. As a member of this startup, he contributed to the ambitious goal of creating a VR simulation where users could travel, interact, and digitally preserve their experiences. The long-term vision involved integrating this virtual world with the real one, allowing users to seamlessly make purchases using VR technology in real-time.
- Bogdan was involved in the development of dozens of software applications including VR, AR, and touch applications for a museum and a highschool aiming to enhance its educational offerings with innovative technologies. The museum was looking to attract more young visitors by means of introducing novel AR technology in their exhibitions.

Healthy lifestyle and sports

Dobra Istvan Laurentiu

- He has been dedicated to weightlifting and training for more than 6 years, demonstrating a strong commitment to maintaining and prioritizing his health.
- Highly skilled in strength and conditioning training
- In the past year, he has diversified his focus to include kickboxing, receiving coaching from a heavyweight champion.

Bogdan Deaky

- Bogdan contributed significantly to the startup Herbaro, initiated by a distinguished Austrian professor holding a Ph.D. in biology. The professor had successfully extracted electrical signal patterns from healing plants but faced challenges in securing funds for further research due to the absence of a Minimum Viable Product (MVP) to showcase to potential investors. Bogdan delivered the much-needed MVP. Within a few short months, he not only designed the system but also developed both the Android client and the server.

Education, training and volunteering

Dobra Istvan Laurentiu

- Joined Board of European students of Technology as a volunteer in 2019 for several months
- Internship within the Engineering Department at NBHX Rolem
- Member of the USR Party
- Group leader and participant in several erasmus plus projects such as:

Climate Beyond Classism - Sonthofen,

Germany FAke or FAct - Torremolinos, Spain

Healthy Lifestyle to combat stereotypes - Paola, Italy

Green Human Rights Matter - Paola, Italy

It's All About Us 3 - Rome,

It's All About Us 4 Rome,

Take Action Before It's Too Late - Afyon,

Turkey Agrihaking Talent - Thessaloniki,

Greece

Be Active - Gozo, Malta

No drugs - Lagunas de Ruidera, Spain

Silence hate- Berlin, Germany

In art concordia- Castellammare di Stabia, Italy

Youth goals - Fuerteventura, Spain

Democratic life- Tenerife, Spain

Bogdan Deaky

- Doctor of Philosophy - PhD, IT applied for Mechanical Engineering
- Professor at University of Transilvania Brasov
- Researcher (internship) - Carinthia University of Applied Sciences
- Postdoctoral researcher - Transilvania University
- TEAL 2 Colaborator - Improving Access to Science and Technology Higher Education in Resource-Poor Institutions through an Open Platform for Technology Enabled Active Learning Environment
- Recognized for their exceptional contributions and awarded a certificate of appreciation by the Institute of Electrical and Electronics Engineers (IEEE).

Mihai Bacila

- Bachelor's degree in computer science, Babes-Bolyai University, Faculty of Mathematics and Computer Science, Cluj-Napoca;
- – Master's degree in Applied Computational Intelligence, Babes-Bolyai University, Faculty of Mathematics and Computer Science, Cluj-Napoca;
- – Entrepreneurship Specialization, University of Pennsylvania, Wharton Business School

N o	Programme or Initiative	Year	Project Identification or Contract Number	Contracting Promoter	Project Title
1	Erasmus+ KA1	2023	2023-1-IT03-KA15 1-YOU-00011298 1	Associazione InCo-Molfetta APS InC	Carpe DIEM! (Digital Innovation in Educational Methodologies)
2	Erasmus+ KA2	2023	2022-1-DE04-KA1 51-YOU-0000518 20	COPERNICUS BERLIN	Dance for inclusion empowering youth through movement
3	Erasmus+ KA1	2023	2023-1-SK02-KA1 51-YOU-0001363 24	European Dialogue	EmpowerED: Advocates for Inclusion and Human Rights
4	Erasmus+ KA1	2024	2023-1-SK02-KA1 51-YOU-0001363 24	Bratislava Policy Institute	Envision
5	Erasmus+ KA1	2024	2023-1-SK02-KA1 51-YOU-0001179 43	Bratislava Policy Institute	Polis
6	Erasmus+ KA1 & Erasmus+ KA2	2024	2022-1-PL01-KA1 51-YOU-0000672 49	Stowarzyszenie Youth Human Impact	Leadership Lab
7	Erasmus+ KA2	2023	2023-3-BG01-KA2 10-YOU-0001768 12	ProXuman	AI MARK YOUTH
8	Erasmus+ KA1	2023	2023-1-IT03-KA15 1-YOU-00012828 8	ICSE	PART-Y "Youth Work is Participation."