



# *Innovation for solving tomorrow's challenges*

## **Energy & Water Brief**

Within the environmental and sustainable industries, AcrossLimits' expertise and knowledge have supported and impacted multiple projects and collaborations related to green practices, management, and planning. We have built and become part of a strong network of experts, collaborators, and green institutions around Europe, and worked on various projects in Europe. We have worked with different consortia as Technical Partners, Software Developers, and Dissemination and Sustainability, and eLearning experts.

We have worked on projects that directly impact the lives of vulnerable communities and seek to ensure that the right resources go to the people that need them most. We are furthermore committed to safeguarding our planet's natural resources, and have supported the development and promotion of renewable energy, water conservation, energy efficiency, green computing, and environmental activism.

## About Us

AcrossLimits is a Maltese registered SME, founded in 2001. Over the last two decades, the company has acquired a wealth of knowledge and experience in various European Union programmes, by participating in over 70 EU-funded projects.

Apart from having an impeccable track record with the European Commission's various institutions, AcrossLimits' network of over 50 international experts from various industries gives any consortium an added advantage by having us as a partner.

AcrossLimits offers courses under the brand name TrainingMalta™, an MFHEA and ISO accredited training centre in operation since 2002, offering a rich learning experience made up of theoretical and hands-on tasks in various sectors such as eLearning, Entrepreneurship, Digital Storytelling, Leadership Skills and ISO.

## The Team

AcrossLimits operates as a remote company with highly-skilled team members across Europe and a physical office in Malta – but has representation offices in collaboration with business partners in Finland, France, Greece, Hungary, North Macedonia, Spain, Switzerland, UAE and UK. AcrossLimits also engages a pool of 50+ experts from around the world in specific sectors to ensure the highest of standards.

### Team Sectors

---

- Our Experts participate in national, EU and international committees and use their technical expertise to advise on policy development.
- Our Project Managers have years of experience in areas such as entrepreneurship, the environment, IT, gender and youth work, education, digital services, infrastructure, eHealth and more.
- Our Technical team develops software concepts, tools, online learning platforms, commercial websites, and virtual hubs including gamification and interactive experience.
- Our Marketing team produces various content and designs visual communication material for different channels. The team also disseminates project information across an assortment of platforms.



## Green ICT

Being an ICT company, we recognise the importance of bridging solutions with technology, and using technology as a key player to aid adaptation and maximise results. We seek to ensure that the right resources go to the people that need them most. We have worked on projects that directly impact the lives of vulnerable communities, including migrant families, the elderly, and citizens in developing and European countries, all the while striving for gender equality.

Technology has had a great impact on environmental and water safety and planning, through the use of digital applications, while ensuring safety and the use of best practices. Technology itself has passed through revolutionary changes, that now enables the implementation of professional and sustainable hardware and software within its design and functionality.

We are furthermore committed to safeguarding our planet's natural resources and have supported the development and promotion of renewable energy, water conservation, energy efficiency, green computing and environmental activism.



# Services

## Energy & Water related activities

---

- Holistic project management services liaising between technical experts and green experts
- Design, development and maintenance of professional and sustainable software and hardware to aid green practices (software components)
- Desk and Field Research within the Environmental sector, and sustainable management practices
- Expert advice related to the implementation of technology in environmental projects
- Development of green outreach communication material
- Transformation of project results into sustainable and commercial opportunities
- Networking in many European countries via AcrossLimits' network of contacts
- Organisation of conferences / seminars / workshops / symposia
- Development and maintenance of Teaching and Learning Platforms for users on environmental topics



# Projects

## OpenIoT

### Open Internet of Things

OpenIoT was funded by the Research Framework Programme, and deals with applications used in Smart Cities for management of different resources including the quality of drinking water, rivers, transport, and air quality, therefore ensuring increased efficiency in resource utilisation. The project created an open source middleware, that retrieved information from sensor clouds, without having to worry about which exact sensors were used.

OpenIoT explored efficient ways to use and manage cloud environments for IoT “entities” and resources (such as sensors, actuators and smart devices) and offering utility-based (i.e. pay-as-you-go) IoT service.

It provided instantiations of cloud-based and utility-based sensing services enabling the concept of “Sensing-as-a-Service”, via an adaptive middleware framework for deploying and providing services in cloud environments. Our main role in this project was to develop an application to improve the quality of life of elderly people in smart cities. One demonstrator alerted the elderly when water was not of sufficient quality in the city, or which areas to avoid due to low air quality resulting from pollen.

[openiot.eu](http://openiot.eu)



### *Our Role*

Our main role in this project was to develop an application to improve the quality of life of elderly people in smart cities. One demonstrator alerted the elderly when water was not of sufficient quality in the city, or which areas to avoid due to low air quality resulting from pollen.



# Projects

## NEWBEE

### Novel Business model generator for Energy Efficiency in construction and retrofitting

NEWBEE was a project funded by the Research Framework Programme, that consisted of a system enabling SMEs to generate new performance-based business models for cost and Energy Efficient construction works (reducing heat, electricity, water consumption) with special incidence in retrofitting. It supported the increase in demand for low carbon solutions through financial, organisation and social innovation, and through the creation of cooperative and collaborative business networks that have early involvement in the retrofitting optimisation process.

NEWBEE's innovation was in its working methodology fitted to the new paradigm, and efficiently supported by an ICT set of tools. It created a system that benefitted from previous knowledge, in order to help SMEs find an easier way to generate new business opportunities, and provide them with the means to develop them.



#### *Our Role*

Our main role was to help in the development of the Business Model, with our focus being on the development of financial areas, and exploitation of results.



# Projects

## SCOBE

### Systematising Collaboration amongst Business and Educational institutions

The SCOBE project was funded under the Erasmus+ Programme's Key Action 2 – Development of Innovation – Strategic Partnerships for Vocational Education and Training. SCOBE's goal was to ensure that a highly-skilled workforce in renewable energy areas, by filling the gap between market needs and the current focus of educational establishments.

This project focused in particular on creating a blended learning programme tailored to the skills demanded within the field of wind energy.

[scobeproject.eu](http://scobeproject.eu)



### *Our Role*

AcrossLimits' role consisted of branding and developing the technical aspects of the project, including website execution, eLearning platform, web and mobile application, and social media implementation.



# Projects

## NGEnvironment

### Foster European Active Citizenship & Sustainability Through Ecological Thinking by NGOs

NGEnvironment, an Erasmus+ Project, was funded with the goal to foster European active citizenship and sustainability through ecological thinking by NGOs. It promoted green and social actions, giving participants the opportunity to improve their leadership, citizenship, and NGO management skills.

A train-the-trainer approach was adopted to improve social and green mentorship and boost NGO leadership among a relevant number of communities.

[ngenvironment-project.eu](http://ngenvironment-project.eu)



### *Our Role*

Our role was to establish the project branding strategy, and build an online platform and observatory that would allow NGO leaders and staff members to exchange ideas and practices with their peers in partner countries, collaborate on potential joint ventures and support one another.







**Would you like to know more?**

We would be happy to share our know-how on EU opportunities. Contact us for a free consultation.

**CONTACT US ON**

[info@acrosslimits.com](mailto:info@acrosslimits.com)  
[www.acrosslimits.com](http://www.acrosslimits.com)