




MODERATE

MODERATE Interview Series: Luis Ríos Barona Senior European Project Manager at InnEurope



In each **MODERATE** project newsletter, we're interviewing one of the project partners to get to know more about them and their role within the project.

This time we're having an interview with Luis Ríos Barona, Senior European Project Manager at InnEurope.



Interviewer : Thank you for taking the time to speak with us. Could you comment on some projects where InnEurope has recently participated and explain the role of your organization within the MODERATE project?

Luis Rios Barona: InnEurope has been specialized in the management of European funds for 18 years and its trajectory in the development and execution of European projects is exponential. Throughout these years we have participated in more than 50 European projects from which we have been at the forefront of several and in others, we have led different work packages and our forecast for 2024 is constantly increasing.

Currently, in our portfolio of European projects, we are collaborating in projects such as HUBiquitous, which aims to create a joint Africa-Europe startup and innovation ecosystem for long-term collaborations and partnerships. Also, over the last few years, we have been collaborating in INFINITECH, a joint effort of Europe's leaders in ICT and Finance/Insurance

sectors towards providing the technological capabilities, the experimentation facilities (testbeds & sandboxes) and the business models needed to enable business models needed to enable European financial organizations, insurance enterprises and FinTech/InsuranceTech innovators to fully leverage the benefits of BigData, IoT and AI technologies.

In the MODERATE project, InnEurope assumes a pivotal role as the leader of the exploitation package, responsible for ensuring that the project's services progress effectively towards the market. Our involvement extends beyond this specific package, as we participate as a transversal partner across various dimensions of the project, contributing our expertise to enhance its overall impact.



Exploitation of European projects encompasses a range of activities aimed at maximizing the project's outcomes and ensuring its sustainability beyond the funding period. Some of these activities include market analysis, business model development, Intellectual Property Management, exploitation planning or stakeholder engagement.

I: Why MODERATE is important to your organization? What kind of results do you expect?

LRB: MODERATE holds significant importance for InnEurope. As a consultancy firm specializing in European projects, engaging in initiatives like MODERATE allows us to stay at the forefront of emerging trends in both the construction and technology sectors.

This collaboration provides us with the opportunity to be involved in a pioneering project that leverages cutting-edge technologies in its sector and not only enables us to contribute to the development and implementation of innovative solutions at a local level but also facilitates connections and collaborations on a European scale, thus strengthening our network of partners across the region.

We expect our participation in MODERATE to yield tangible results on various fronts.

Another important milestone as exploitation leaders has been the SANDMAN project, completed a few months ago. Its main objective has been to implement a novel, modular, configurable, and intelligent solution for data insights creation, and condition-based maintenance of pipes used in hydraulic networks.

Firstly, we anticipate gaining valuable experience in implementing state-of-the-art technologies within the construction sector, enabling us to offer more specialized and high-value services to both existing and potential clients.

Additionally, we foresee MODERATE providing us with opportunities to establish strategic partnerships with other leading European organizations in technology and construction, thereby allowing us to expand our network and access new markets and business opportunities throughout Europe.



I: Could you explain the significance of creating synthetic time series data within the context of the MODERATE project?

LRB: As MODERATE exploitation leaders, it seems to us that creating synthetic time series data addresses the challenge of acquiring high-quality datasets for analysis and decision-making providing a valuable resource for testing and validation, aligning with potential end-users' objectives. By synthesizing time series data, we augment existing datasets or fabricate entirely new ones that closely emulate real-world scenarios. This resource proves invaluable for researchers, developers, and stakeholders engaged in European projects, providing them with a comprehensive repository for testing, validation, and subsequent exploitation.

Moreover, synthetic data generation contributes significantly to ensuring compliance with European data protection regulations, a critical aspect in the exploitation phase of European projects. By generating representative datasets devoid of sensitive or personally identifiable information, we safeguard data privacy and security, aligning seamlessly with the stringent requirements mandated by European regulatory frameworks.

Furthermore, synthetic time series data generation catalyzes the refinement and optimization of machine learning and artificial intelligence algorithms, pivotal components in the exploitation of European projects. Through training these algorithms on synthetic data mirroring real-world conditions, we enhance their accuracy, robustness, and generalization capabilities. This augmentation, in turn, facilitates the development of more efficacious and dependable solutions for building performance analysis and optimization, crucial objectives within the framework of European projects.

I: As a marketplace for building datasets and open-source data-driven services, the MODERATE project offers a unique opportunity for innovation in building performance monitoring through data-driven solutions. From InnErope perspective, what do you see as the most important innovation that the project will offer?

LRB: The most important innovation offered by the MODERATE project is the creation of an open platform that integrates cutting-edge technologies such as AI, ML, blockchain, IoT, and synthetic data generation in the construction sector. This platform will enable users to analyze real-time data from buildings across multiple systems and performance dimensions, representing a significant advancement in how building performance is managed and optimized.

The impact on the market will be considerable. Firstly, by providing open access to building data and offering open-source services based on that data, MODERATE will facilitate collaboration and innovation across the construction industry. This will open up new business opportunities for companies developing data-driven solutions for building performance control.

Furthermore, by leveraging synthetic data generation techniques and sharing open data, MODERATE will enhance the reliability of services and the accuracy of the solutions offered.

This will have a direct impact on the operational efficiency of buildings, enabling owners and managers to make more informed decisions and optimize the performance of their real estate assets.

From InnEurope, the differentiating factor and what we believe is worth highlighting about MODERATE is the creation of an open platform that democratizes access to building data and fosters innovation in data-driven solutions for building performance control. This will transform the way buildings are managed and deliver tangible benefits for both end-users and companies in the construction market.





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