



SEINERGY LAB

POLE OF INNOVATION, TRAINING AND EXPERIMENTATION ON ENERGY TRANSITION AND TERRITORIES OF TOMORROW

SEINERGY LAB, created on the initiative of the City of Mureaux and the EPAMSA, is a new pole of collaborative innovation on energy and territories of tomorrow.

SEINERGY LAB gathers and crosses the viewpoints of the different actors of the sector, or in the territory of « Grand Paris Seine et Oise », and therefore profits of an exceptional ecosystem shared expertise and means supporting innovation and experimentation.

INNOVATIONS

- Seinergy Lab is an innovative support process of all the territorial actors.
- Its collaborative governance, original, is a product of its genesis and a key of smart collaboration of several actors which build together projects through two fields of strategic activities: territory of tomorrow (by setting up experimentation and demonstrator, analyzing energy territories data) and the talents of tomorrow (pedagogic innovation)
- The Head office is a technical innovation which brings together unique experimental equipment: an apartment, a chamber and demonstrators about electro-mobility, energy storage and self-consumption. This tool is also a social innovation and pedagogic support in raising students' skills, citizen as well as professionals.

KEY DATA

- 3 years of existence
- 40 public and private members
- A strong territorial inking, expansion: city of Mureaux in 2013, to the territory « Grand Paris Seine et Oise » in 2016 (73 municipalities and more than 400,000 habitants and 500 km²), and to Vexin Regional Nature Park
- An unique experimental apartment supplied by 9 energy sources
- 10 projects carried out and about fifteen ongoing

STAKEHOLDERS

- SEINERGY LAB forms an ecosystem of 40 public and private members divided into 3 colleges: public administrations, territories and institutions; research and educational establishments; companies with industrialists, SMEs and architects.
- The governance is based upon their collaboration:
 - each college holds 6 seats on the board of directors;
 - each college is represented in the office, but also in the Scientific and Ethical Council set up in 2016;
 - the actions of the innovation platform are divided into two strategic domains of activity (DAS) which was chaired and managed by a duo, elected member and mission head.

IMPLEMENTATION

- ▶ SEINERGY LAB is the result of two years of work with representative from each of the colleges, constituting today its eco-system. Each year, new partners adhere extending the field of expertise and possibilities. The fact that it's a territory project strongly supported by the local elected officials is a strong facilitating factor.
- ▶ 2013 • Creation of the association
- ▶ 2014 • First studies and demonstrators
 - PIA laureate for the projet « ACTES » about pedagogic innovation
 - Delivery date of the headquarters building
- ▶ 2015 • Selected to a call for projects TEPCV with the City of Mureaux
 - Delivery of the experimental and pedagogical equipment, and inauguration
 - Appointed to the trophies of the « Grand Paris », in the energy transition category at the Smart City Forum
- ▶ 2016 • SEINERGY LAB recognised as being an operational tool of the UC GPS&O, created in 1st January 2016.

François GARAY,

Mayor of the City of Mureaux,
Vice-President of higher education,
research and innovation of the Urban
Community (UC) of « Grand Paris Seine &
Oise » and President of SEINERGY LAB.



“ At the dawn of the 21st century, the Seine Valley needs to become the valley of energy efficiency, intelligence and mobility. Universities, companies, territorial authorities, each must make its contribution and know-how. This is why we wanted to launch this platform, to be the energy laboratory of the tomorrow's city. ”

RESULTS

/// This place shows a picture of modernity and innovation, especially for the younger generations. It's an opportunity to generate development projects of major companies, to attract start-ups (in linked or not to higher education establishment), to encourage vocations, to increase competences of actors, to relocate activities and to increase the quality of life and attractiveness of « Grand Paris Seine & Oise ».

/// Therefore, the project has already allowed the creation of 4 jobs in the association, the rapprochement of 40 members with different backgrounds, the emergence of 10 collaborative projects, the involvement and support of 8 SMEs, but also raise awareness, information and the formation of almost 2,000 visitors, 200 students and around thirty teachers.

/// **Recognition at professional and institutional level of SEINERGY LAB.**

/// Mentioned among the 10 reference initiatives, in terms of territorial innovation, in a report from the Minister of Decentralisation.



FINANCIAL DIMENSION OF THE OPERATION

/// An annual budget of 500,000 € to fund the association (activities and equipment).

/// A similar amount is provided by the SEINERGY LAB partners (funding of equipment and contributor's time).

KEY FIGURES

- 1.5 million euros in restoration works, founded by Regional Council of Ile-de-France (650,000 €) and FEDER and the city of Mureaux (475,000 €)
- 700,000 € invested in technological equipment
- 10 institutional and financial supports (see logos on the right)



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