



Deliverable After-LIFE Plan

LIFE18 project GIC/FR/001196

Title: MaPerEn / Energy performance management, the driving force behind new governance

Project duration: 36 months initially - extended to 48 months

Project budget:: €2,076,600

Coordinating beneficiary: Institut Catholique de Lille

Associated beneficiaries: Junia, Lille Métropole Habitat, City of Lille

Reminder of the project and its actions

The aim of the MaPerEn project is to reduce energy consumption in buildings of different types by means of devices designed in collaboration with the users of these buildings. The aim is to involve building users in implementing energy-saving measures. The project aims to reduce energy consumption by 9%. Action C1 aims to design a common reference system for analysing all the buildings in the project. Action C2 involves collecting all consumption data and developing a centralisation tool. Action C3 is based on setting up a collaborative platform to disseminate projects dealing with energy performance management. Action C4 is based on holding creativity sessions aimed at devising energy performance management systems based on the partners' experiences. Action C5 consists of testing the systems devised by users in order to determine which will be deployed on a large scale. Action C6 aims to formulate recommendations for decision-makers. Finally, action C7 aims to disseminate the lessons learned from the project to users, decision-makers and members of the technical services, in particular through the collaborative platform, and thus to have an impact on local climate policies.

Summary of results at the end of the project

The project will reduce energy consumption by 12% and greenhouse gas emissions by 20.6% between 2019 and 2022. In addition, it appears that building users are becoming increasingly vigilant about energy consumption, both in the workplace and at home, and that their behaviour has evolved positively in terms of adherence to eco-actions. All the tools developed and the recommendations made to decision-makers are essential to the development of organisational strategies and public policies.

Objectives and methodology of the After-LIFE plan

The continuity of the LIFE MaPerEn project will be based both on the continuation and expansion of the systems put in place by each member of the consortium, and on actions that will perpetuate the collective and extend it to other players and other sectors of activity.

The objectives of the after-life plan are as follows:

- Improving the energy performance of buildings
- Strengthening energy performance management
- Co-constructing the CSR policy with end users (environment, energy, climate, water, biodiversity, inclusion, etc.)
- Helping to build the intelligent city of tomorrow in conjunction with the MEL and the city of Lille.
- Promote, both internally and externally, the methodology that fosters integrated, user-centred governance.

Objectives	Actions	Impact	Beneficiary(ies) responsible	Period	Funding to be applied for
1. Improving the energy performance of buildings and reducing greenhouse gas emissions	ICL: implementing the commitments of the Grenoble Accord, signed on 8 February 2022. The Grenoble Accord commits higher education institutions to the socio-ecological transition, in terms of training in socio-ecological issues, research, openness and inclusion, and environmental management of the campus. On this last point, there is a commitment to "monitor and publish its carbon footprint" and "reduce greenhouse gas emissions by 30% for the period 2028-32 compared to the period 2018-22".	Reduction in greenhouse gas emissions / campus user	ICL	2022-2032	Shareholders' equity
	ICL: Implementation of a carbon trajectory with a section dedicated to buildings and energy use, aiming to reduce emissions by 40% between 2019 and 2030.	Reducing GHG emissions	ICL	2022-2030	Shareholders' equity
	Junia: Connection of buildings to the district heating network, insulation work on roofs and joinery, improved control of building equipment thanks to automation, rationalisation-	Reducing consumption, decarbonising building heating	Junia	2023-2030	Own funds ERDF EEC

	mutualisation of equipment in practical work rooms and laboratories, awareness-raising initiatives for all new entrants (both employees and students).				
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Objectives	Actions	Impact	Beneficiary(ies) responsible	Period	Funding to be applied for
2. Strengthening energy performance management	Maintaining the project website, keeping the online collaborative platform alive and adding new projects, developing the use of the Intent technical platform to produce recommendations.	Disseminating and sharing knowledge	ICL + Junia	2024-2026	equity
	ICL and Junia: Deployment of the ODDyssée online educational platform dedicated to socio-ecological issues (climate - biodiversity - energy and resources - economy - society) and promoting a systemic approach based on the SDGs.	Skills development	Junia	launch November 2023	equity
	ICL: University Diploma in Energy Performance Management	Skills development	ICL	2024 ->	equity
	Ville de Lille: CNFPT training courses with Ville de Lille (Centre national de la fonction publique territoriale)	Skills development	City of Lille	2024 ->	
	Lille City Council: recruitment of an energy efficiency officer to manage and roll out the energy correspondents scheme, bring the energy efficiency plan to life and implement new initiatives in this area (including usage diagnostics).	Accelerating change	City of Lille	early 2024	equity
	City of Lille: Generalisation and extension of the energy and water correspondents scheme. The tasks of the energy correspondents will be extended to cover indoor air quality issues, which are closely linked to energy issues.	Accelerating change	City of Lille	2024-2026	equity
	ICL: Organise a MaPerEn ceremony each year (the first took place on 14 June 2023). This annual meeting enables each partner to share its progress in terms of energy performance management and to explain any problems encountered and solutions found.	Capitalisation and dissemination	ICL	2023-2030	equity
	ICL: Deployment of recommendations to decision-makers: companies, elected representatives, higher education, etc.	Impacting policies and strategies	ICL	2023-2030	equity

	LMH: Support for tenants after renovations to avoid the rebound effect and when they move in, to help them get to grips with the technical devices in their homes.	Accelerating change	LMH	2023-2025	equity
	LMH: General awareness-raising programme for LMH residents to give them all the tools they need to optimise and reduce their consumption without losing comfort.	Accelerating change	LMH	2024->	equity

Objectives	Actions	Impact	Beneficiary(ies) responsible	Period	Funding to be applied for
3. Co-construct the CSR policy (energy, environment, climate, etc.) with end users.	ICL: Implementation of the Vision 2030 strategy, particularly in the "Inventing the living, sustainable and participative campus" project: carbon trajectory, student commitment, learning campus, co-development of solutions. Vision 2030 is the ICL's strategic development project for 2030, drawn up in 2023 and 2024. Through the living, sustainable and participative campus, it incorporates the objective of involving everyone in sustainability, including the carbon-climate aspects.	Taking ownership of climate issues and tools	ICL	2023-2030	equity
	ICL: The Catholic University of Lille is accredited to attend COP climate conferences as an observer. Students were mobilised during COP 28 for a negotiation simulation, with a view to participating in COP 29 in November 2024 and anchoring this dynamic in subsequent years.	Taking ownership of international climate issues	ICL	2023-2030	equity

Objectives	Actions	Impact	Beneficiary(ies) responsible	Period	Funding to be applied for
4. Helping to build the intelligent city with the City of Lille and the Lille European Metropolis	Continuation of the consortium / ICL + Junia + City of Lille + student association: Creation of the Local Alliance "Agir Ensemble", a mechanism set up by the AVUF (Association des villes universitaires de France). The Lille Alliance, launched in 2023 following meetings prior to the drafting of action C6, was officially recognised at the Agir Ensemble meeting on 30 November and 1 December 2023 in Paris, which the ICL attended. This local alliance involves the Institut Catholique de Lille, Junia, the student	Reducing GHG emissions Accelerating change Dissemination	ICL	2023->	equity

	<p>association "Le Caribou" and the City of Lille, and may be extended to other local partners. It is linked to another application, that of the City of Lille for the UNESCO Learning City label, involving the universities.</p> <p>Four actions will be implemented by the local Alliance Agir Ensemble:</p> <ul style="list-style-type: none"> - Action 1: continued deployment of energy performance - Action 2: organisation of events and actions targeting students - Action 3: communication and dissemination of information - Action 4: extension of the alliances to other players. 				
	<p>Continuation of the consortium / ICL + Junia + City of Lille + University of Lille: "Incl'Univ" research project on "mobilisation and inclusion in the ecological transition of universities", led by the Ethics, Technologies & Humanities Chair of the ETHICS laboratory (EA 7646). The project is funded by ADEME and involves the Institut Catholique de Lille, Junia, the City of Lille and the University of Lille. Based on a study of four recently refurbished buildings, the aim is to analyse the way in which users have been invited to take part in defining needs and therefore the technical solutions deployed, particularly with regard to energy, and then to study the levers and obstacles to their involvement in the energy performance of the buildings. The four buildings are the RIZOMM for the Institut Catholique de Lille, 13 rue de Toul for Junia, the Sciences Po Lille building for the City of Lille, and the Roubaix IUT for the University of Lille.</p>	Capitalising on and developing knowledge	ICL	2023-2025	ADEME own funds

Objectives	Actions	Impact	Beneficiary(ies) responsible	Period	Funding to be applied for
5. Promote internally and externally the methodology for integrated, user-centred governance	ICL: Sharing the methodology and recommendations with all the establishments of the Université Catholique de Lille, as part of Live TREE, a joint energy and societal transition programme.	Dissemination	ICL	2023-2030	equity
	ICL: Sharing the methodology and recommendations with the Hauts-de-France Region, as part of the Rev3 (Third Industrial Revolution) initiative, for deployment in buildings belonging to the Region, in particular secondary schools.	Dissemination	ICL	2024	equity

	ICL: Transfer of the collective dynamics methodology to water and biodiversity management on campus	Dissemination	ICL	2024-2026	equity
	ICL: Transfer of the methodology for EURO-TELL, an ICL-Université Polytechnique des Hauts de France project that won the FRANCE 2030 EXCELLENCE call (national recovery and resilience plan - PNRR), as part of a holistic approach involving teacher-researchers, companies, students and citizens, with the aim of producing technological and social innovations with a strong societal impact.	Dissemination	ICL	2024-30	National financing - own funds
	ICL : : Offering expertise dedicated to leading a co-construction process with stakeholders, end-users and citizens as part of European and national collaborative projects. Horizon Europe programmes identified : - HORIZON-CL5-2024-D1-01-05 Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement. A co-creation approach is expected with various stakeholders from the private and public sectors linked to climate change to ensure that the results produced remain relevant to their end users. - HORIZON-CL5-2024-D4-02-04 Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership). This call aims to enable construction and renovation that incorporate the principle of extending the life of buildings and facilitate adaptability to the changing needs of users. - Contribution to the activities of the Horizon Europe co-programmed European partnership on "a people-centred sustainable built environment" (Built4People). The aim of this partnership is to produce a holistic innovation for sustainable transformations involving behavioural changes for the building industry.	Dissemination	ICL	2025-2027	National and European funding Own budget

	<p>ICL :: Involvement of the ICL in the New European Bauhaus (NEB) dynamic, which is a creative and interdisciplinary initiative that aims to build a sustainable, inclusive and aesthetic future for all European citizens. The ICL's involvement in the NEB dynamic can take various forms:</p> <ul style="list-style-type: none"> - Mobilising the European programmes supporting the initiative (Life, Creative Europe, Erasmus +, Horizon Europe). - Apply to become a partner. - Apply for the 2025 European prize. - Participate in events (for example, the Festival of the New European Bauhaus which will take place from 7 to 21 April 2024). 	Dissemination	ICL	2025-2030	Own budget European funding
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	Pers - FTE per year	Pers - amount	Equipment	Missions and events	External assistance	Total € for the year
Objective 1	12%FTE	90500	553000			643500
Objective 2	340%FTE*	717000		10500	313500	1041000
Objective 3	14%FTE	90000		7000		97000
Objective 4	7%FTE	306500		6900		313400
Objective 5	325%FTE*	628500				628500
Total		1832500	553000	18400	313500	2723400
External funding		496000	255000	3000		754000
*: this includes recruitments if we obtain external funding						



Buildings included in the "Incl'Univ" research project



Science Po Lille - City of Lille



IUT de Lille - Roubaix - University of Lille



