University of Liège

Location	Liège, Belgium
Beneficiary	Le Patrimoine de l'Université de Liège, consisting of the University Hospital of Liège and the University of Liège
Member of Covenant of Mayors Initiative	✓
Contribution	EUR 1,500,000
Project development services financed by eeef	• Establish a detailed global energy audit to identify actions leading to potential estimated energy savings for heat consumption about 50% and a total reduction in CO_2 emissions of at least 24% • Completing energy audits for each of the 15 selected buildings: a present pre-feasibility study helps to check that improvements satisfy EEEF requirements inside feasible costs. The audit of each building will position the optimal level of intervention that will be described in detailed works to be done on envelope and/or systems, and will give the technical specifications to be used in call for tenders • Expert legal and financial assistance (if not in the legal department of the university) to organise the public markets of works • Design technical requirements and technical specification that will be included in the public procurement and identified during the energy audit (based on the identified actions leading on potential energy savings)
Timeframe for TA	expected to be completed by June 2018
Description of the envisaged investment programme	Retrofitting of 15 energy-intense buildings on the Sart Tilman campus of the University and the Hospital, representing 65.5% of the global energy consumption and indoor and outdoor lighting network (approximately 1,000 lighting points). After this pilot project, the retrofit of the remaining 85 buildings will be done.
Investment required	expected investment of EUR 30m
Expected results	Energy savings to be achieved (kWh) : - Indoor & outdoor lighting: 3,703,000 kWh - University buildings: 29,853,000 kWh Total: 33,556,000 kWh • Greenhouse gas emissions reduced/avoided in CO2eq: Total: 3,201,000 kg CO_2 • Jobs created/sustained: - Project preparation/management: 3 FTEs - Project operation (first scenario): 300 FTEs
eeef's support for the investment programme	eeef could at least finance EUR 5m from the investment programme