

Associate Professor in **Smart Cities**
Holder of the industrial chair
"Smart Buildings as nodes of Smart Grids"



Yncréa Hauts-de-France, a non-profit higher education group founded in 1885, trains engineers in more than 50 sectors: construction, IT, electronics, mechanics, energy, chemistry, medical technologies, robotics, agriculture, foodtech, finance, entrepreneurship...

With more than 4000 students enrolled in HEI, ISA and ISEN engineering graduate schools, over 400 employees, a network of more than 27,000 alumni, campuses in Lille, Châteauroux, Nîmes, Rabat (Morocco), two partner schools ISEN Brest and ISEN Toulon, Yncréa Hauts-de-France is a leader in engineering education in Europe: more than 300 partnerships with international universities, more than 2,500 business partnerships. Yncréa Hauts-de-France carries out 3 main activities: training, research and transfer / expertise to the economic world and is recognized for its know-how in innovation and transdisciplinary approaches to management and technology.

Yncréa Hauts-de-France invites applications for a fulltime permanent position (starting January 2018) in "**Smart Cities**" at the Associate Professor level.

Yncréa Hauts-de-France is setting up a business chair (Smart Buildings as Nodes of Smart Grids) bringing together more than ten companies of all sizes and sectors around the Smart City theme. This chair is based on a diversity of competences both within Yncréa Hauts-de-France (Electrical networks, Materials, computer networks, artificial intelligence, IoTs, etc.) and within the partner companies of the chair. The research is part of a demonstrator on the scale of the Catholic University of Lille and the Vauban district in Lille, supported by the European Metropolis of Lille and the Hauts-de-France Region. This demonstrator has the distinction of being located in the city center and integrating the private university domain and the public domain of the district Vauban.

In this context, Yncréa Hauts-de-France is recruiting an Associate Professor in the field of Intelligent Buildings as the holder of this Chair. He or she will be responsible for leading the Chair, coordinating the various research projects within the Chair, and developing a research activity related to the Chair's theme. He / she is also expected to contribute to graduate education in the Smart-City area (Initial / Continuing Education), in particular contributing to the Master programme "Smart Cities" taught in English. This master is structured around Building Science and Sustainable Urbanism, and includes project work at the building or neighborhood level. Teaching could include courses on Urban engineering, BIM and CIM, Urban metabolism and life cycle assessment.

Applicants should hold a PhD degree in a field related to the proposed research. Holding an HDR would be a plus. They are expected to have a completed postdoctoral stay or equivalent experience in a company or in a similar position.

Applicants should

- be fluent in English as a working language in both research and teaching.
- show ability to lead a team.
- have an international experience.
- have participated in multilateral project (s) with industry or academia.
- demonstrate a "client" orientated attitude.

Experience with BIM tools would be a plus.

Full-time, permanent position, based in Lille, with salary according to level of experience.

For inquiries related to this position, candidates are invited to contact Andreas Kaiser, Innovation & Research Director Yncrea (andreas.kaiser@yncrea.fr) or Benoît Robyns, HEI Director of Research (benoit.robyns@yncrea.fr).

Please send applications to recrutement.hautsdefrance@yncrea.fr