



Climate Economics Chair Internship Offer

Obstacles and levers of the spreading of low-carbon buildings in France

In France, the building sector is the principal producer of CO₂ emissions. Current energy efficiency public policies do not take into account emissions produced along the buildings' cycle of life (construction, use and deconstruction), which represent an important part of the carbon sector footprint. The national pilot program E+C-, which promotes "positive-energy and low footprint buildings", aims to constitute a response to that problematic. The association BBKA developed the first benchmark to measure the building sector's carbon footprint along the three life phases of collective buildings and offices. In this context, the Climate Economic Chair is looking for an intern who would help studying the obstacles and action-levers to the spreading of low-carbon buildings in France.

Missions

- Give a clear picture of the spreading state of low-carbon buildings (BBC) in France for the new and the refurbished buildings
- Inventory of the main action-levers and the acting scales (life cycle phases, building materials, systems & technologies that can be mobilized)
- Analysis of the economic obstacles to the BBC diffusion. Analysis of the additional costs induced by the construction/refurbishment of a low-carbon building.
- Analysis of the organizational obstacles to the development of the low-carbon buildings over the building life cycle (state of development of the industry and of the technologies involved, etc.)

The stage uses data provided by E+C- or coming from different partners (Association BBKA, CSTB). Additionally, interviews with consumers and contracting authorities labelled BBKA could be organized.

Profile

This position is aimed at master students and engineering students in the fields of economy/energy/environment. The candidate must be autonomous, have good organizational skills, and the ability to work with interlocutors of the Chair. Skills in computer's software and tools as well as econometrics knowledge are recommended. A personal interest in the fields of the economics and climate change is an asset. This internship can lead to a thesis project within the Chair.

Duration: Starting March-April 2019 for a 6 months period

Place : Chaire Economie du Climat, Palais Brongniart, 28 Place de la Bourse, Paris

Salary: 90% SMIC

Contact: Cover letter and CV claire.berenger@chaireeconomieduclimat.org

Indicating the internship name's offer (only 2 applications maximum on all CEC internships offers)