

INTERNSHIP OFFER (2 positions)

LEAN DATA PROJECT ON DECENTRALIZED ELECTRICITY within the CoSMMA project: Collaborative Smart Mapping of Microgrid Action

MISSION

Within a research project on decentralized electricity, the intern will be in charge of the following duties:

- Contact a list of researchers in order to complete unknown information from their published research papers on electrification projects;
- Obtain precise information from contacted researchers;
- Transform information into data and collect data that will be ultimately loaded into a large STATA dataset

HUMAN RESSOURCE

Skills :

- Fluent English
- Good command of French
- Third native language would be an advantage
- Strong knowledge and application of quantitative economic research methodology
- Good understanding of econometrics and its contribution in research papers
- Knowledge on sustainable development
- Knowledge about research questions on electricity and development would be appreciated
- Excel and Stata
- Very good presentation, courtesy and diplomacy
- Focused and persistent

Expected tasks:

- Training on CoSMMA project :
 - o Learning on CoSMMA objectives and expected deliveries from internal bibliography
 - o Learning on meta-base definition, collection process and organization
 - o Attendance in a research workshop
 - o Drafting of workshop action report
 - o Training on data collection and data quality
- Lean data collection process:
 - o Contacting and reminding authors
 - o Receiving and checking information
 - o Transcoding information and collecting into meta-base under team manager supervision
 - o Additional data quality control tasks

Profile :

Master student with excellent quantitative background and specialization in development economics

Position :

Hierarchical with Ferdi

Functional with CES

Location:

Paris or Clermont-Ferrand

Potential trips between Paris and Clermont-Ferrand for meeting and supervision duties

Duration:

preferably 1st June – 30th November

Payment:

French legal compensation for internship

Meal tickets

Half cost of public transportation pass (Paris only)

Application: send letter of application, cv and M1/M2 transcript of records by 8th May, 2018, to jc.berthelemy@gmail.com

PROJECT DESCRIPTION AND FRAMEWORK
--

The CoSMMA project is a bank of knowledge and information that aims at supporting best practices of decentralized electrification activities, by :

- *providing a tool for comparison and evaluation of implemented projects, in order to sustain the scalability of best solutions, for use by any public or private stakeholder ;*
- *developing a collaborative database for impacts evaluation of decentralized electrification ;*
- *delivering a support to research on electricity impacts on people and environment.*

Building a collaborative database of projects and impact measurements will be at core of CoSMMA : it will support both the data collection and a dynamical restitution of practices in decentralized electricity. This database will include standardized indicators of impacts, projects characteristics, and referral documents of projects evaluations.

Descriptive sheets and performance measurements of projects, datasets as well as referral evaluation and regulation documents will be interactively delivered to electricity developers, funders, and researchers or evaluators. Projects leaders will upmost benefit from this expertise, and will have the opportunity to access to similar projects design, while also contributing to the sector knowledge by dropping off their own data.

A first prototype gathers the effects observed and evaluated by research articles. CoSMMA project turns now to a new phase that will set up the state-of-the-art framework of relevant indicators.