



## Partner proposal

Date (19-03-18)

- (\*) **Relevant topic in work programme**

- [LC-SC3-CC-6-2018 Transition in coal intensive regions](#)  
**Economics, more precisely Energy Economics.**

- **Quick description of the project**

**Université de Lorraine**, more precisely **BETA (Bureau d'Economie Théorique et Appliquée)**, is interested in projects that look for an **economic expertise and perspective**, with a particular interest in **energy transition**, impacts of energy in the real economy (**GDP, employment, consumption**) and impacts on prices (energy prices / domestic inflation).

- (\*) **Description of the expertise proposed (up to 1000 characters)**

BETA has a strong macro-economist specialized expertise in Energy. It is specialize in the construction and estimation of DSGE (dynamic stochastic general equilibrium) models, which are widely used for policy analysis, especially in Central Banks. With those models it's possible to study the impact of oil price shocks in GDP growth, unemployment or inflation. BETA is currently working in a model that includes a renewable energy producer sector in order to evaluate the impact of an energy transition from a fossil dependent economy towards a clean one in the macroeconomic aggregators: GDP, hours worked, inflation. The objective of this kind of models is also to assess the transmission channel of these changes in order to better prepare the economy to respond.

- **Keywords describing the expertise requested (up to 10 words)**

- **Macro-economy, DSGE, policy analysis, energy economics, energy transition**

### Organisation information

**Organisation and country:**

Université de Lorraine – Bureau d'économie théorique et appliquée (BETA) - France

**Type of organisation:**

Enterprise  SME  Academic  Research institute  Public Body  Other: Association

**Former participation in FP European projects?**

Yes  No

**Web address:**

<http://www.univ-lorraine.fr/>

**Description of the organisation:**

With more than 3,700 teaching and research faculty and approximately 56,000 students, including nearly 8,000 foreign students, the Université de Lorraine (UL) is one of France's largest multidisciplinary universities. Its location in the heart of Europe, with borders on three European member states (Germany, Belgium and Luxembourg) offers to UL a privileged position for strong international partnerships.



[BETA](#)

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**(\*) –Mandatory**