

## POST-DOCTORANT Projet NOBEL – 18 months

### Description of employer

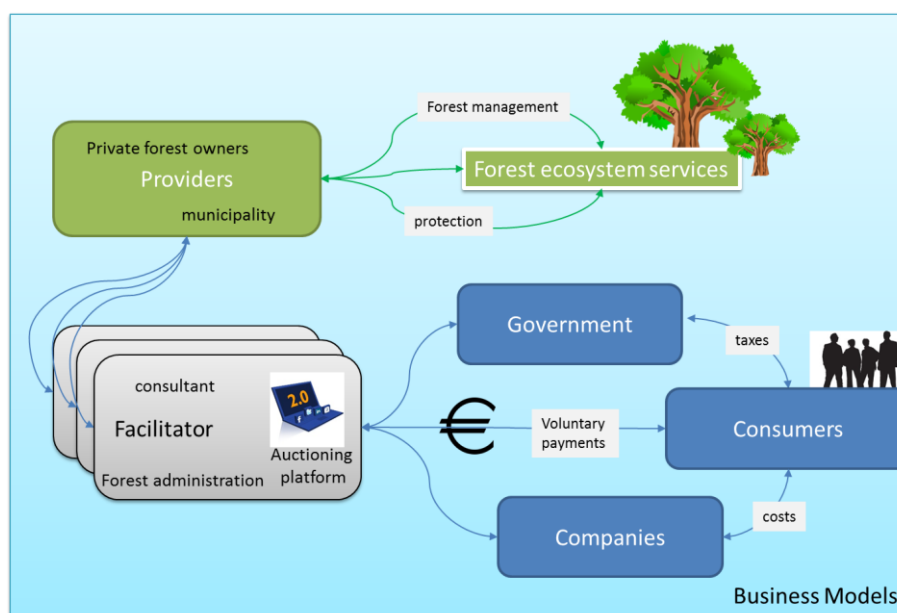
As the leading agricultural research institute in Europe with nearly 8,500 researchers, engineers and technicians, and the 2nd largest in the world for its publications in agricultural sciences, INRA contributes to the production of knowledge and innovation in food, agriculture and the environment. The institute deploys its research strategy by mobilizing its 13 scientific departments and relying on a network unique in Europe, with more than 200 research units and 50 experimental units located in 17 regional centres. The ambition is, from a global perspective, to contribute to ensuring healthy and high-quality food, competitive and sustainable agriculture and a preserved and enhanced environment. The research centre INRA Grand Est has more than 400 agents working in 17 units located in Alsace, Champagne-Ardenne and Lorraine. Grand Est-Nancy Research Centre (<http://www.nancy.inra.fr/>).

### Description of the project NOBEL :

The project *Novel Business Models and mechanisms for the sustainable supply of and payment for forest ecosystem services* (NOBEL) is a Forest Value project (2019-2022). The French part of the project is financed by ANR. The objectives of NOBEL are to:

- i) assess marketable and non-marketable forest goods and services and develop strategies for their sustainable provision
- ii) develop business models and mechanisms to internalise the socio-economic value of forest ecosystems
- iii) combine public policy tools with business models for implementing payments for forest ecosystem services
- iv) demonstrate and compare alternative approaches for payments in 5 pilot demonstrations in Europe

The project is coordinated by University of Natural Resources and Life Sciences, Austria and involves in total partners from 7 European Countries



## **Description of post doc project**

### ***Objective***

To establish a market place (e.g. a web-based platform) which can bring together interested consumers of environmental services (individuals or companies) and sellers for these services (forest owners).

### ***Tasks***

- Surveys on consumers' preferences for the supply of environmental services from forest ecosystems services *and* forest owners attitude to the creation of markets for ecosystem services and potential participation in such markets
- Design of auction designs based on previous experience (e.g. Rabotyagov et al. 2013)<sup>1</sup> and in interaction with stakeholders
- Laboratory and/or field test of auction designs

### **Requirement**

A phd degree in economics or similar

### **Required skills**

- Environmental economics and/or Experimental economics
- Empirical economics/micro-econometrics
- Capacity to work with partners from other disciplines (ecology, policy science, forest management)
- Fluent in English (and in French as far as possible))

### **It is an advantage if the candidate has experiences with**

- Surveys and/or experiments
- GIS and spatial analysis
- Ecosystem modelling
- Economic valuation of ecosystem services
- Forest economics
- Knowledge of German, Spanish, Portuguese, Swedish, or Norwegian

**Remuneration:** Gross salary: € 2516 /month

**Duration:** 18 months from October 2019

**To apply:** An application letter, a CV and a copy(s) of diploma(s) must be sent in electronic format to Anne Stenger, INRA BETA, anne.stenger-letheux@inra.fr by September 25, 2019. For more information: Anne Stenger (INRA, BETA, Strasbourg): phone: 03 68 85 21 40 or Jens Abildtrup (INRA, BETA, Nancy) jens.abildtrup@inra.fr, phone: 03 38 39 39 68 64

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<sup>1</sup> Rabotyagov, S. S., Tóth, S. F., & Ettl, G. J. (2013). Testing the design variables of ECOSEL: A market mechanism for forest ecosystem services. *Forest Science*, 59(3), 303–321.