



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DEPARTMENT OF ECONOMICS



Position announcement

## **Pre-doc researcher in ‘Climate-related risks, sentiment analysis and sustainable finance’**

The Department of Economics of the University of Bologna is currently inviting applications for a pre-doc researcher position to work on ‘Climate-related risks, sentiment analysis and sustainable finance’.

### **Job description**

The postholder will participate to the activities of the SMOOTH research project (ERC Starting Grant 853050 - see description below), as well as the activities of other related research groups at the Department of Economics. We are looking for candidates working at the intersection between macroeconomics/finance and climate/environmental economics. The position will last one year, with possibility of renewal. The planned starting date is 1 November 2022. The gross annual salary is €19.456,30. The salary is exempt of taxation but subject to pension contributions. We expect the postholder to be based in Bologna. The knowledge of the Italian language is welcome but not a prerequisite.

### **Job qualifications and requirements**

The features of the ideal candidate include:

- A Master and/or Ph.D. in Economics, Statistics, Finance, Political Economy or any other field relevant to the call.
- Knowledge and experience in conducting research in the field of: i) climate economics and environmental sustainability; ii) macroeconomics and finance; iii) a combination of the two areas.
- Experience in employing statistical and econometric techniques for economic analysis.
- Knowledge and experience in text analysis and sentiment analysis, especially if applied to sustainable finance topics.
- Experience in employing programming software for economic and econometric analysis (e.g. Matlab, R, Python, Stata and similar software).
- Experience with working as part of a project team.
- International work and study experience.
- Excellent ability in writing and speaking in English.

### **SMOOTH project**

The aim of SMOOTH is to study the dynamic links between macro-financial systems and the transition to a low-carbon society, and to contribute to the design of policies directed at achieving a rapid and smooth decarbonisation. The project is composed of three main areas of

work: i) the study of how expectations, sentiments and cognitive biases affect the carbon intensity of physical and financial investments; ii) the analysis of drivers, transmission channels and macro-financial impacts of transition risks, with a focus on physical and financial stranding risks; iii) the study of the governance and political economy implications of a low-carbon transition, with a focus on the role of central banks and financial regulators.

SMOOTH started in September 2020 and will last five years. It is conducted by an international interdisciplinary research team at the Department of Economics of the University of Bologna, in collaboration with the Milano-based RFF-CMCC European Institute on Economics and the Environment. For more information on the project, please visit: <https://site.unibo.it/smooth/en>.

### **University of Bologna**

The [University of Bologna](#) (UniBo) is the oldest university in the world and regularly features among the top international academic institutions. With 33 departments and a population of 85,000 students from Italy and abroad, it is among the largest universities in Europe. Its main campus is based in Bologna, a vibrant city with a high quality of life and world-class social services. Bologna has a large airport and is connected to the high-speed railway network. The [Department of Economics](#) (DSE) of UniBo is a leading academic institution in several fields of economic research, with a large and expanding environmental economics cluster. The DSE is also a founding member of the Research Institute on Global Challenges and Climate Change ([Alma Climate](#)). Both UniBo's [International Desk](#) and Emilia-Romagna region service [it-ER](#) offer information and support to incoming international students and staff.

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