



UnitelmaSapienza

Università degli Studi di Roma



The **Bioeconomy in Transition Research Group (BiT-RG)**, at Unitelma-Sapienza University of Rome is involved in research concerning the emergence of a circular and bio-based economy relying on the use of renewable resources for the production of novel products for various applications. Core areas of investigation pursued at BiT-RG include:

- Economic and sustainability assessments within the sustainability transition framework;
- Consumers behaviours and market assessment studies;
- Innovation studies and social network analysis;
- Environmental and Social Life Cycle Assessment (E-LCA and S-LCA);
- Policy and regulation analysis through system dynamic and agent-based modelling.

We are hiring a Postdoctoral Researcher to collaborate on an exciting and challenging Horizon Europe new project

Job description

The position is related to the Horizon Europe project SUSTRACK. The successful candidate will closely collaborate with the BiT-RG researchers as well as researchers of partnering institutions involved in the HE projects. Relevant disciplinary fields include, but are not limited to, innovation studies, bioeconomy and circular economy.

Candidates should hold a PhD in economics, engineering, environmental sciences or related disciplines. Excellent academic record should demonstrate candidates' ability to publish in top-ranked journals in the field of science, technology and innovation studies or general interest journals. Comfort with both quantitative and qualitative methods is required. Candidates should be highly proficient in English. Women and academic minorities are particularly encouraged to apply.

Applicants should have prior experience in either one of the following areas: (1) Life cycle assessment, (2) Sustainability transition studies, (3) policy analysis. Candidates with an interdisciplinary background are highly welcomed.

Specific responsibilities include:

1. Contribution to the development of a monitoring framework to assess the benefits of the sustainable transition.
2. Involvement in case study analysis.
3. Contribution to the development of policy portfolio scenarios and system dynamic model simulations.
4. Supporting the action related to policy priorities and policy design.
5. Supporting project management and stakeholder engagement activities.
6. Authoring project reports and scientific papers for high-quality journals.
7. Travel. Occasional travel is required.



UnitelmaSapienza

Università degli Studi di Roma



Background information about the SUSTRACK project

SUSTRACK is a multi-disciplinary, collaborative project based on a participatory approach, involving diverse experts and stakeholders. The overall objective is to support policy makers in their efforts to develop sustainable pathways to replace fossil-based and carbon-intensive systems with circular, bio-based systems at EU and regional scales. SUSTRACK will select case studies that are facing critical challenges within the current linear system and requiring a sustainable transition to circular biobased systems most urgently. These case studies will be selected within the four most carbon-intensive sectors, identified in the Bioeconomy Strategy, as industrial sectors that are relevant for the decarbonization of the EU economy, specifically: construction, textile, chemical and plastic. The case studies will be exploited to assess the environmental, social and economic impacts of the sustainable transition, and will allow comparability of circular, bio-based versus linear, fossil-based production systems.

We offer a collaborative research atmosphere within an interdisciplinary team at a young and dynamic university, associated to the largest European Public university (Sapienza University of Rome). UnitelmaSapienza is located in the heart of Rome close to the main central station.

The annual salary is in the range € 35-40 k. While we offer a full-time position, part-time work or flexible work hours can be negotiated. The starting date is negotiable but no later than 01/09/2024. The position is for an initial period of 12 months, with the possibility of extending the contract.

We look forward to receiving your application (**by Friday the 14th of June 2024**) including a letter of motivation, CV, publication list and contact details of 3 referees. Applications should be sent as a zipped file to the following email address: alessandra.callari@unitelmasapienza.it