GNE FINANCE
High Impact Investments

Researcher – Position Description

Company: GNE Finance (Global New Energy Finance | www.gnefinance.com) is a specialty finance company based in Barcelona and Amsterdam that provides innovative financial and business solutions to both public authorities and private operators. The core business is on eco-sustainable home renovation financing, enabling homeowners to improve energy efficiency and quality of their homes. One of the exciting projects GNE Finance is focused on is bringing an innovative financing model called PACE financing to Europe.

We are an international, diverse, dynamic, passionate and nimble team focused exclusively on actionable financial solutions to boost the Energy transition, sustainability and climate resilience.

Role: Are you an experienced researcher interested in answering difficult questions? Are you passionate about sustainability? Do you have relevant experience in building performance and economic modelling?

We are looking for a mathematician or statistician interested in providing consulting and research services to develop an in-depth impact assessment study focusing on energy efficiency renovations and the market value of commercial buildings. You will be working with a team of building performance, financing, and policy experts from several leading European research institutes and organizations. It is a challenging effort that will entail several steps:

Evidence Collection: This will involve standard desk research covering existing databases and scientific literature to discern relevant evidence that investments in energy efficiency of buildings produce a benefit in the valuation of assets. If relevant, an analysis of grey literature, and interviews with innovative researchers should be conducted. Additionally, specific quantitative data from research projects should be collected. Your responsibility will be to fully manage this research effort and develop an analysis methodology.

Evidence analysis: The goal is to produce a financial modelling of valid and reliable quantitative estimates of energy efficiency renovations' impact on property's value and develop an estimate of potential benefits for the EU, supporting policy efforts to increase sustainable building renovation. This task could involve the following sub-tasks:

- Analyse quantitative benefits for several building scenarios
- Extrapolate gathered data to estimate potential benefits EU-wide
- Conduct a modelling exercise to ensure that different property types are represented

Summation of the Results: the final step involves producing a summary report outlining the benefits and explaining the results for both the scientific and policy audiences.

Preferred Experience and Knowledge

- Relevant academic qualifications, training and experience as a researcher, modelling and statistical studies.

- Experience in real estate market and buildings performance.
- A Master's degree in mathematics, statistics, or other relevant field.
- Deep knowledge of Excel, Word, PowerPoint and other software needed for modelling and very agile in its use.

Preferred Languages

- Professional command of Spanish and English.

Estimated time frame of the study: 60 days

Compensation: The position offers a competitive market-based compensation in line with experience and education of the candidate.

This study is part of a European Commission funded project developing a platform to better assess risks associated to energy efficiency investments in the real estate market. The overall goal of this platform is to promote investments in energy efficiency projects which will help reaching environmental, economic and social targets.

Learn more about the project by visiting www.EEnvest.eu.