Interested in working for a dynamic think tank supporting climate change action and sustainable energy policy in the built environment?

As a prominent think tank based in Brussels and Berlin, we are leading the conversation on buildings and climate, making the case for ambitious, human-centric policies that will bring the built environment in line with global and European climate objectives. This is a unique opportunity to work for a values-driven, multinational employer with a stellar reputation in Brussels and globally, who encourages creativity and diversity in our team.

At BPIE, we analyse which building policies really reduce CO_2 emissions, what innovative ideas can accelerate the transformation of the building sector and how governments, stakeholders and civil society can work together to make buildings fit for a sustainable, zero carbon future. We also provide advisory activities to the European institutions, policymakers in EU Member States and neighbouring countries, the scientific community as well as private sector stakeholders and civil society.

BPIE's team is a multi-disciplinary, enthusiastic and committed group who enjoys collaborating with international partners and has a result-oriented and analytical work culture in a trustful and open-minded atmosphere.

We are growing our team in Brussels and are offering an exciting opportunity.

Come and join BPIE as

Senior Data Analyst and Modeller – Carbon and Energy in the built environment

BPIE's project portfolio includes a broad variety of assignments, ranging from multi-year projects in large European consortia to short term analysis with a high political relevance.

As Senior Data Analyst and Modeller you will have the opportunity to work in teams and lead projects depending on your experience and expertise.

THE MOST IMPORTANT AREAS WE'LL TRUST YOU WITH:

Reporting to the Team Lead, you will:

- Lead and manage projects in relation to data collection, analysis, modelling, and scenario building for the carbon and energy performance of buildings. You will be involved in all project steps from conceptualisation to completion.
- Contribute to the strategic development of BPIE's quantitative analysis with focus on development and use of building performance databases, models, and visualisations.
- Provide quantitative analysis to support policy research on:

- Strategies, policy instruments and financing programmes to increase renovation rate and depth of buildings.
- Energy demand and greenhouse gas emissions of EU buildings and building stocks, including whole life carbon assessment.
- Impact assessment and evaluation of building policies and programmes.
- Other important topics, such as renewable energy uptake, indoor environmental quality, or wider benefits of building renovation.

- Draft briefings and reports, present and discuss complex issues with different audiences, such as policy makers, advocacy organisations, and researchers.
- Contribute to the preparation of project proposals to a variety of donors and clients.
- Represent BPIE in meetings and conferences across Europe.
- Engage and build good relationships with stakeholders in the modelling community.

EXPERTISE

Experience in and knowledge of one or more of the topics below is:

- Required:
  - Building energy performance and building energy systems.
  - Modelling energy demand and greenhouse gas emission of buildings.
- Nice to have:
  - Impact assessment and evaluation of building performance related policies, regulations (e.g., EPBD directive), support schemes or financing programmes.
  - Wider building related topics, such as use of renewable energy, smart buildings, multiple benefits of renovation beyond energy savings, or positive energy districts.
  - Database development, management, and use.
  - Basics of the energy supply systems.

REQUIRED QUALIFICATIONS

- A minimum of 7 years professional experience in quantitative analysis and modelling of building performance and climate change policy.

- Master's degree or equivalent in a relevant discipline. Candidates with degrees in engineering, physics, mathematics or architecture are strongly encouraged to apply.
- Full professional proficiency in English, any other European languages will be an asset.
- Familiarity with EU energy and climate policies, combined with a good understanding of the role of buildings in achieving the EU energy transition and the Paris Agreement climate commitments.
- Proven experience in producing reports and papers, presenting and debating technical or political topics related to the energy performance of buildings.
- Strong understanding of project management methodologies.
- Proven experience in preparing successful project proposals.

PERSONAL INTERESTS & SKILLS

- Ability to work with tight deadlines and manage/ contribute to several projects simultaneously.
- Willingness to work in a small, multi-national team and to be a pro-active and constructive team player.
- Ability and willingness to travel, primarily in Europe.
- A passion to fight climate change.

To be a successful candidate, you need proven experience as described above, be a team player with a drive to improve and innovate quantitative data analysis and modelling in the field of energy and buildings and be enthusiastic about working in a multinational and dynamic team and have a valid working permit for the EU.

Convinced? Send us your applications and come meet us!

OUR OFFER

BPIE offers a permanent employment contract based in Brussels under Belgian employment law. Our attractive package includes a range of employee benefits, training and development opportunities and flexible working conditions including a generous home office policy. Part-time employment of at least 75% is an option.

YOUR APPLICATION

Please send your CV and a cover letter explaining your experience and motivation in English to Elodie Da Rocha, elodie.darocha@bpie.eu by 17 February 2023.

Please make sure to include the job title “Senior Data Analyst” and your name in the subject line of the email.

The shortlisted candidates will be invited for interviews in February and March 2023.