

a non-profit developer of sustainability simulations and serious games is looking for:

SUSTAINABILITY MODELER/ANALYST

**Are you experienced in dynamic modeling techniques such as agent-based modeling or system dynamics?
Are you skilled in processing and analysing data? Do you have experience in Python programming?
Do you know what the European Green Deal is about? Do you care about the future of our planet?
If the answer to these questions is 'yes', then we would like to invite you to apply for this post!**

YOUR ROLE

We are looking for an experienced modeler who will lead the development of an agent-based model focusing on the effects of the European Green Deal on the labour market.

WHY SHOULD YOU WORK WITH US?

For 17 years, we have been pursuing meaningful work by creating social simulations and serious games for social change. Our interactive, multiplayer, and moderated games combine entertainment with education and raise awareness of global challenges such as the climate emergency. They are engaging, fun, and have been played by such organisations as the World Bank, the European Commission, OECD, and UNDP.

As a non-governmental organisation, we do not follow many of the practices you might have encountered in commercial companies. Instead, we will rely on you to design and control your development process. You will be engaged in purposeful and deeply satisfying work, contributing to our efforts of solving important real-world problems.

Join our professional, interdisciplinary team of 15 change makers. Get involved in international projects for the public good at the intersection of business, science, society, and the environment.

WE OFFER

- Full-time or part-time employment contract (or B2B) with flexible working hours (20-40 hours per week)
- Possibility to work remotely
- Salary based on track record and qualifications (reduced proportionally to the agreed hours per week in case of part-time contract)
- Opportunities for professional development incl. external training
- Life insurance
- Private medical care
- Fast recruitment process

KEY RESPONSIBILITIES

- Develop an agent-based model (ABM) analysing sustainability transition policies and their effects on the labour market
- Calibrate the ABM based on available data from various sources (also qualitative), process and analyse the model results
- Integrate the ABM into an interactive online simulation (in cooperation with other programmers)
- Write and contribute to scientific articles and science-policy reports derived from the above work as well as research proposals
- Support in the design and delivery of international events, including project and social simulations workshops

KEY REQUIREMENTS

- The applicant should have a degree in economics, mathematics, statistics, computer science, or other relevant fields.
- Experience in developing dynamic models such as agent-based models, system dynamics, or similar and applying them in the area of sustainable development
- Programming (Python)
- Advanced skills in data processing and analysis
- Quick and effective search, analysis, and processing of scientific information (also in the areas beyond current experience)
- Excellent communication skills (both written and verbal) in English, good presentation skills, and the ability to write scientific articles and contribute to science-policy reports

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NICE TO HAVE

- Orientation in the current policy issues around European Green Deal
- Experience in macroeconomic modeling, e.g. CGE modeling
- Experience in experimental economics
- Knowledge of sustainable development issues, including the Sustainable Development Goals, climate change mitigation/adaptation, energy transition, behavioral change, etc.
- Knowledge of computer and board games, especially serious games
- Experience in JavaScript programming and related frameworks
- A publication record in international, peer-reviewed journals in economics
- Experience in working for the benefit of society and the natural environment

CRS encourages individuals of all learning styles, ethnic, racial, and socioeconomic backgrounds to apply for this position. CRS is an equal opportunity employer and considers all applications without regard to personal background, race, color, religion, sex, gender, gender identity or expression, sexual orientation, national origin, ancestry, age, citizenship status, disabilities, or medical conditions. Research has shown that women and immigrants are less likely to apply for roles unless they believe they meet all of the qualifications. We encourage you to apply as we are committed to maximizing the diversity of our organization. We want to engage equally all those who can contribute to our activities.

If you possess the qualifications described above and would like to apply for the position, please send your application (CV and cover letter) in English at rekrutacja@crs.org.pl (entitling the email "Sustainability Modeler/Analyst"). A cover letter explaining why do you want to work with us and/or modeling portfolio may increase your chances. Please, mind that we reserve the right to reply only to the selected candidates.

Don't forget to enclose the following annotation: "I agree to the processing of my personal data by the Centre for Systems Solutions Association for recruitment for the post of **Sustainability Modeler/Analyst** in accordance with Art. 6(1)(a) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)".

In order to ensure compliance with the GDPR, we would like to inform you that we intend to store your personal data on the G Suite platform owned by Google LLC. The data will be stored on a server located in the USA. To dispel your doubts, we would like to assure that your data will be safe, as Google LLC joined the Privacy Shield program and provides the appropriate level of personal data protection required by European regulations.

In reference to this, please read the information below:

In accordance with art. 13 of the General Regulation on the Protection of Personal Data of 27 April 2016 (Official Journal of the European Union, L 119, 4 May 2016), we inform you that:

1. The administrator of your personal data is the Centre for Systems Solutions Association, based in Wroclaw 50-305, ul. Jaracza 80B/10, Poland;
2. Your personal data will be processed for the purposes of conducting correspondence pursuant to the Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016;
3. Your personal data will be stored for the duration of this recruitment;
4. You have the right to access your data and the right to rectify, delete, limit processing, the right to withdraw consent and the right to move data;
5. You have the right to lodge a complaint with the supervisory body;
6. Providing personal data is voluntary but necessary to consider the offer as part of the recruitment process.

You can withdraw your consent at any time by sending an e-mail to gdpr@crs.org.pl