Conducting research for a changing society: This is what drives us at Forschungszentrum Jülich. As a member of the Helmholtz Association, we aim to tackle the grand societal challenges of our time and conduct research into the possibilities of a digitized society, a climate-friendly energy system, and a resource-efficient economy. Work together with around 7,500 employees in one of Europe's biggest research centres and help us to shape change!

Support us at the Institute of Climate and Energy Systems - Juelich Systems Analysis (ICE-2) in providing orientation knowledge for politics, industry and society for the success of the energy transition by joining our team in the area of integrated resource scenarios for a successful energy transformation. Current research on energy system transformation shows that global energy system transformation is constrained by resource availability. These resource limitations and strategies for avoiding them are investigated by this team. To this end, we have already built a unique modeling suite with ETHOS and, thanks to our high-performance computing cluster, we have a unique research infrastructure in the field of systems analysis. In addition, the start of the team`s leadership is located within a prestigious ERC Starting Grant in the field of resource systems.

Join the Integrated Resource Evaluation team at ICE-2 at the earliest possible date as a

Group Leader - Integrated Resource Assessment

Your Job:

- Further development of the research field, including the analysis of relevant issues for achieving the energy transition
- Science management, as well as the acquisition and leadership of third-party funded and research projects in the field of global resource modeling
- Placement of relevant topics in conferences and representation in national and international networks
- Publication of scientific results in relevant journals
- Leadership of the scientific team and supervision of (students and) PhD candidates

Do you find this topic exciting and enjoy modeling and analyzing energy systems? Do you also have innovative ideas that could contribute to the success of the energy transition and do you want to actively shape energy research? Then apply! We look forward to welcoming dedicated new colleagues who want to work with us to find

The job will be advertised until the position has been successfully filled. You should therefore submit your application as soon as possible. We look forward to receiving your application via our **Online-Recruitment-System!**

Questions about the vacancy?
Get in touch with us by using **our contact form.**
Please note that for technical reasons we cannot accept applications via email.
www.fz-juelich.de

solutions for the energy transition.

Your Profile:

- An above-average doctorate in the field of energy system modeling and an equally successful university degree (Master`s) in engineering (energy technology, process engineering, mechanical engineering, electrical engineering, industrial engineering), physics, mathematics or a comparable course of study
- Sound experience in the methodical and analytical development of energy system models with programming skills, preferably in Python
- Experience in the successful acquisition of third-party funded projects and in project management as well as a proven track record in peer-reviewed journal papers
- Experience in managing employees, doctoral students or students
- Ability to work independently, in a targeted and strategically oriented manner
- Fluent written and spoken English; knowledge of German an advantage

Our Offer:

We work on the very latest issues that impact our society and are offering you the chance to actively help in shaping the change! We support you in your work with:

- We support you right from the beginning: We help new colleagues to find their feet at Jülich – e.g. through our Welcome Days and Welcome Guide https://www.fz-juelich.de/en/gp/welcome-to-forschungszentrum-julich
- Support through an extensive and individual portfolio (including leadership training and various networking offers): https://go.fzj.de/LeadershipCulture
- Help us develop sustainable solutions for the clean energy transition
- Join a highly motivated and international team at one of the largest research centers in Europe
- Excellent technical infrastructure – ideal conditions for extensive system analyses, including institute's own cluster computer and access to the HPC at the FZJ
- Opportunity to participate at international conferences
- Ideal conditions for balancing work and private life, as well as a family-friendly corporate policy supported by our Equal Opportunities Bureau https://go.fzj.de/ReconcilingWorkandFamilyLife
- Targeted services for international employees, e.g. through our International Advisory Service
- An attractive flexitime arrangement and flexible working time models that take your individual needs into account: full-time position with 39 hours/week, close to full-time or within the framework of top sharing (two qualified employees share a full-time position)
- Flexible work arrangements, e.g. working from home
- 30 days of annual leave and provision for days off between public holidays and weekends (e.g. between Christmas and New Year)
- Capital-forming benefits and an employee pension scheme
- Targeted services for international employees, e.g. through our International Advisory Service

In addition to exciting tasks and a collaborative working atmosphere at Jülich, we have a lot more to offer: https://go.fzj.de/benefits

The position is for a fixed term of 2 years, with possible long-term prospects. Salary and social benefits will conform to the provisions of the Collective Agreement for the Public Service (TVöD-Bund), pay group 14, depending on the applicant's qualifications and the precise nature of the tasks assigned to them. All information about the Collective Agreement for the Public Service (TVöD-Bund) can be found on the BMI website:

https://go.fzj.de/bmi.tvoed . The monthly salaries in euros can be found on page 66 of the PDF download.

We welcome applications from people with diverse backgrounds, e.g. in terms of age, gender, disability, sexual orientation / identity, and social, ethnic and religious origin. A diverse and inclusive working environment with equal opportunities in which everyone can realize their potential is important to us.