

# Master thesis at the Forschungszentrum Jülich

You are interested in **exploring the role of biomass in a future greenhouse gas-neutral energy system**? You are fascinated by questions and models relating to global energy supply?

If so, join our team at the **Institute of Energy and Climate Research - Techno-economic Systems Analysis (IEK-3)** and help us to explore the role of biomass in a greenhouse gas-neutral future using our models to study transformation pathways.

**Biomass is currently one of the most important renewable energy sources worldwide.** Today`s biomass sources range from the cultivation of energy crops to agricultural residues and waste material. However, the question is, which forms and quantities of biomass can be used in the future without jeopardising the food supply of worlds growing population.

Therefore, we offer an exciting master thesis on this topic:

## „Regional biomass potential in the global energy system“

### Your Profile

- You have good written and spoken English skills
- You are interested in analysing data and processing it in Python
- You are interested in developing scientific modelling approaches and dealing with complex issues
- You are highly motivated and able to work independently and analytically

### Our Offer

- Collaboration in a diverse, highly motivated working group with an international character in one of the largest research institutions in Europe
- Professional technical equipment for remote work and the opportunity to work 100% from home
- Thesis is terminated to 6 months
- A reasonable remuneration

Online application: [Master thesis - Regional biomass potential in the global energy system \(fz-juelich.de\)](https://www.fz-juelich.de)