



Why choose for Eneco?

The One Planet strategy we are committed to here at Eneco sets an ambitious goal to be climate neutral by 2035. We want to achieve that goal for both us and our clients. To make it happen, we are dedicated to offering digital capabilities and smart solutions for efficient energy use. Within Myriad, we optimize our assets in real time to provide flexibility in the most sustainable and competitive way. We provide flexibility to the grid with our assets such as wind farms, solar parks, batteries, EV's, conventional power plants (CHP), and demand response. We do this using a [Virtual Power Plant](#) where we optimize our assets over several markets to be more sustainable.

What you'll do

Eneco steers its assets in real time where we change the production of the assets every few seconds. However, some of the assets may not respond as fast as we like. Therefore, we dynamically change the production and reallocate the required production over the assets. You will model a control system to dynamically (re-)allocate the production over the assets. You will be guided in the process of the requirements of the model, but you will take the lead in the project to create, simulate and validate the model.

You will work together with cloud developers and product managers to get your model into production asap. Practical Experience in programming and simulation strategies. We have a team of developers that will take the model into production once the model is evaluated successfully.

Is this about you?

You can work independently, but you're comfortable asking questions and to work

- A finished Bachelor's in engineering
- Strong interest in control engineering, complex systems engineering, and robotics.
- Extensive knowledge on control system concepts.
- A team player, good communication skills,
- Experience in Python
- Availability to work at main office in Rotterdam at least once a week

You'll be responsible for

You're the model architect. You create, simulate and validate a model that suits our business requirements concerning smart allocation of production for our assets.

This is where you'll work

You're able to work at the office at least 1 day per week at the office. You'll work closely with the Myriad team, responsible for the Virtual Power Plant. Also, you will work with traders to set the business requirements and to evaluate of the model.



What we have to offer

- A challenging assignment, 20-40 paid hours per week.
- Nice colleagues/team and activities
- Help speeding up energy transition

Together towards climate neutrality

Ask a colleague about our joint mission and you will hear it again and again: Eneco wants to be climate neutral by 2035. Everyone works together to realize this ambition. We help customers and B2B partners to switch to sustainable energy with flexible production of our assets. We see opportunities everywhere. Are you in?

Get in touch

Contact Mark Beukeboom for more information.

mark.beukeboom@eneco.com

06-20870643