



Systems Engineer

Are you ready to shape the energy system of the future? Do you feel the excitement knowing that your work ensures that no one in the Netherlands is left in the dark? Join our team and let's take on the challenge together!

Jouw bijdrage aan TenneT

Your Goal: As a Systems Engineer, you will contribute to expanding our high voltage power network. Your work ensures that everyone, even in the future, has access to our power grid. Additionally, you'll play a crucial role in the energy transition.

Your Challenge: Engineering is responsible for the technical design of new large-scale projects. You will work on various projects while also contributing to standardization, innovation, and digitalization of our technology. Collaborating closely with colleagues from other departments, we aim to set a new standard for future tasks.

Your Key Responsibilities:

- Structuring the project using established standard requirement libraries and making resulting requirement sets accessible to the project team.
- Translating additional (customer or stakeholder) requirements into concrete specifications within the project's requirement set.
- As a systems engineer, you'll be the key user of the requirement database, responsible for providing verification plans and ensuring their documentation through verification reports.
- Overseeing the transfer of requirement sets/agreements from Relatics to involved construction partners.
- Training and mentoring the engineering team and project members to independently formulate (technical) requirements within the established systems engineering structure.
- Acting as an ambassador for systems engineering, aiming to create buy-in at various levels and across different departments.

About Large Projects Netherlands (LPN): LPN is responsible for major onshore construction projects in the Netherlands. Our project portfolio is rapidly expanding, driving our focus on standardization, innovation, and digitalization in collaboration with others. Within LPN, we design all 380 kV and 220 kV construction projects across the Netherlands.

Jouw profiel en achtergrond

You identify with TenneT's core values: Ownership, Courage, and Connection. You collaborate effectively with others and feel at home in an intercultural environment.

Your Qualifications:

- Extensive work experience as a systems engineer.
- Minimum Bachelor's degree.
- Fluent in English, with at least a B2 level in Dutch.

Extra informatie

- **Working Hours:** 32 - 40 hours per week.
- **Hybrid Position:** Location and working hours are negotiable.
- **Employment Contract:** Permanent contract.
- **Salary:** €3,879.00 - €7,660.00 gross per month, according to the TenneT TSO collective labor agreement (scale 8).
- **Additional:** 43 days off (with 40h workweek), collective pension scheme, sport contributions etc.. More additional employment conditions are available on our website.

The Systems Engineer role falls within the Large Project Netherlands division, under the Engineering department. Your formal location for this position is at the TenneT headquarters in Arnhem, but hybrid work is also our new normal. Additionally, we have office locations in Gouda and Hoogeveen where you can work.

Ons aanbod



We are family friendly and flexible



Health - your basis



Modern working environment



Attractive remuneration and social benefits



Personal development

Ons recruitment process

The recruitment process involves two interviews and a VOG screening. For further inquiries about the recruitment process, please contact: If you have specific questions related to the position, feel free to reach out to:

- **Marieke van der Aa** (Corporate Recruiter) Email: Marieke.vander.Aa@tennet.eu
- **Barbara Vermeij** (Lead Engineering) Email: Barbara.vermeij@tennet.eu

- Knowledge and experience with contract forms such as:
 - UAV-GC
 - Design & Construct
- Efficiently use Relatics for drafting contract documents while keeping practical applicability in mind.
- Strong planning and prioritization skills.
- Effective cross-chain communication: Clearly inform stakeholders throughout the process, ensuring all aspects contribute to the desired outcomes, and actively seek feedback for improvement.

Onze uitdaging

Large Projects Netherlands richt zich op het ontwikkelen en realiseren van capaciteitsuitbreidingen van het nationale extra hoogspanningsnetwerk in Nederland. Deze large projects zijn essentieel voor het slagen van de energietransitie. Dit doen we in nauwe samenwerking met onze collega's binnen de TenneT-organisatie en onze externe partners en stakeholders.

TenneT is een toonaangevende Europese netbeheerder (Transmission System Operator, TSO). Wij zetten ons in voor een veilige en betrouwbare elektriciteitsvoorziening, 24 uur per dag en 365 dagen per jaar. Daarbij stimuleren we de energietransitie met als doel een duurzame, betrouwbare en betaalbare energietoekomst. Als eerste grensoverschrijdende TSO ontwerpen, bouwen, onderhouden en exploiteren we 24.500 kilometer aan hoogspanningsverbindingen in Nederland en grote delen van Duitsland, en faciliteren we de Europese energiemarkt via de 16 interconnectoren met onze buurlanden. Met een omzet van 6,4 miljard euro en een totale activawaarde van 32 miljard euro zijn we een van de grootste investeerders in nationale en internationale elektriciteitsnetten, zowel onshore als offshore. Elke dag stellen onze 6.600 medewerkers alles in het werk om tegemoet te komen aan de behoeften van de samenleving door het tonen van eigenaarschap, moed en verbinding. Samen zorgen we ervoor dat meer dan 42 miljoen eindgebruikers op een stabiele elektriciteitsvoorziening kunnen rekenen.

Lighting the way ahead together

<https://careers.tennet.eu/careers/JobDetail/74448>