



IT Architect

TenneT is growing fast to realize its strategic ambitions. We play a leading role in driving the energy transition. We are looking for an IT Architect at our location in Arnhem who will contribute to this and that might be you?

Your contribution to TenneT

TenneT is growing fast to achieve its strategic ambitions. We play a leading role in driving the energy transition. TenneT strategy is to Build the Grid faster, Utilize the Grid better and Deliver together for our Customers! As an IT Architect in the Asset Chain department of the Business Technology Organization (BTO), you will design, build, and optimize IT solutions that empower our business teams to deliver large-scale, capital-intensive projects—shaping the Electricity Grid of the Future.

What You'll Do:

- Architect scalable, high-performing, and cost-effective IT solutions, new ones and optimizing existing ones, to meet evolving business needs.
- Collaborate closely with business teams, Enterprise Architecture, and multiple technology delivery and operational teams.
- Drive innovation to accelerate grid development, maximize efficiency, and enhance customer experience.
- Ensure modular, maintainable and cost efficient IT landscapes that align with long-term business goals, including shape and refine the existing application landscape, ensuring alignment with enterprise architecture standards.
- Engage with platform teams, centre's of excellence, and key functional departments like Operations, Data & Digital, HR, Procurement, and Business Guidance.
- Foster a culture of End-to-End thinking, open dialogue, and continuous learning within teams.
- Support and embody TenneT's core values—Ownership, Courage, and Connection—through leadership and coaching.

Your profile and background

- Experienced Architect – 7+ years in a Technical Lead, Senior Engineer, or Architect role, bridging business and technology.
- Tech-Savvy – Strong grasp of software development lifecycle (CI/CD), cloud-based solutions, IoT, digital twins, document management and asset management tooling.
- Security & Risk Aware – Knowledgeable in information security and risk management.
- Modernization Expert – Skilled in simplifying and decoupling legacy systems for a scalable, future-ready IT landscape.
- Collaborative Mindset – Comfortable working with cross-functional teams, business stakeholders, and outsourced service

Additional information

- The weekly working hours are 32-40.
- The salary indication for this role is between €4.151,= and €8.197,= gross per month, based on a 40 hours work week, in salary scale 8 of our CAO TSO.
- TenneT is mindful of employees' private circumstances, and we consider flexibility in a job and a healthy work-life balance as very important.
- Hybrid working is a requirement for this role.
- Type of contract is indefinite.
- We only proceed with candidates who have EU residency. We do not offer a work visa/ sponsorship.
- Job interviews for this position will be (partly) in English. Please send us your application document in English as well.
- A VOG (certificate of conduct) is required for this position.

Our offer



We are family friendly and flexible



Health - your basis



Modern working environment



Attractive remuneration and social benefits



Personal development

Our recruiting process

For further questions regarding the recruitment process, please contact: Judith Segura - van Bruggen | Senior Corporate Tech Recruiter judith.segura-vanbruggen@tennet.eu

For questions relating to the position: Joost Carol | Lead Business Technology Asset Chain joost.carol@tennet.eu

- providers.
- Big-Picture Thinker – Decisions align with enterprise goals and long-term architectural vision.
 - Effective Communicator & story teller– Able to translate complex architectures into clear, actionable insights for diverse stakeholders.
 - Culture Champion & Team Player – Believes in transparency, collaboration, care and a non-hierarchical approach.
 - Language & Education – Fluent in English (Dutch is a plus); Bachelor's degree in a technical field required (TOGAF certification is a bonus).

This is a 100% dedicated role—ready to make an impact?
Let's build the energy future together!

This will be our challenge

BTO is the Business Technology Organization of TenneT and drives as business partner the digitalization of TenneT into the future by: Driving security of supply, energy transition, organizational and financial health through digital, data, and analytics. Securing solid foundations through seamless end-user services (UX), industry leading cyber security set-up, resilient data centres and cloud infrastructure. Consistent business partnerships, strategic partnerships with vendors and clear standards on architecture, vendor & portfolio management and security. Unlocking value from data and digital by building all the necessary enablers (including data platform, data governance processes and capabilities) and embedding innovation initiatives into business roadmaps.

AI and more about TenneT

Since we use AI as part of our recruiting process, we would like to create transparency and clarity at this point. The AI serves exclusively as a supporting and recommending tool to make our processes even faster and more efficient. At no time are automated decisions made.

TenneT is a leading European grid operator. We are committed to providing a secure and reliable supply of electricity 24 hours a day, 365 days a year, while helping to drive the energy transition in our pursuit of a brighter energy future – more sustainable, reliable and affordable than ever before. In our role as the first cross-border Transmission System Operator (TSO) we design, build, maintain and operate over 25,000 kilometres of high-voltage electricity grid in the Netherlands and large parts of Germany, and facilitate the European energy market through our 17 interconnectors to neighbouring countries. We are one of the largest investors in national and international onshore and offshore electricity grids, with a turnover of EUR 9.2 billion and a total asset value of EUR 45 billion. Every day our 8,300 employees take ownership, show courage and make and maintain connections to ensure that the supply and demand of electricity is balanced for over 43 million people.

Lighting the way ahead together

<https://careers.tennet.eu/careers/JobDetail/92938>