

Senior Information Security Officer (ISO)

A mission that matters

To achieve its climate goals, the Netherlands is committed to achieving carbon-free electricity. Nuclear Energy Organisation Netherlands (NEO NL) contributes to this by building and operating two new nuclear power plants, on behalf of the government. It is one of the most ambitious energy projects the Netherlands has ever seen. At NEO NL, your work will directly contribute to this national ambition and make an impact that lasts for decades. To make this assignment a success, we need extraordinary people. People like you.

For the start-up phase of NEO NL, we are looking for: **Senior Information Security Officer (ISO)**. (32-40 hours per week, full-time = 40 hours) . The duration of the assignment is 6 months, with the possibility to extend twice for an additional 6 months. Over the course of the year, there will be an opportunity to transition into a permanent position at NEO NL.

Your assignment

The purpose of this position is to act as the right-hand to the CISO by managing the day-to-day operations of the Information Security Management System (ISMS). You will achieve a seamless translation of strategic security frameworks into concrete, practical measures, ensuring security is structurally embedded in NEO's daily business operations.

In this role you will be responsible for:

- Co-managing the design and operation of the ISMS based on ISO 27001.
- Organizing and guiding periodic risk assessments (e.g., using IRAM or ISO 27005) and translating outcomes into priorities.
- Ensuring security is included in architecture and new projects via *secure-by-design* and *secure-by-default* principles.
- Conducting or coordinating third-party risk assessments (supply chain risks).
- Supporting the implementation of legal frameworks like NIS2 and ISO 27001.
- Developing and maintaining practical security policies, standards, and guidelines.
- Guiding internal controls, audits, and management reporting.

Your background and experience

- Minimum 8–10 years of experience in information security or cybersecurity.
- Extensive experience with Governance, Risk, and Compliance (GRC) within a complex organization.
- Proven experience with ISO 27001 (setting up/maintaining an ISMS) and risk analysis methodologies (IRAM, ISO 27005 or similar).
- Familiarity with NIS2, supply chain security, and third-party risk management.
- Active certifications such as CISSP, CISM, CRISC or equivalent are required.

We also value if you have

- Experience working within the government, public sector, or other strongly governed, complex environments.
- A pragmatic approach; the ability to translate complex security issues into workable solutions that fit the scale of the organization.
- Strong advisory skills; the ability to independently prepare decisions, structure dossiers, and clearly communicate with both technical specialists and management.

Competencies

- Strong analytical skills and experience with risk management.
- Ability to structure and professionalize security governance.
- Excellent communication skills (bridging the gap between tech and management).
- Independence and a strong sense of responsibility.
- Organizational sensitivity and administrative insight.

What we offer

- **A strong and committed team** – Become part of a diverse and ambitious team of 100 professionals who share a common goal and mission.
- **A culture of trust and ownership** – We believe in responsibility, collaboration, open

communication, and a safe working environment.

- **Dynamic environment** – Experience the energy of building a new organisation step by step, and two nuclear power plants that will help the Netherlands for many decades from now.

About the organisation

NEO NL is a state-owned company. Our mission is clear: deliver long-lasting nuclear energy solutions that support the Dutch ambition of climate neutrality. With unmatched standards of quality and safety, and driven by deep expertise and responsibility, we are creating a resilient energy system while advancing nuclear knowledge for generations to come. At NEO NL, you won't just have a job, you will have a once in a lifetime opportunity to ensure the Netherlands becomes less dependent of fossils fuel, and to have clean and reliable energy for generations to come. You will be part of an ambitious, supportive, and international team, working at the forefront of policy, technology, and society. This is your chance to make history. Join us and be part of something that lasts.

Want to know more? Please contact our Talent Acquisition Manager, Jacob Faber, at j.faber@minezk.nl For more information, visit: www.neonl.com

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