THE CS4NL CYBERSECURITY INNOVATION PROGRAMME

Cybersecurity for the Netherlands (CS4NL) gives a substantial boost to cybersecurity knowledge and innovation in the Netherlands. This is done through collaboration in grant calls, in which research organisations and industry apply for grants to set up partnerships. Parties form a consortia, respond to the call for proposal through **NWO (Netherlands Organisation for Scientific Research)** and/or **TKI (Top Consortia for Knowledge and Innovation).** So if you are working on cybersecurity innovations that contribute to societal transitions and secure digital transformations, register now!

BACKGROUND

Cybersecurity is an important prerequisite for a secure, rapidly digitising society. The importance and urgency of cybersecurity for the Netherlands is demonstrated by the important place for it in the Mission-Driven Top Sectors and Innovation Policy (MTIB). Indeed, social transitions often depend on digitisation and this can only be done responsibly if cybersecurity is in place. Sometimes this succeeds with existing technologies, but sometimes new, innovative solutions are needed. To deploy resources from the central government, industry and knowledge institutions efficiently and effectively, we involve partners and cooperate in a multidisciplinary and cross-sectoral way. Indeed, many cybersecurity challenges in government, (local) government and business are similar in nature. Collaboration happens concretely through NWO and TKI calls, based on the seven innovation themes (see box).

SEVEN INNOVATION THEMES

CS4NL works demand-driven from the market.
The shared innovation themes are:

1. Security by design
2. Safe data-driven working
3. Secure and robust connectivity
4. OT/IT security
5. Cyber risk management
6. System and chain security
7. Cyber-awareness, knowledge and skills (human capital).

NWO CALLS

In the NOW issued call, the **grant is intended for interdisciplinary research by knowledge institutions (including universities of applied sciences) which collaborate with public and private partners, including small and medium-sized enterprises (SMEs).** To be financed projects in this call for proposals have a maximum duration of 60 months and originate from the Key Technologies KIA (Knowledge and Innovation Agenda) and the Security KIA. The call is published before the summer of 2023. Scan the QR code for more information about the NWO call for proposals, and more.

Scan me for up-to-date information on the CS4NL programme or see **www.cs4nl.nl**

TKI CALLS

The second track of subsidies is through TKI (Top Consortia for Knowledge and Innovation). Projects are generally set up for a maximum of three years and aim for short-cycle innovation. The funding scheme is **the PPP (Private-public-partnership) surcharge.** TKI agencies and other participating organisations providing funding collaboratively choose practical cybersecurity issues (use cases) for the calls, focusing on a number of application domains. Per year, multiple use cases will be chosen for upcoming call for proposals. In 2023, three use cases will find their way into call for proposals.

MULTISECTOR DEMAND DRIVEN CALL

For the top sectors and the CS4NL programme, it is important that a TKI call is truly a multi-sectoral call with a view to scaling-up possibilities. A multi-sector call is funded by at least two TKI agencies and **serves interests of multiple top sectors.** Moreover, **knowledge transfer** takes place, meaning that new knowledge benefits multiple top sectors and other participants in the programme. The programme and calls are demand-driven in that, with the parties they represent, the top sectors have submitted their **innovation needs** through use cases. So there is no technology push.

FIRST CS4NL TKI CALL FOR SUPPLY CHAIN SECURITY

Currently, the TKI agencies of the top sectors Logistics, Horticulture & Starting Materials (T&U) and Life Sciences & Health (LSH) are starting the first pilot for a joint TKI call.

This call focuses on chain security, in which complex chains have increasing dependencies and information sharing. How do we secure this chain efficiently? The parties are pioneering to jointly make this possible!
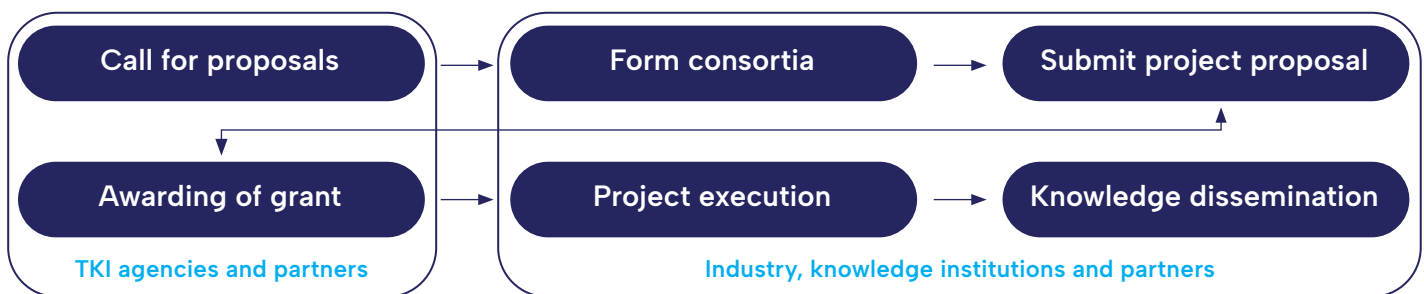
12 USE CASES FOR 3 TKI CALLS IN 2023

Based on seven innovation themes, the top sectors have defined 12 use cases that overlap in terms of cybersecurity innovation needs of at least two top sectors. Examples include:

1. Systemic understanding of increasingly complex IT and OT systems
2. Supply chain security
3. Secure devices and applications in the home environment
4. System/Chain security

The full list can be found on the CS4NL page by scanning the QR code in this flyer.

WHAT DOES THE TKI PROCESS LOOK LIKE?

Call for proposals → Form consortia → Submit project proposal

Call for proposals → Awarding of grant → Project execution → Knowledge dissemination

TKI agencies and partners

Industry, knowledge institutions and partners

CONTACT

www.dutchdigitaldelta.nl/CS4NL and www.dcypher.nl/CS4NL