THE CS4NL CYBERSECURITY INNOVATION PROGRAMME

Cybersecurity for the Netherlands (CS4NL) gives a substantial boost to cybersecurity knowledge and innovation in the Netherlands, already surpassing 20 million euro for subsidies in 2023. CS4NL collaborates with 18 partners to work on a vision for a more secure Netherlands. These parties inspire each other as well as their respective sectors and they work together on joint themes. Concretely this results in input to policy and joint grant calls, in which research organisations and industry apply for grants to set up partnerships. Parties form consortia and respond to the call for proposal through NWO (Dutch Research Counsil), TKI (Top Consortia for Knowledge and Innovation) and/ or via Small Business Innovation Research (SBIR) calls from the Ministry of Economic Affairs. So if you are working on cybersecurity innovations that contribute to societal transitions and secure digital transformations, keep an eye on the CS4NL programme and scan the QR code.

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

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 National Technology Strategy and the Mission-Driven Top Sectors and Innovation Policy (MTIB). Indeed, social transitions often depend on digitisation and can only take place responsibly if cybersecurity is in place. Sometimes digitisation 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 and business are similar in nature. The CS4NL programme and the calls are demand driven calls with input from our partners and captured in concrete use cases and themes, relevant for multiple sectors. Collaboration happens during calls and via knowledge transfer on the relevant innovation themes.

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

Grants that become available through NWO calls are intended for interdisciplinary research by knowledge institutions (including universities of applied sciences) and collaborate with public and private partners, including small and medium-sized enterprises (SMEs). These research projects are based on the seven themes, have a maximum duration of 60 months and originate from two Knowledge and Innovation Agendas (KIA). The KIA Key Enabling Technologies and KIA Security and supported by the Ministry of Economic Affairs. Visit **www.nwo.nl/en** for more information.

FROM 12 CS4NL USE CASES TO TKI-CALLS

Another option for 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 innovations. The funding scheme is the PPP (Private-Public-Partnership) Innovation Scheme. TKI agencies choose a mutual and practical cybersecurity challenge for a call for proposals based on one of the 12 CS4NL use cases. Research outcomes have to be relevant for multiple application domains. The 12 CS4NL use cases are derived from the seven innovation themes and the need for innovation is voiced by at least two top sectors.

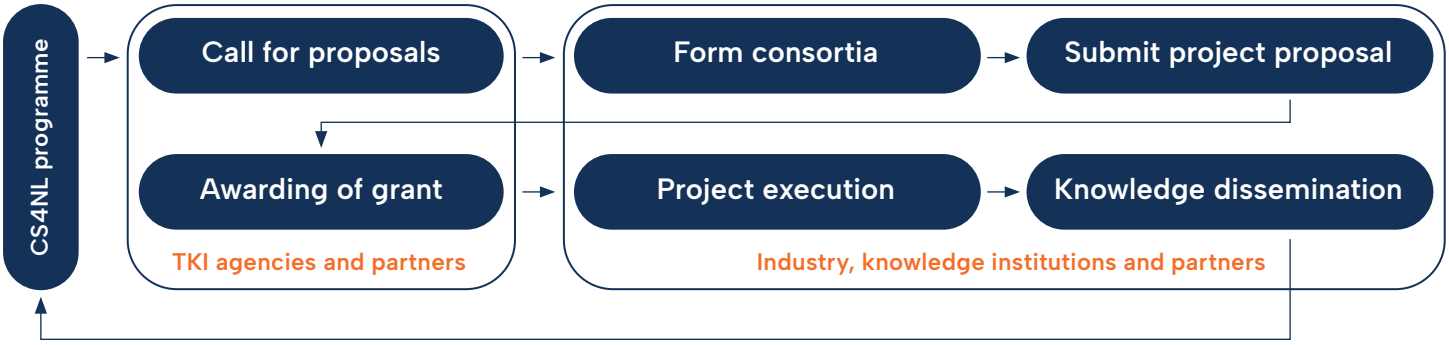
12 USE CASES

Case 1: Security Assessments in complex systems
Case 2: Secure sensors for automatic inspection and detection
Case 3: Cyber Threat Intelligence Sharing and Threat Modelling
Case 4: Systemic insights in complex IT and OT systems
Case 5: Innovation on intrusion detection
Case 6: Supply Chain Security
Case 7: Supply Chain Security Tool
Case 8: System and supply chain resilience
Case 9: Complex OT/IT systems models and simulation
Case 10: Secure devices and applications in home environments
Case 11: Secure data driven operations
Case 12: Cyber resilience in the transport sector

CONCRETE AND COMPETITIVE SBIR CALLS

The Ministry of Economic Affairs contributes to the CS4NL programme by publishing SBIR-calls on the CS4NL themes and use cases. A SBIR-call is a concrete appeal for innovation, where the government invites SMEs to innovate on concrete governmental challenges. Companies start with a feasibility study, followed by a proof of concept demonstration. The goal is to deliver an end result that can be adopted and used by the government. SBIR-calls provide an attractive way for smaller companies to showcase their innovation capacities coupled by good chances for adoption.

WHAT DOES THE PROCESS LOOK LIKE?



CONTACT

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