

De geopolitiek van cyberweerbaarheid

Staten, bedrijven & de technologische wereldorde

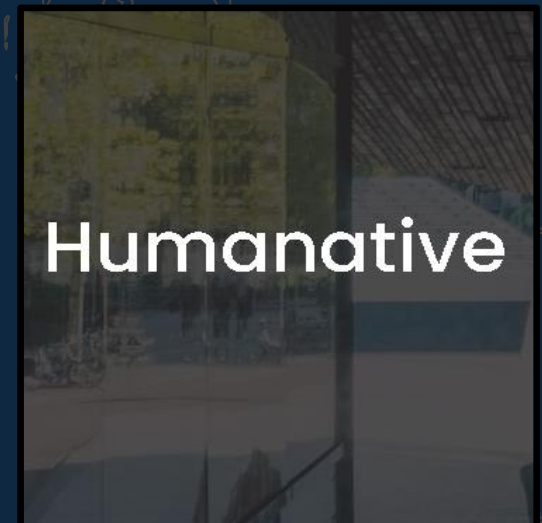
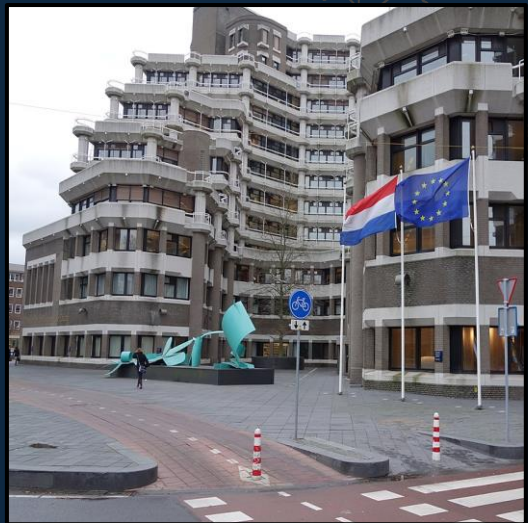


Jochem de Groot
Humanative.nl
ECP Cyberweerbaarheid special





Jochem de Groot



Wereldwijde opmars van cyberdreigingen



60/70s



1990s

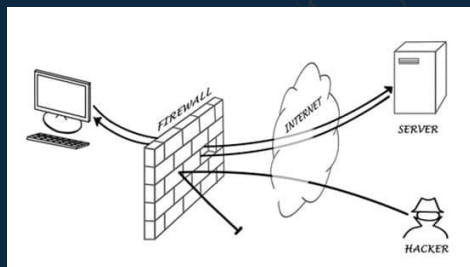


2010s



2024

1980s



2000s



2020s

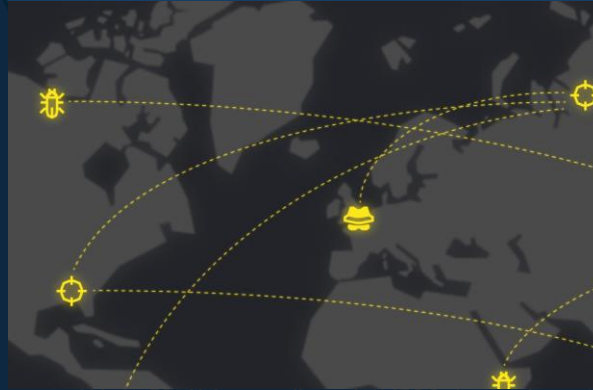


Soorten actoren

Cybercriminelen



Natiestaten



Cyber-mercenaries



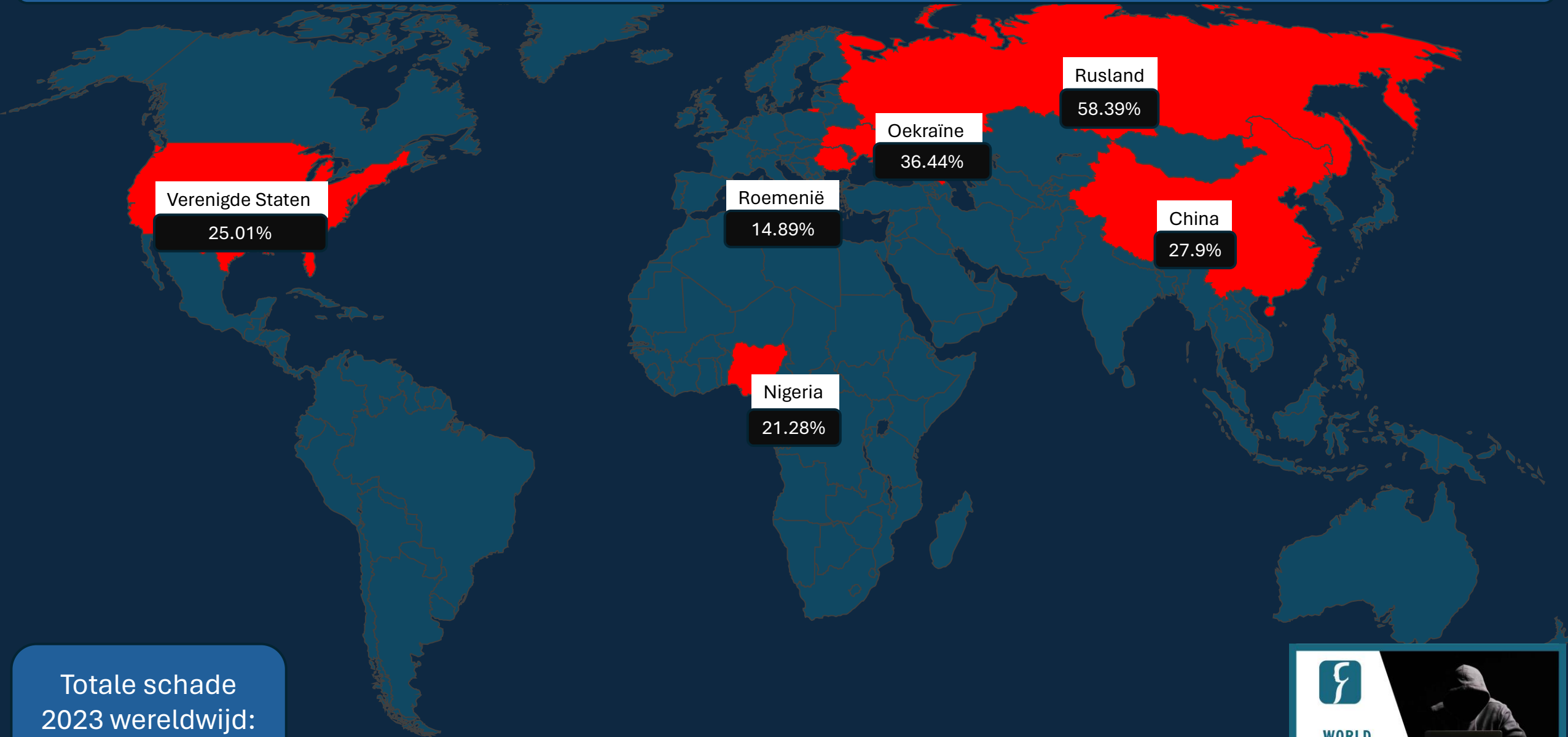
Hacktivisten



Invloedoperaties



Cybercrime (*niet* door statelijke actoren)



Totale schade
2023 wereldwijd:
\$8 biljoen



WORLD
CYBERCRIME
INDEX



De invloed van statelijke actoren in cyberspace: factoren van belang

Strategie & doctrine



Cyber-inlichtingen



Weerbaarheid



Offensieve cybercapaciteit



Command & control

Command and Control (C&C)

CROWDSTRIKE
CYBERSECURITY 101

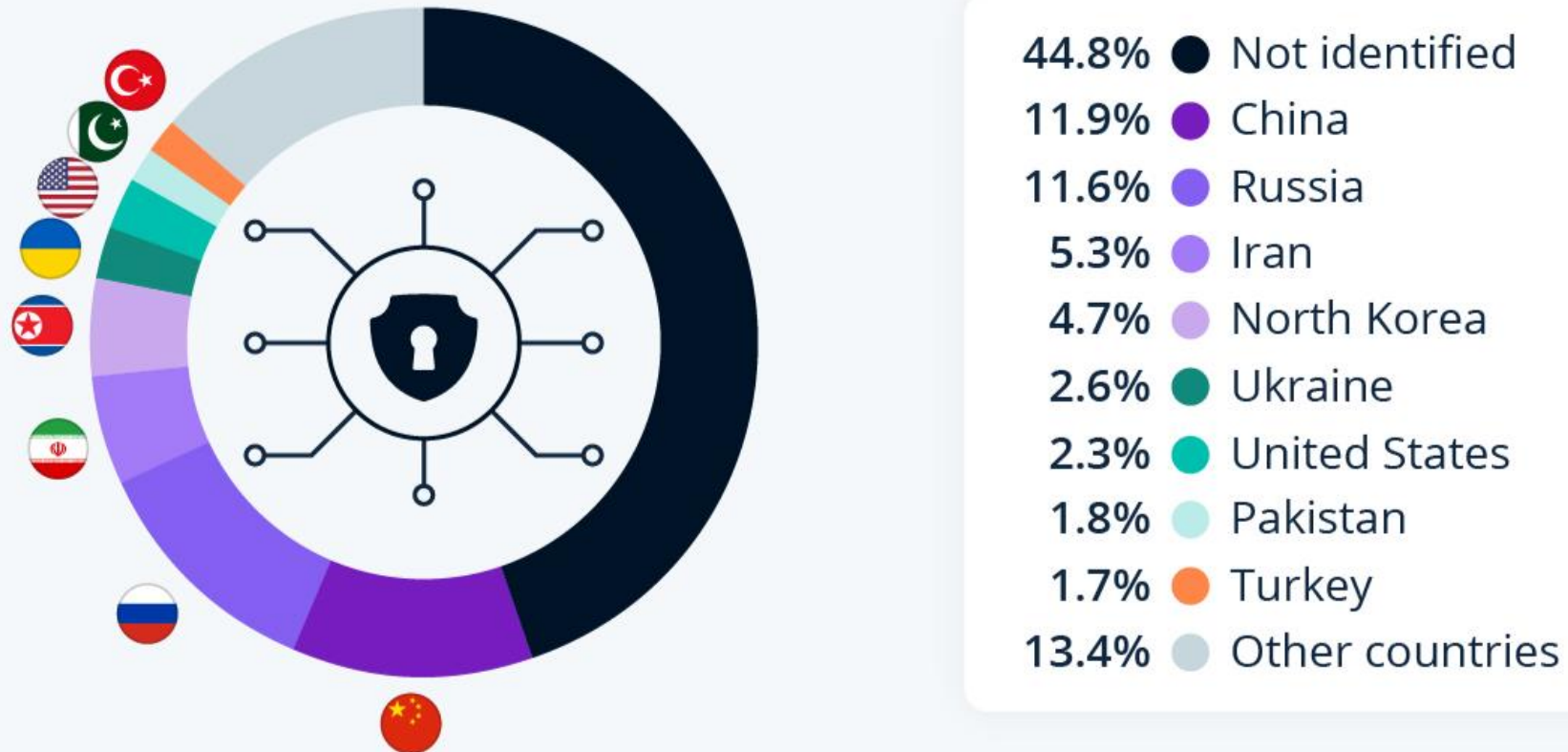
Digitale status & Afhankelijkheid



Wereldwijd leiderschap



Natiestaten achter cyberincidenten met politieke dimensie, 2000-2023



Verenigde Staten, 2023

\$

16.6 miljard



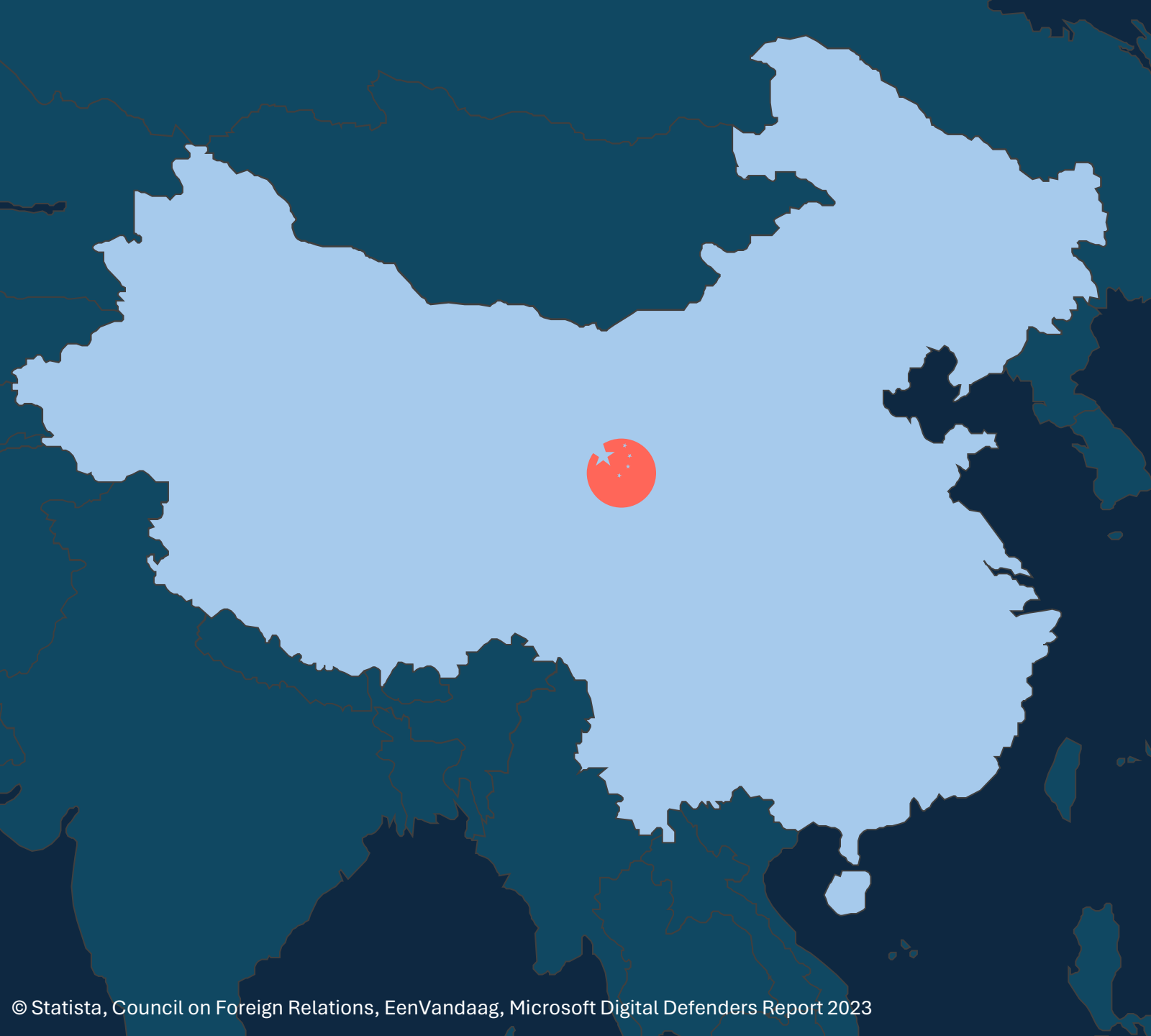
16,500 staf



2



Meer AI-inzet en weren
van China uit kritieke
infrastructuur van VS



China, 2023



13.7 miljard
schatting



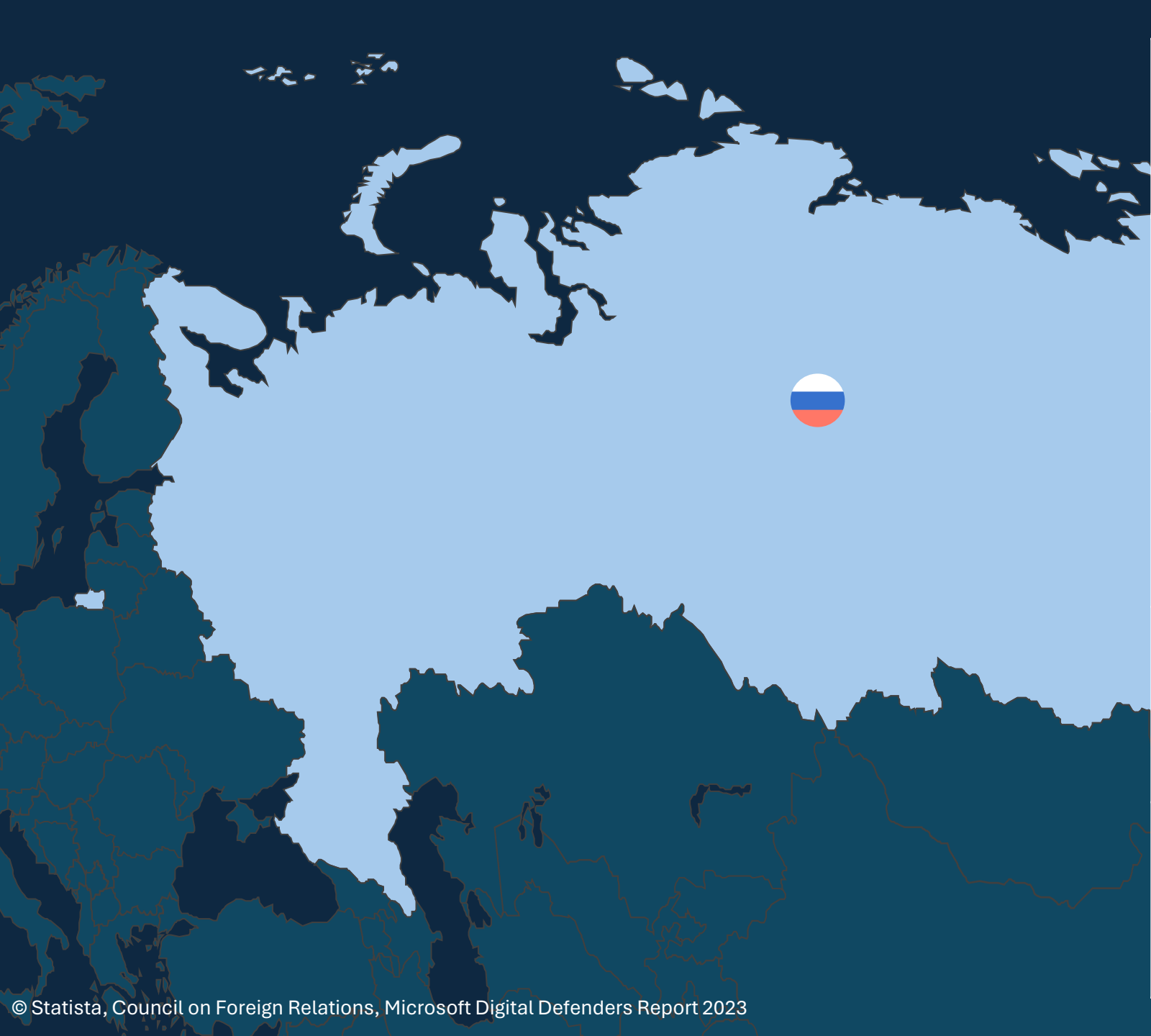
110,000 staf



27



Complexe, langdurige
en wereldwijde
inlichtingenvergaring



Rusland, 2023



onbekend



16,000 staf
schatting



29



Oekraïne en NAVO-
diplomaten, defensie,
transport en media

EU lidstaten, 2023

\$

5.9 miljard



24,000 staf



1



Verhogen cyberdefensie
capaciteit & veiligere EUMS
communicatiemiddelen

Impact AI op de geopolitiek van cyberweerbaarheid

AI biedt aanvallers nieuwe mogelijkheden....

Social engineering



Paswoord hacking



Deepfakes



Data poisoning



...maar helpt ook effectiviteit van cybersecurity

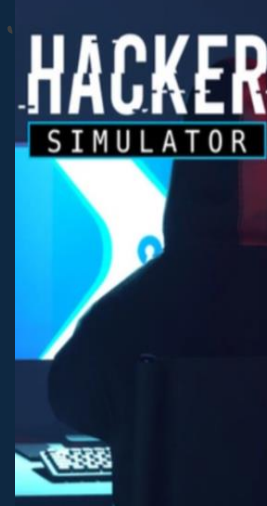
Snellere detectie



Nauwkeurig flaggen



Simulatie tbv training



Data analyse



Cybersecurity en Big Tech



Google Cloud

Operational security

Internet communication

Storage services

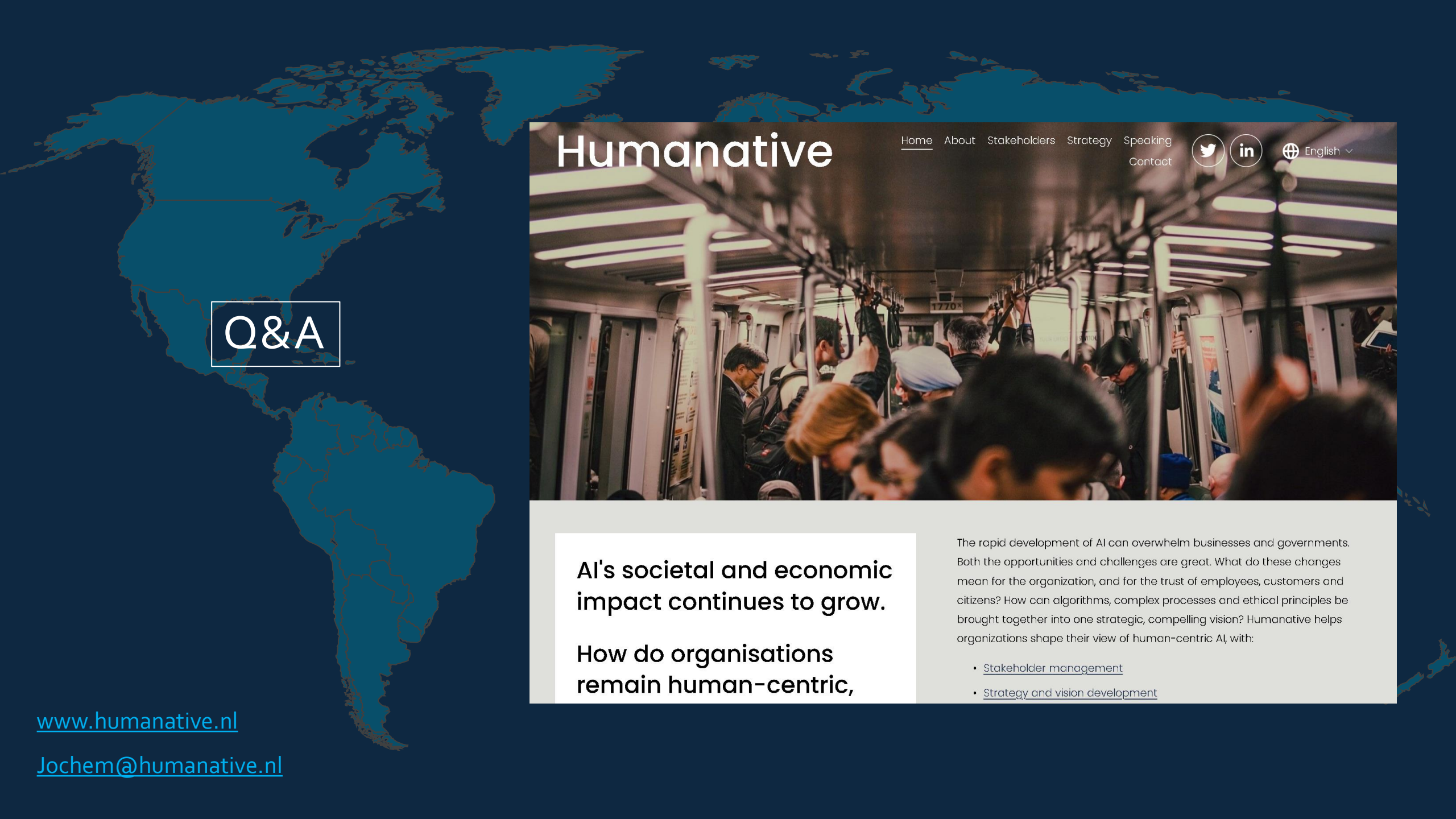
User identity

Service deployment

Hardware infrastructure







Q&A

www.humanative.nl

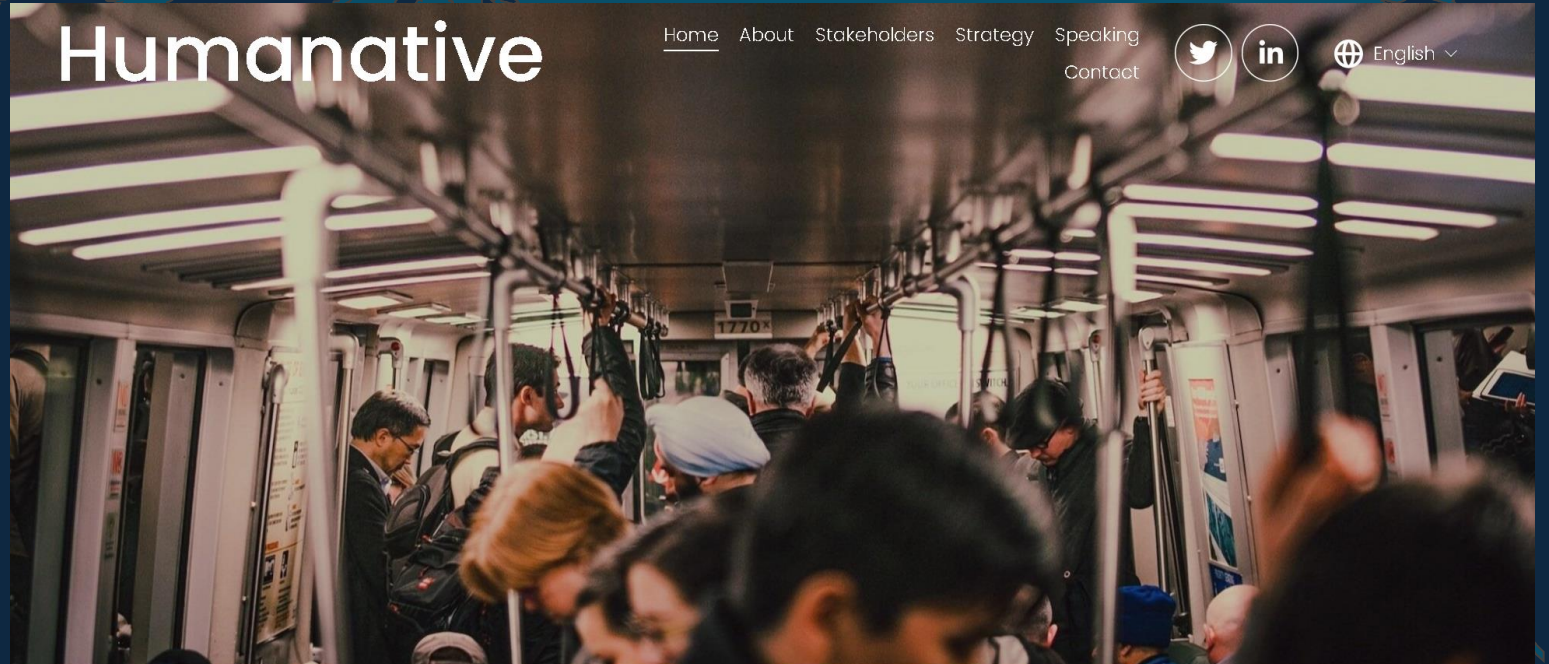
Jochem@humanative.nl

Humanative

[Home](#) [About](#) [Stakeholders](#) [Strategy](#) [Speaking](#)
[Contact](#)



 English ▾



AI's societal and economic impact continues to grow.

How do organisations remain human-centric,

The rapid development of AI can overwhelm businesses and governments. Both the opportunities and challenges are great. What do these changes mean for the organization, and for the trust of employees, customers and citizens? How can algorithms, complex processes and ethical principles be brought together into one strategic, compelling vision? Humanative helps organizations shape their view of human-centric AI, with:

- [Stakeholder management](#)
- [Strategy and vision development](#)