



Cyber Security versus Civil Protection

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The Imitation Game





Propaganda and influence



Digital Vulnerabilities

- Technology
- Digital Value Chains
- International Context

NOU

Norges offentlige utredninger 2015:13

Digital sårbarhet – sikkert samfunn

Beskytte enkeltmennesker og samfunn i en digitalisert verden





Nobody can alone control their own digital vulnerability – we all inherit others' vulnerabilities

Few countries can alone control their own digital vulnerability – most countries inherit vulnerabilities from other countries



Recommendations

- Telecom criticality
- Privacy and Security
- Incident response
- Cyber crime
- Education



Income

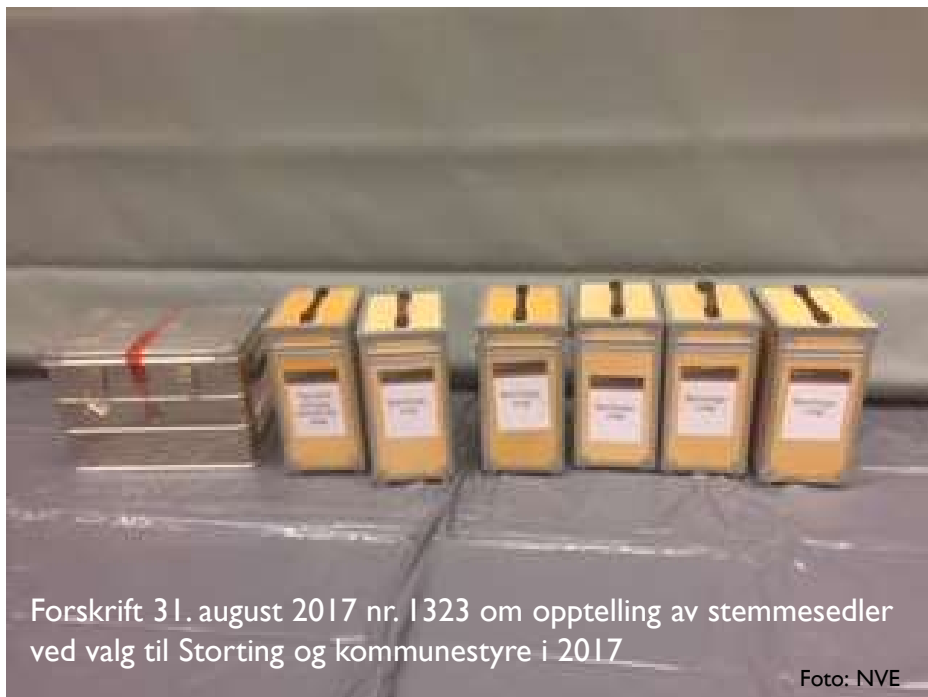
**Digital
Infrastructure
and Energy
Supply**

Democracy

**Elections
Population and
Civil Protection**

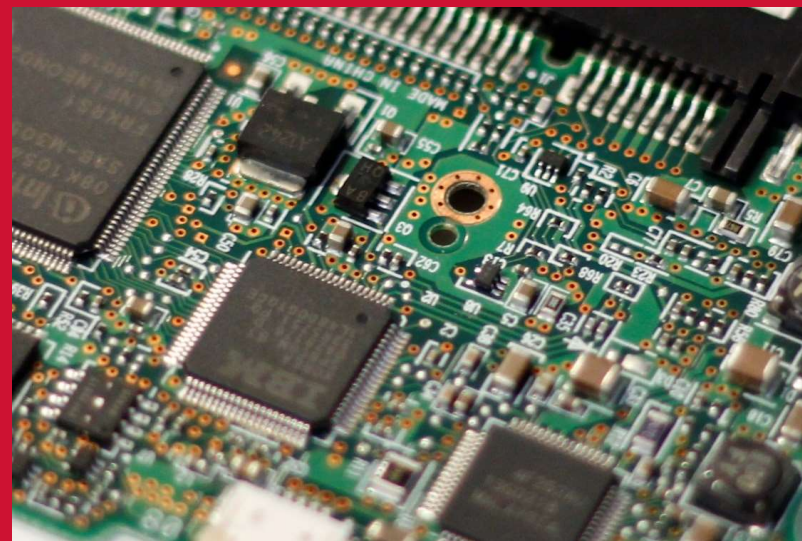


Trust in Elections



Voters' privacy breaches

- The Philippines 2016 55 mill
- Mexico 2016 93,4 mill
- USA 2016 198 mill





The Norwegian Election Act Committee

An aerial photograph of a town nestled in a valley. The town features a mix of residential houses and larger industrial-style buildings. A large lake is visible to the left, and the surrounding mountains are covered in green and brown vegetation. The sky is blue with some clouds. The text "Thank you for your attention" is overlaid in the center of the image.

Thank you for your attention

Foto: Simon Oldani/NVE