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Security Union – NIS 2 Directie

Impact on Research and Education

Alf Moens

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At first there was....

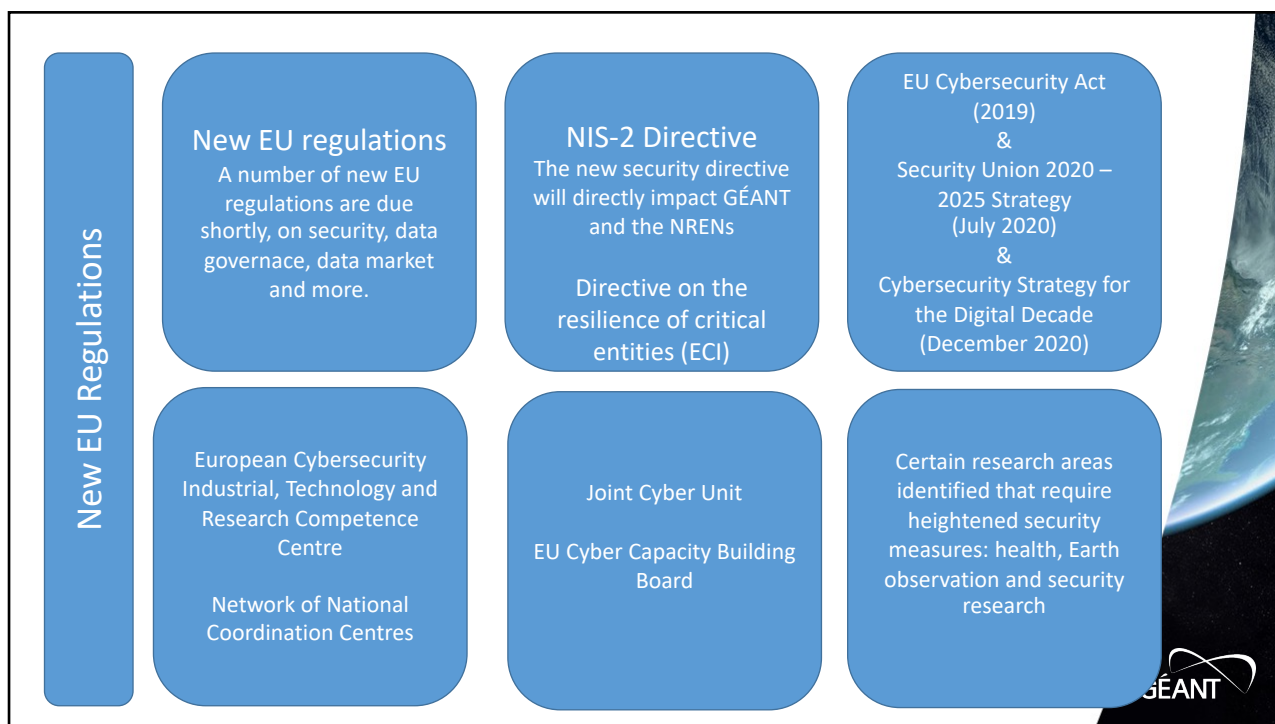
- An NIS directive
- Aimed at critical infrastructures
- R&E ducked the bullet
- Then there was Security Union. No place to hide.

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NIS -2 Directive

What is it?
A regulation to enforce the implementation of adequate security measures for information systems the society depends upon.

Who is it for?
Organisations in almost all sectors that are vital or important to keep society afloat.

In or out of scope?
This directive is aimed to broaden the scope of the previous one and make it more explicit. Research and Education is intentionally included, not specifically mentioned

Impact on security
Organisations will have to comply with international security standards and they will have to show compliance.

Supervision and auditing
There will be a national supervising body that will also have the power to enforce compliance. Peer reviewing and external auditing are to be expected.

When?
About end 2022 final text in EU parliament then start implementation in Member States which might take another 2 years.



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NIS -2 Directive - Scope

Essential or Important

Oversight


- The entity is the sole provider of a service in a Member State
- The entity is critical because of its specific importance at national level or for a particular sector

Government Agency
If you are a government agency you are within scope.

TLD
If you are the registry of a TLD you are within scope

DNS
DNS service providers provides recursive or authoritative domain name resolution services to internet end-users and other DNS service providers

Cloud and trust



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NIS -2 Directive - Impact

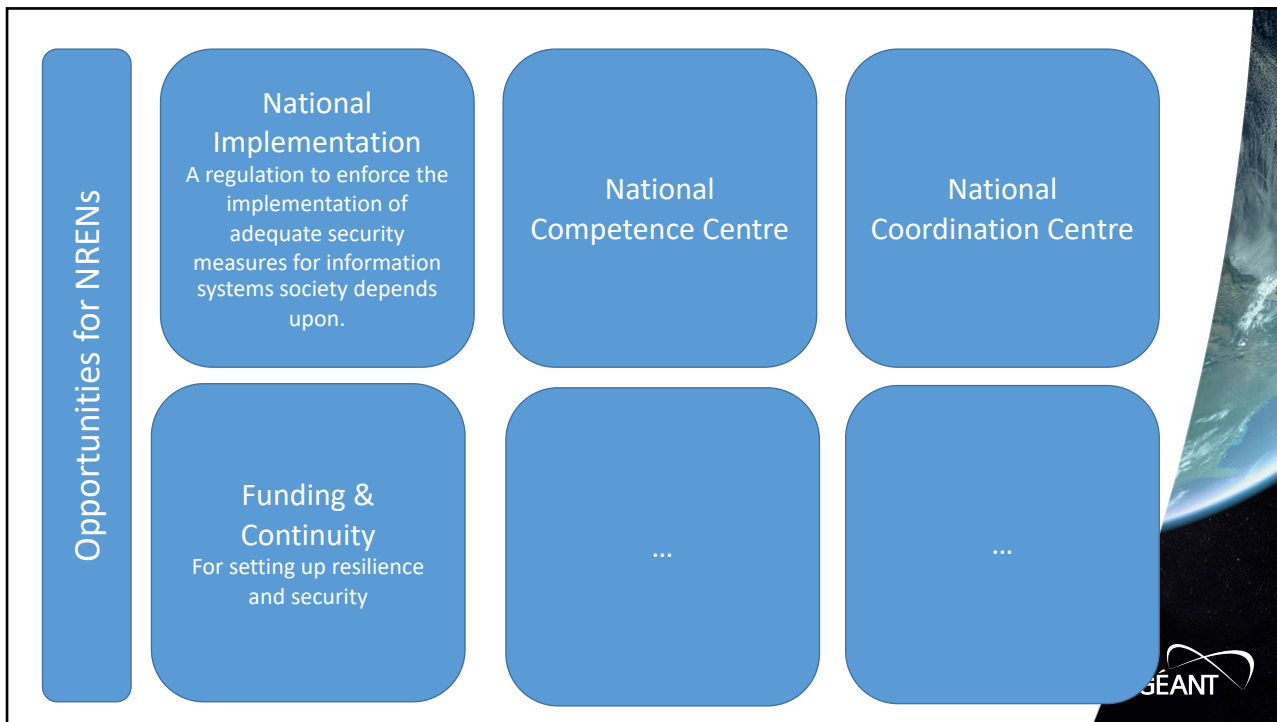
- Standards**
Organisations will have to comply with international security standards and they will have to show compliance. The standards and method of oversight will be set by a national authority
- Oversight**
Essential entities will have to show compliance with standards and report to a supervising body
- Certification?**
The choice of standards and the suggested oversight will probably be very close to ISO standards and certification. Not all NREN activities are in scope.
- Risk Management**
The Directive explicitly requires essential entities to identify risks and manage them
- Information Sharing**
- Incident reporting**
Obligations to report security incidents to a national authority

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NIS -2 Directive - Pitfalls

- National Implementation**
The directive needs to be implemented by each member state, this may result in different choices for standards, supervision and scope.
- National Supervision**
A national supervising authority will be required to do pre and post compliance checking
- National assignment**
A national agency will decide which organisation will be in what category. If you are a government agency there is no escape.
- National Standards (Oops)**
A national agency will decide on what standards will be used in a country
- ...**
- And then. There was the DNS part....**

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alf.moens @ geant.org
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