

OPENKRITIS

EU RCE directive
Resilience for EU operators

Briefing kit

May 18, 2021 · OpenKRITIS

Executive summary

EU RCE
Directive on the resilience of
critical entities

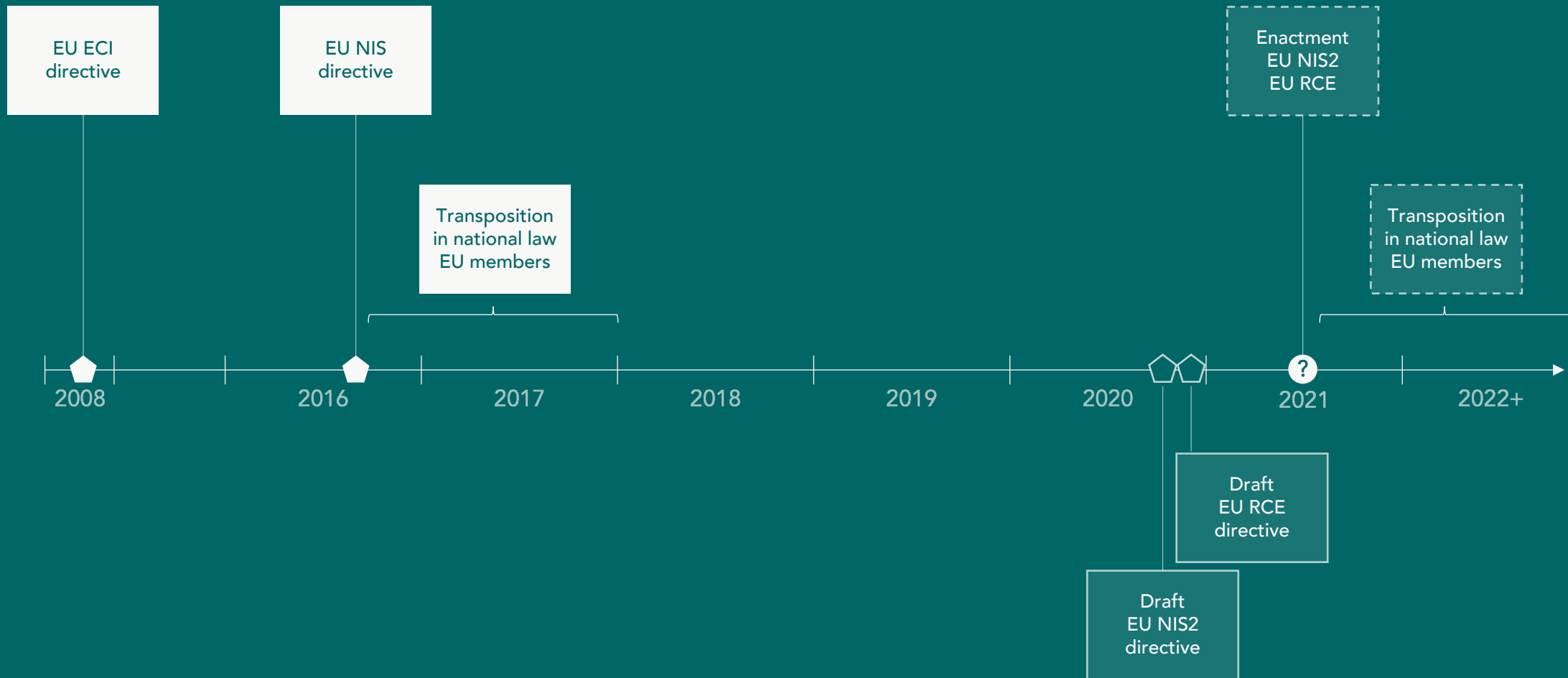
RCE is the resilience baseline for EU operators. Companies that provide critical services in the EU will be regulated for resilience and risk and supervised.

RCE main components

1. Critical EU sectors and entities
2. Resilience requirements for operators
3. National governance, EU oversight

RCE is EU legislation that still needs to be enacted by the EU. It will then be transposed into national law by EU member states.
Operators should act soon.

EU critical infrastructure legislation



Regulation through EU RCE

Critical sectors



10 sectors

Resilience



6 cluster

EU and national supervision



Resilience

Sanctions and enforcement



National

Critical sectors in the EU



Critical sectors

- ❑ Energy: electricity, oil, gas, heat, hydrogen
- ❑ Health: providers, labs, R&D, pharma
- ❑ Transport: air, rail, water, road
- ❑ Water and waste water
- ❑ Space
- ❑ Public administration
- ❑ Banks
- ❑ Financial markets
- ❑ Digital: IXP, DNS, TLD, DC, CSP, CDN, TSP

Operators in RCE identified by national states according to disruptive effect.

Resilience in RCE



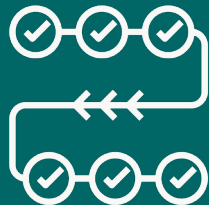
Prevention



Physical security



Crisis



BCM



Personnel



Awareness

RCE operator responsibilities

- Operators are obliged to implement resilience
- Measures to be selected based on risk and threats to services
- Additional incident notification requirements to the state
- Normative resilience will be prescribed in national laws
- EU defines a baseline

EU and national cooperation

7

National governance



Member states

- National resilience strategies
- Competent authorities for resilience
- State identification of operators
- Incident reporting and threats

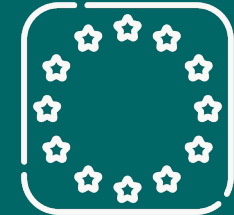
Cooperation



Collaboration in the EU

- Information sharing for cross-border incidents and pan-EU operators
- Assessment of EU-wide risks and operators

EU oversight



EU

- EU CERG as cooperation body
- EU register of operators and risks
- Special operators of particular European relevance
- Oversight by the commission

RCE vs NIS2

	EU RCE	EU NIS2	IT-SiG 2.0 (DE)
Sectors	10 Critical	10 Essential 6 Important	8 Critical KRITIS 3 Important UNBÖFI
Operators	National identification Entities reported to EU	Medium and large enterprises Registration to ENISA by DSPs	Thresholds + self-identification
Measures	For critical services: a. Prevention b. Physical security c. Crisis management d. BCM and suppliers e. Personnel security f. Awareness	For networks and IT systems: a. Policies b. Incident Management c. BCM and crisis management d. Supply chain security e. Test and audit f. Cryptography	For IT of critical services: a. Security organization b. Secure technologies c. Cyber attack detection d. Critical components
Actions	Risk analysis and planning Incident reporting	Incident reporting	Self-identification Registration Incident reporting Scope definition Audit and evidence
Authority	Resilience authority	Cyber authorities, CSIRT	BSI

What next?



EU
Enact RCE and NIS2 in 2021
Define methods and standards

Member states
Transpose RCE in national law
Normative definitions for operators

Operators
Check RCE scope in services
Improve resilience posture

EU NIS2
Draft from December 2020
to be enacted in the EU
2020/0359 (COD)

EU RCE
Draft from December 2020
to be enacted in the EU
2020/0365 (COD)

National legislation
Both NIS2 and RCE need to be
transposed into national law
within 18 months

Need to learn more on critical infrastructures?

openkritis.de – free information resource (in German)

Still missing the right approach?

I love to help: insignals.net

OpenKRITIS

Open information resource on critical infrastructures.

Briefing Kit EU RCE

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- [Proposed EU NIS2 directive](#), 2020/0359 (COD), 16.12.2020
- [Annex to NIS2 directive](#), COM(2020) 823 final, 16.12.2020
- [Proposed EU RCE directive](#), COM(2020) 829 final, 16.12.2020
- [Annex to EU RCE directive](#), COM(2020) 829 final ANNEX, 16.12.2020
- [EU NIS directive 2016](#) , EU 2016/1148
- [Der europäische Kontext](#), EU NIS2, OpenKRITIS Mai 2021
- [Resilienz in der EU](#), EU NIS2, OpenKRITIS Mai 2021