

OPENKRITIS

EU RCE directive
Resilience for EU operators

Briefing

November 19, 2021 · OpenKRITIS

Executive summary

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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.

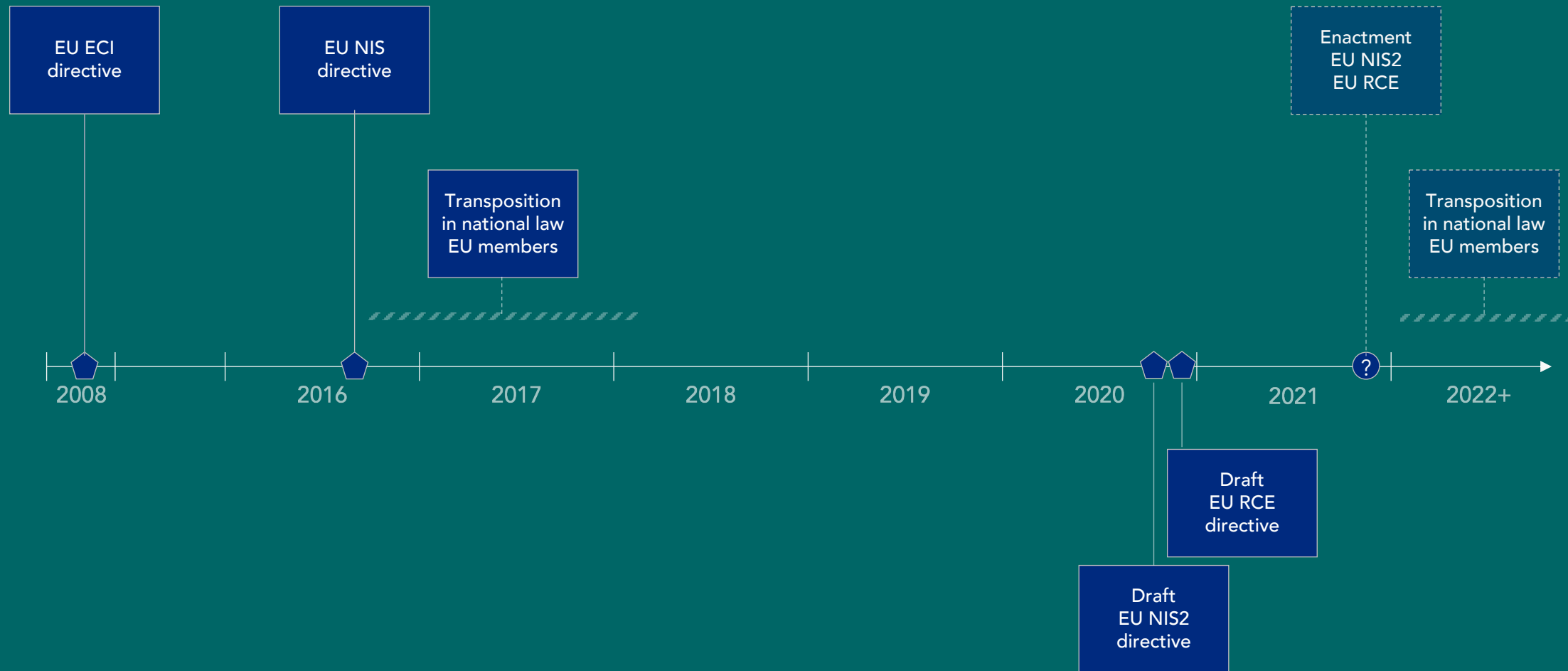
RCE main components

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

3



Regulation through EU RCE

4

Critical sectors



10 sectors

Resilience



6 cluster

EU and national supervision



Resilience

Sanctions and enforcement



National

Critical sectors in the EU

5



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

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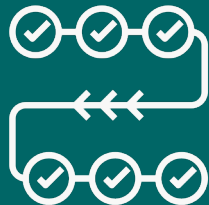
Prevention



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

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National governance



Member states

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

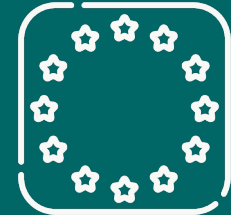
Cooperation



Collaboration in the EU

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

Oversight



European Union

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

EU RCE vs EU NIS2

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	EU RCE	EU NIS2	IT-SiG 2.0
Sectors	10 Critical	10 Essential 6 Important	8 Critical KRITIS 3 Important UBI
Operators	Identified by national gov's Entities reported to EU	Medium and large enterprises DSP register with ENISA	National thresholds with operators self-identification
Measures	<i>For critical services:</i> <ol style="list-style-type: none"> Prevention Physical security Crisis management BCM and suppliers Personnel security Awareness 	<i>For networks and IT systems:</i> <ol style="list-style-type: none"> Policies Incident Management BCM and crisis management Supply chain security Test and audit Cryptography 	<i>For IT of critical services:</i> <ol style="list-style-type: none"> Security organization Secure technologies Cyber attack detection Critical components
Reporting	Incident reporting Risk analysis and planning	Incident reporting Audit and evidence	Self-identification/registration Incident reporting Scope definition Audit and evidence
National	Resilience authority - Inspections and audits	Cyber authorities, CSIRT - Enforcement, audits, sanctions	BSI - Evidences, audits, sanctions

What next?

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Brussels, 16.12.2020
COM(2020) 823 final
2020/0359 (COD)

Proposal for a

DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on measures for a high common level of cybersecurity across the Union, repealing
Directive (EU) 2016/1148

(Text with EEA relevance)

{SEC(2020) 430 final} - {SWD(2020) 344 final} - {SWD(2020) 345 final}



Brussels, 16.12.2020
COM(2020) 829 final
2020/0365 (COD)

Proposal for a

DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on the resilience of critical entities

{SEC(2020) 433 final} - {SWD(2020) 358 final} - {SWD(2020) 359 final}

EU

Enact RCE and NIS2 in 2021/22
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

Don't miss out on Critical Infrastructures!

Complete article on OpenKRITIS.de: [EU NIS2 and RCE](#)

(40+ more articles, podcast, webinars)

OpenKRITIS

Independent information resource for critical infrastructures.

Briefing EU RCE

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