

The use of EN45554 in EU policy

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3 April 2025 - ECOS & ANEC Webinar on Reparability Standards

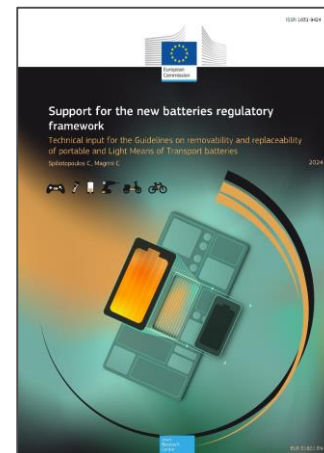
Storyline



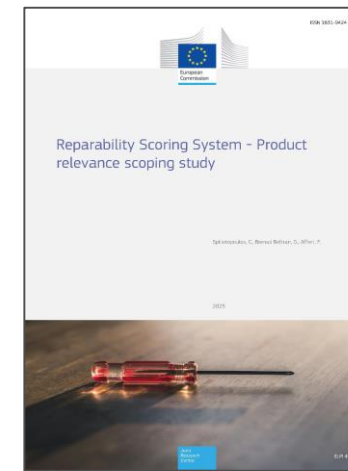
RSS General Method



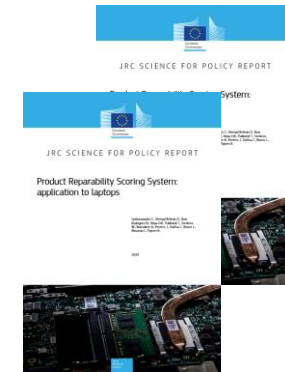
RSS Smartphones / Tablets



Portable Batteries RR

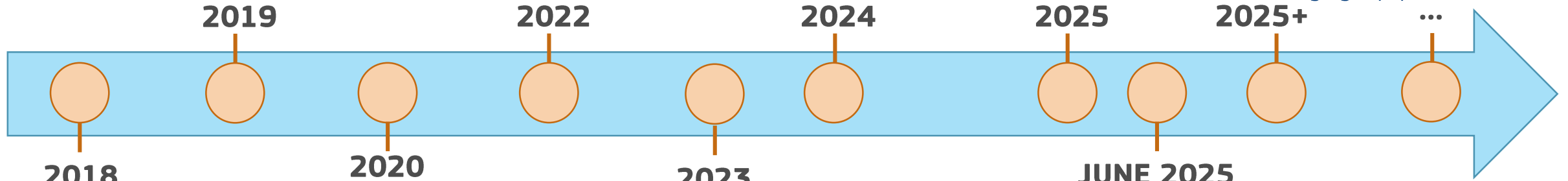


RSS Scoping Study



RSS Computers
RSS Imaging Equip

Reparability
Horizontal Reqs?



2018

2019

2020

2022

2023

2024

2025

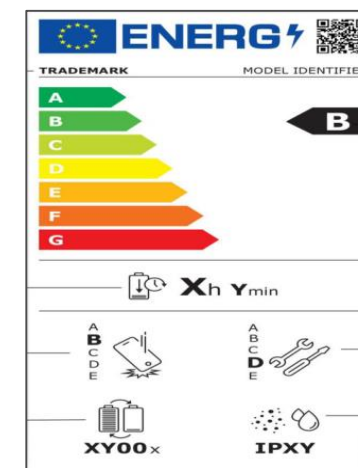
2025+

...

Development of EN45554

Energy Labelling REG for
smartphones and tablets

Smartphone and Tablet
Labels ON THE MARKET



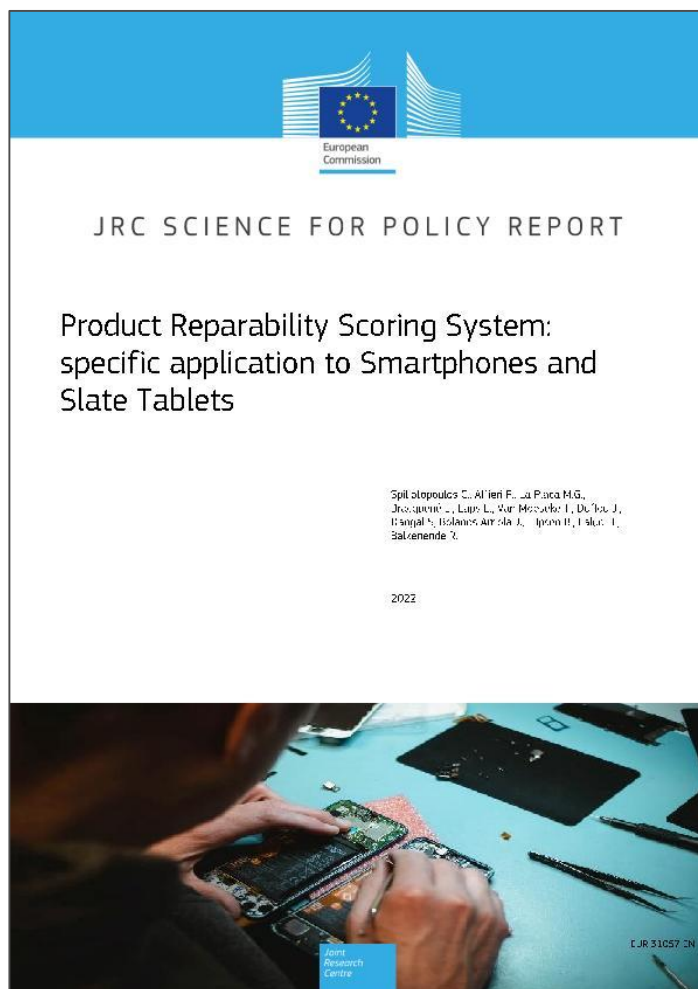
JRC RSS General Method (2019)



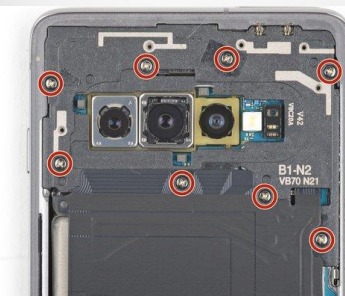
- Contextualised for EU regulatory application
- Expanded on reparability parameters
- Introduced elements of verification and market surveillance
- Offered product examples

<https://publications.jrc.ec.europa.eu/repository/handle/JRC114337>

JRC RSS Smartphones / Tablets (2022)



- First EU-wide product-specific application
- Adapted selection of priority parts and parameters to product specificities
- Incorporated results of real-life testing on models on the market
- Offered concrete advice on disassembly

[illegible]

Images: iFixit; JRC

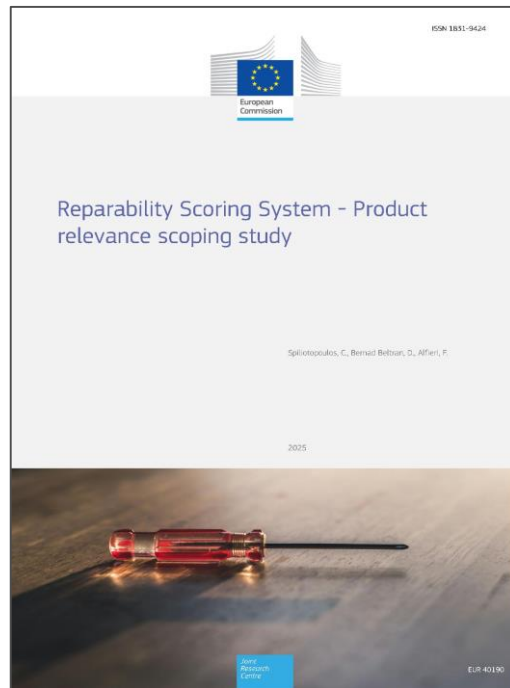
<https://publications.jrc.ec.europa.eu/repository/handle/JRC128672>

Portable Batteries RR (2024) / RSS Scoping Study (2025)



- Adopted and adapted EN45554 principles to provide guidance for Portable Batteries Removability and Replaceability

<https://publications.jrc.ec.europa.eu/repository/handle/JRC136588>



- Proposed product priorities for RSS on the basis of the JRC General Method

<https://publications.jrc.ec.europa.eu/repository/handle/JRC139725>

Future

- Review
- Apply, apply, apply at product-specific level
- Produce Data!

Thank you

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