

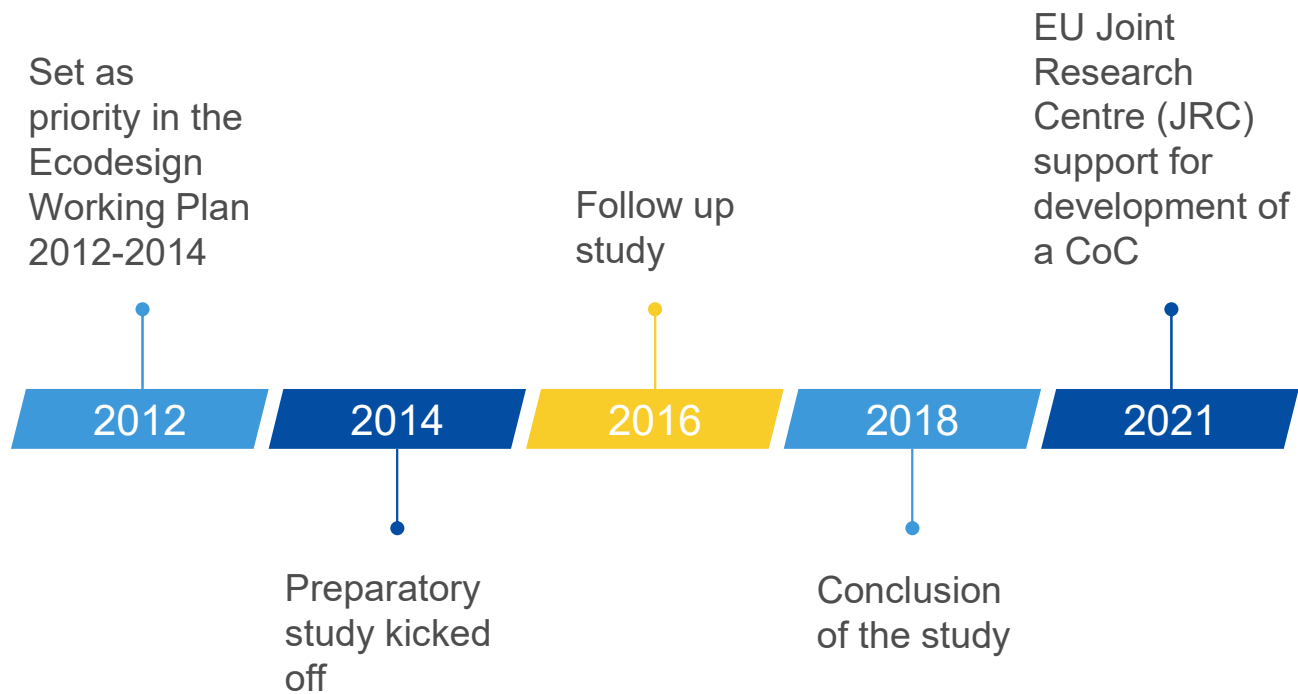
Code of Conduct: Interoperability of Energy Smart Appliances



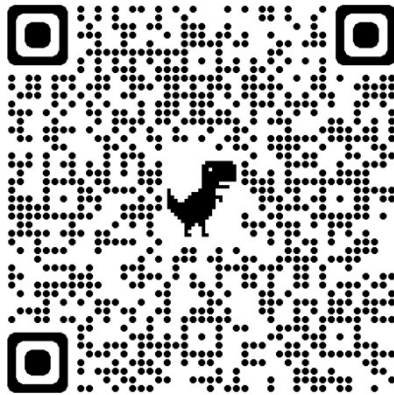
Georgios Takoudis – DG ENER
Project Team functional email:
(JRC-ENERGY-SMART-APPLIANCES@ec.europa.eu)



Energy Smart Appliances in EU law making



Development of a CoC on the Interoperability of ESA



Legal notice | Cookies | Contact | Search | English (en) ▼

 **JOINT RESEARCH CENTRE**
Smart Electricity Systems and Interoperability

European Commission > JRC > Smart Electricity Systems and Interoperability

[HOME](#) [ABOUT US](#) [CORE ACTIVITIES](#) [PROJECTS](#) [LABORATORY](#) [NEWS & EVENTS](#) [PUBLICATIONS](#) [MAPS & TOOLS](#)

Support on the development of policy proposals for energy smart appliances

Policy support for a wide-scale deployment of energy-smart appliances is a complex matter, crossing the fields of product and digital-related policy instruments. Any potential measure would not directly address energy efficiency, but instead will essentially seek to certify a specific 'energy-smart' behaviour of products.

DG ENER and the Joint Research Centre aim to propose a **Code of Conduct (CoC) to the energy smart appliances (ESA) manufacturers** for adherence. The design of the CoC addresses two main challenges:

- The definition of the principles for data sharing among appliances, home & building automation systems, EV chargers, aggregators, DSOs
- The development of Interoperability requirements for ESA

Stakeholders (industry, NGOs, academia) and Member States authorities will be involved in this process. Involvement and communication with stakeholders will be undertaken in a combination of questionnaires, webinars and physical meetings. The coordination of stakeholders will be carried out jointly by DG ENER and the JRC. **Please contact us via email JRC-ENERGY-SMART-APPLIANCES@ec.europa.eu to follow the developments of the project and be part of the co-design of the CoC.**

A dedicated EC services Task Force will be set up to coordinate this action and coordination between different policy areas, ensuring broader political buy-in.

NEWS

Result of the Workshop 24 th March
Please, find here the presentation at the Workshop:

- [Result of the survey launched with the contribution from the stakeholders.](#)

As we announced in the WS, please, send your contribution through the [online survey](#).

First Draft of Code of Conduct on Energy management related Interoperability of Energy Smart Appliances
Please, find the document [here](#)

Development of a CoC on the interoperability of ESA

Technical Reports



Jul - 22

Jan - 23

Surveys



Sep - 22

Feb - 23

Apr - 23

Code of Conduct



Aug - 23

Signature



Dec- 23

Roundtable meetings



Dec - 22

Feb - 23

Apr - 23

Workshops



Nov - 22

Mar - 23

Jun - 23

Development of a CoC on the interoperability of ESA

Code of Conduct



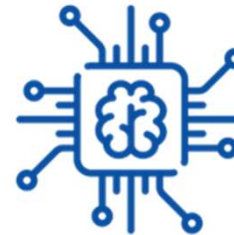
Aug - 23

Signature



Dec- 23

At least one ESA
model on the market



Dec- 24

Most ESA models
on the market



Dec- 26

Ongoing work – future plans

Methodology

- Checking compliance with the CoC

Look into products/ use cases for the new versions of the CoC

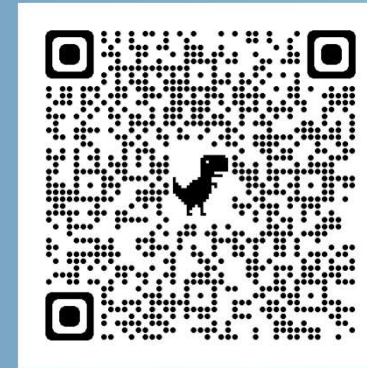
- Among the products mentioned in JRC report / on the website

Exploiting the energy system flexibility

- Look into Energy Management Systems

Thank you

CoC Project's Website



Other links|: Smart Grid Interoperability Laboratory (SGILAB).

- *Smart Grid Interoperability Laboratory (Annual report)*
<https://publications.jrc.ec.europa.eu/repository/handle/JRC128465>
- *Smart Grid Design of Interoperability Tests (SG-DoIT)*
<https://ses.jrc.ec.europa.eu/sgdoit>
- *Smart Electricity Systems and Interoperability:*
<https://ses.jrc.ec.europa.eu/>



© European Union 2023

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.