

Hourglass Model for JRC code of conduct





Code of Conduct on interoperability of Energy Smart Appliances



- **Code of Conduct for interoperability** of **appliances** that provide **demand flexibility**
- Energy Smart Appliances should:
 - Support **common functionalities** (i.e. use cases)
 - Exchange the **same information** elements to enable **these functionalities**
 - Ensure that the **meaning** of the exchanged **information** is **the same** across the board (i.e. semantic interoperability)
- Manufacturers may **implement** this via **different technical solutions**

Functionalities

● Flexible start for White Goods

● Monitoring of Power Consumption

● Incentive Table based Power Consumption Management

● Limitation of Power Consumption

● Manual operation

● Mandatory for white goods

● Mandatory for HVAC





Project Website

Phase 2 of the CoC



Map more Protocols

Matter

HCA

SPINE

SPINE-IoT

...



Increase Devices

Energy
Management
Systems

PV inverters

EV chargers



Include Services
(or adapt old ones)

S2

Depending
on protocols
& devices



Engaging manufacturers
& Promoting dialogue

Surveys

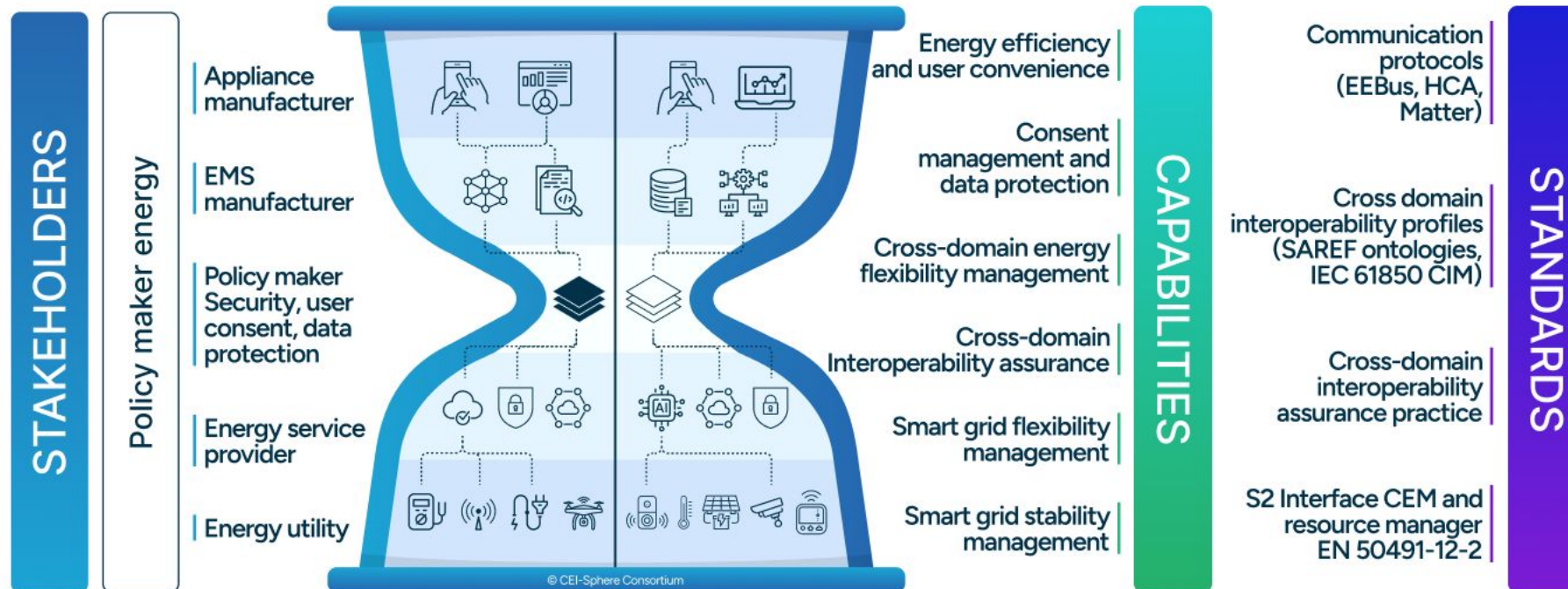
Workshops

Bilateral meetings

Working group(s)

EU JRC Code of Conduct for Energy Smart Appliances

<https://ses.jrc.ec.europa.eu/development-of-policy-proposals-for-energy-smart-appliances>



EU JRC Code of Conduct for EV chargers

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