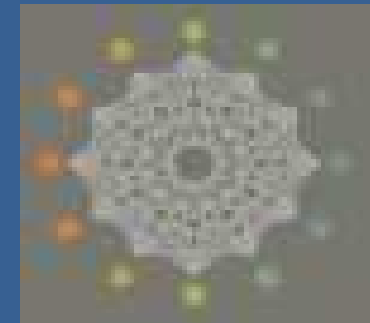


ONE EUROPE
ONE LANGUAGE
ONE SMART HOME



Patricia MARTIGNE, on behalf of AGORA
patricia.martigne@orange.com

Ecodesign preparatory study on Smart Appliances,
Brussels 2015 March, 10th

Common demonstrator in Amsterdam (EUW2014)

- 3 national initiatives in Europe that worked in parallel to address some Smart Home (SH) related use cases:
 - Agora, French actors of the SH multiple use cases
 - eeBus, German association focused on energy use cases of SH
 - energy@home, Italian project about energy consumption optimization of appliances
- Wish to share our experiences and prepare convergence where possible
- concrete convergence first showed at the EUW, in Amsterdam (autumn 2014)

Overview on @GORA use cases

@GORA
du réseau domiciliaire

actility

Bouygues

DELTA DORE

EDF

freescale

hager

HYDRELIS

Mstar

legrand

SAGEMCOM

Schneider Electric

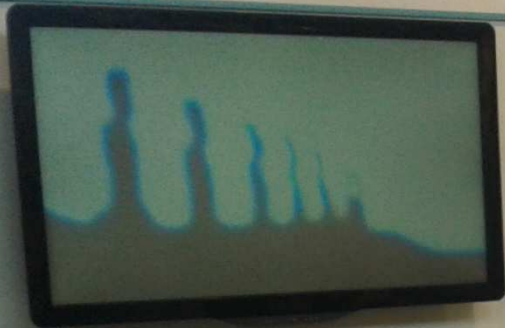
SOMFY

ST

Technicolor

VEDLIA

EEBus stand



Multimedia Service

Internet Access



Energy Service



Alarm Service



Water Service



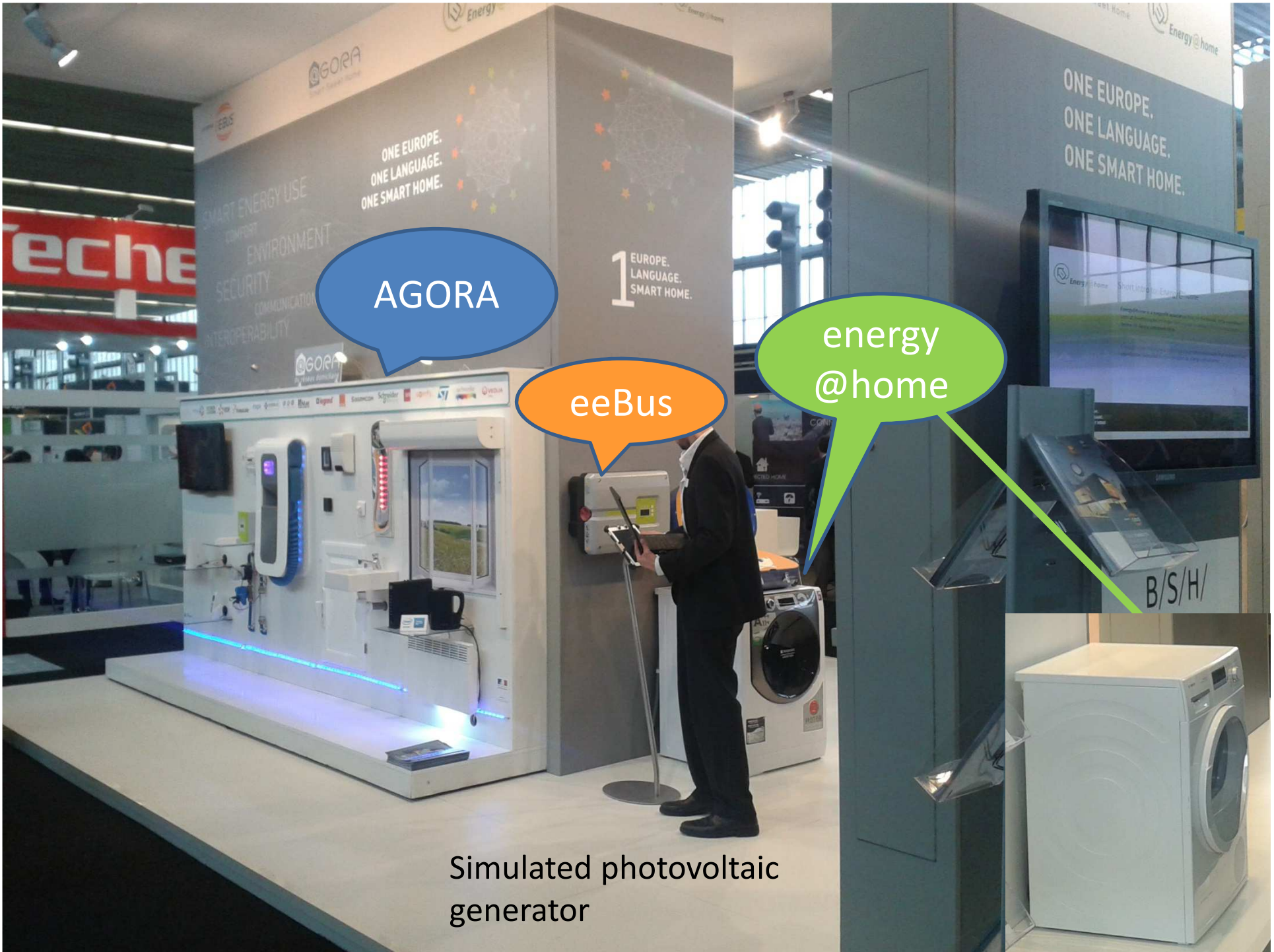
Comfort Service



HOME BUS

ECE PARIS

4.CH17 S



AGORA

eeBus

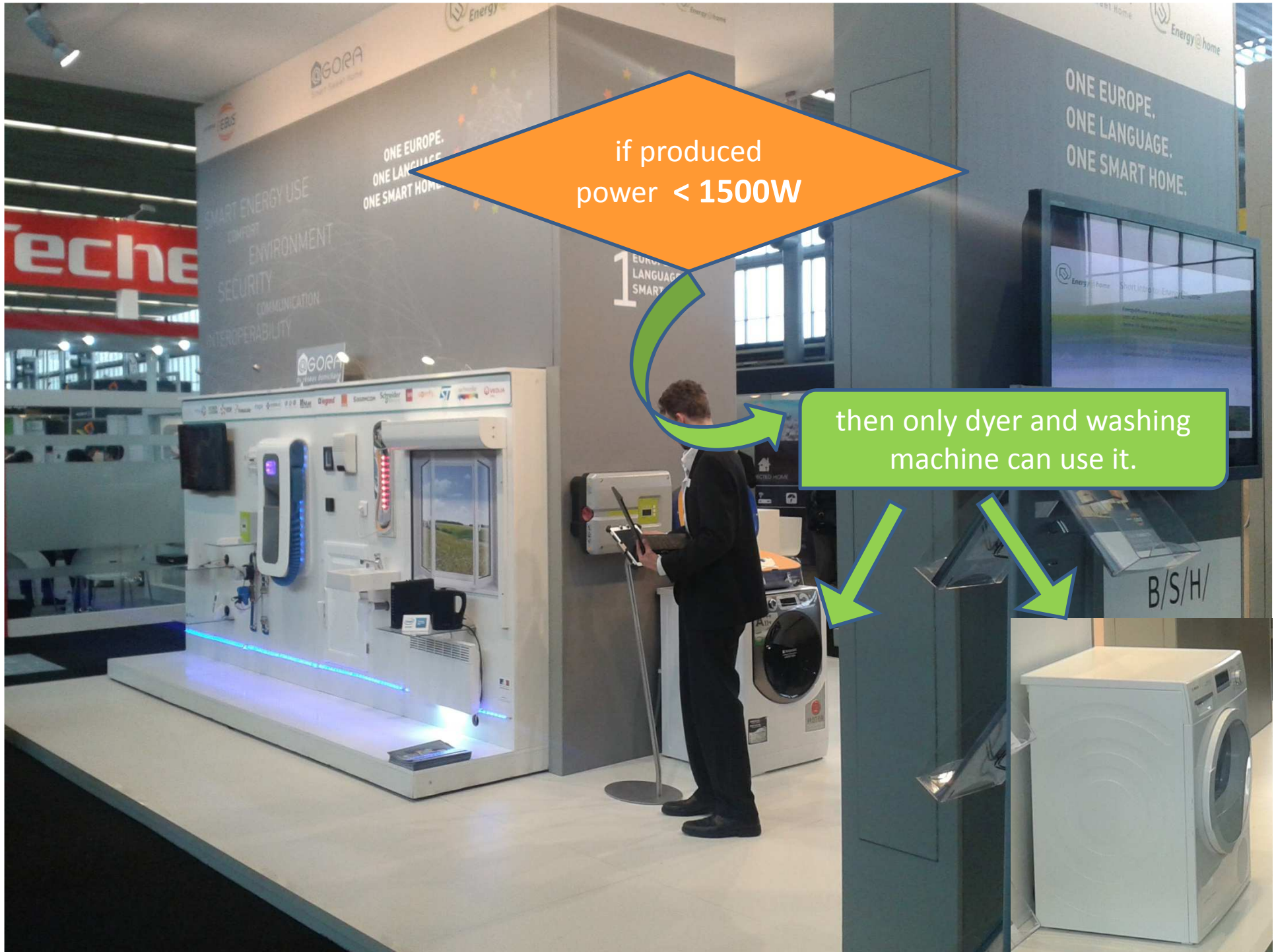
energy@home

Simulated photovoltaic generator



**Simulated photovoltaic generator +
Local regulator decision to send the
available power to the network or to keep
it locally for activation of e.g. the dryer,
then the washing machine**





if produced power < 1500W

then only dryer and washing machine can use it.





if produced
power > 1500W

dryer and washing
machine can use it.

then boiler and heater can
also use it.

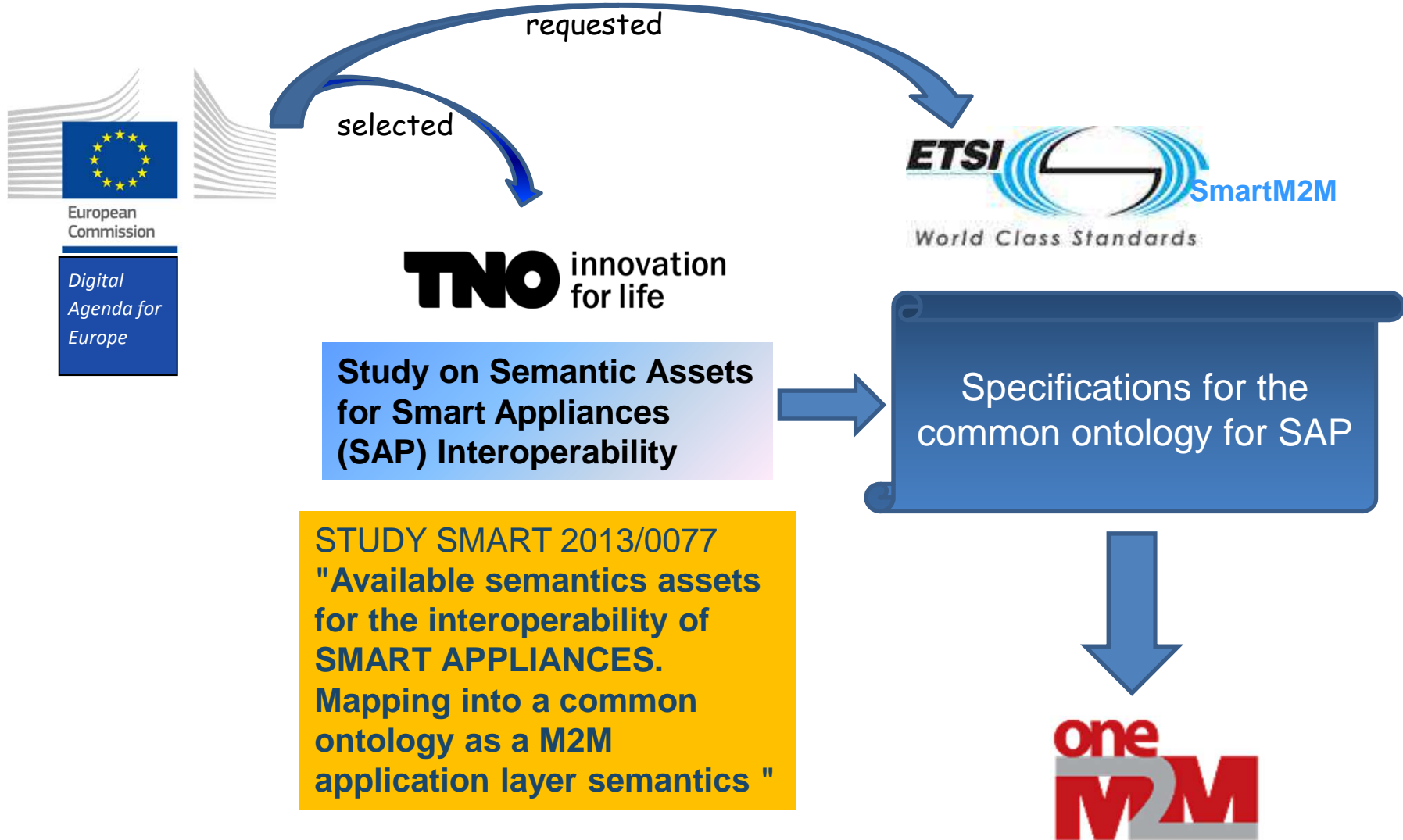


Further steps altogether

- Converge on Data Model that will enable interoperability
- **Smart Appliances reference (SAREF)** ontology describes the concepts for SAP
 - standardization process in ETSI SmartM2M
- instantiation of this reference Ontology for a common data model = shared target among Agora, eeBus & energy@home.

**further information related to the
process & roadmap
about the SAREF ontology :**

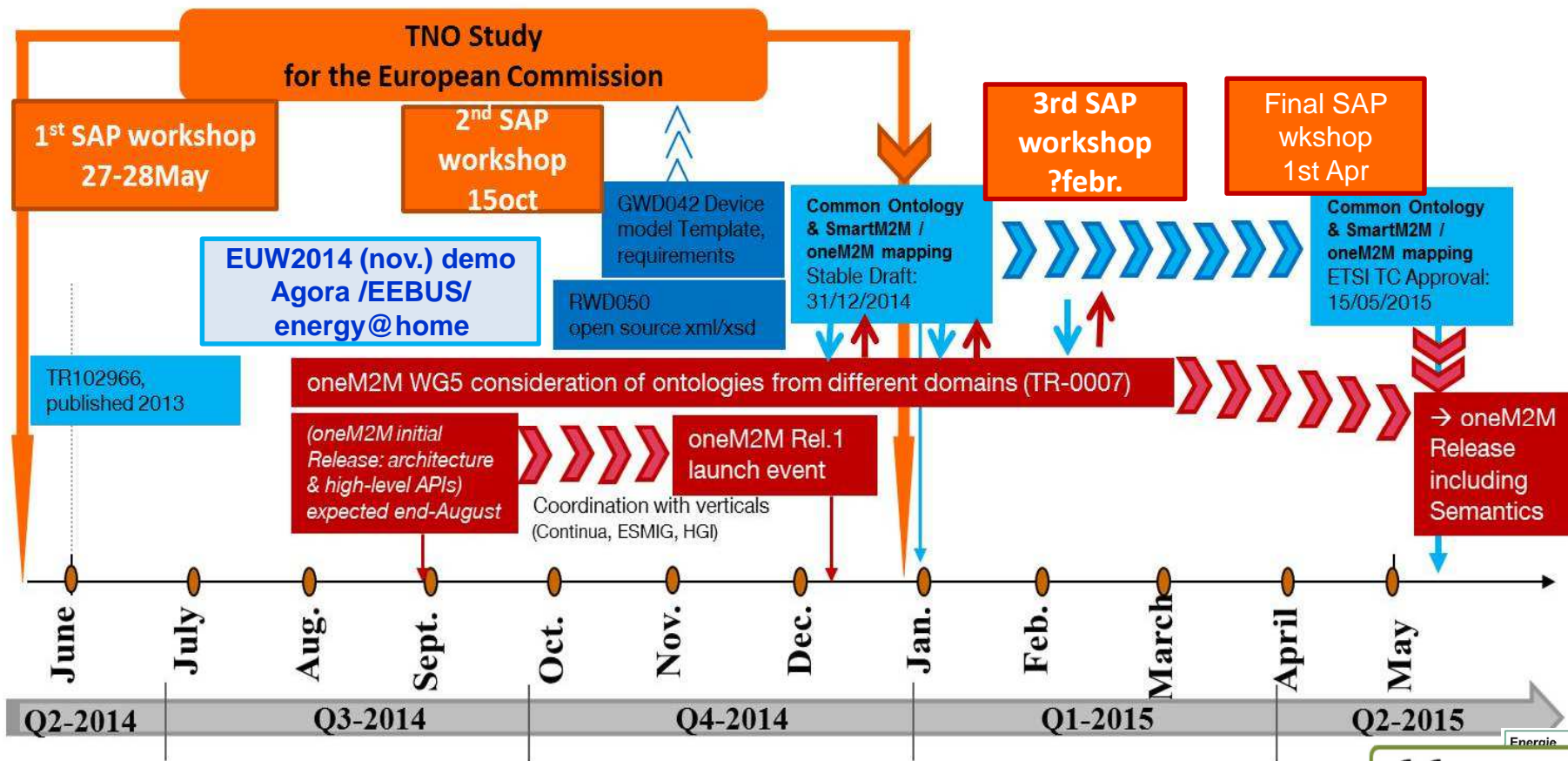
The SAREF ontology process



Possible roadmap (personal illustration) wrt M2M standardization activities



Standardization activities around a common data model & ontology for Smart Home



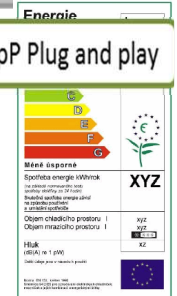
Smart APpliances (SAP) study

oneM2M

ETSI SmartM2M – Standard related to EC request

HGI / BBF Smart Home

AGORA – EEBUS – ENERGY@HOME



- ETSI SmartM2M shall pursue the specifications task requested by the EC
- this needs to involve all relevant stakeholders for technical coherence of the specifications
- HGI community is already participating in adhoc discussions
- AGORA new European dimension with EEBUS and Energy@Home : also part of the SAP ecosystem

>> 2015 should be the Year of further cooperation all together on this topic <<