



Communication Standards for Demand Response and Distributed Energy Resources

G3 PLC beyond the meter – the smart meter companion

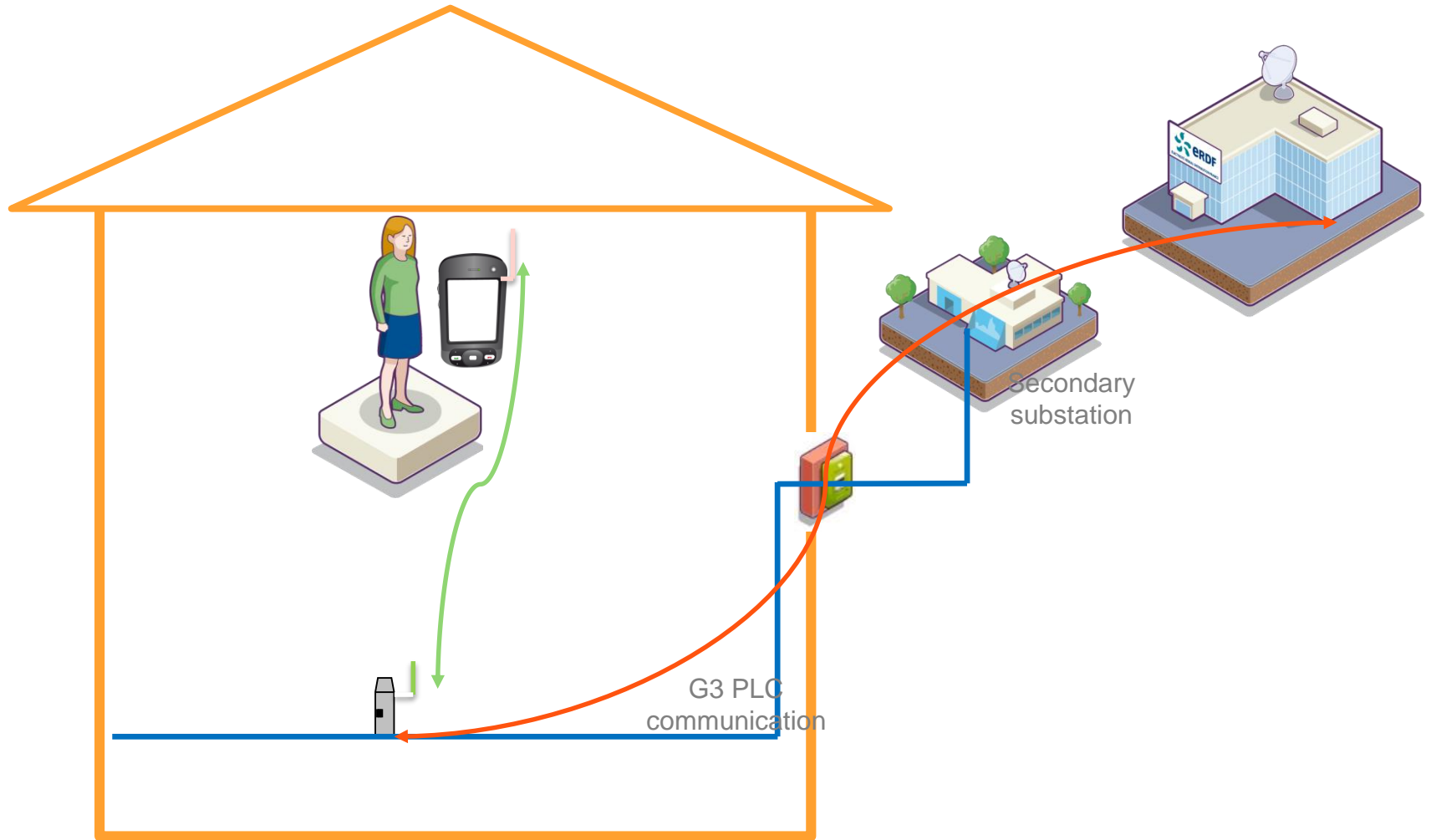
Vincent AUDEBERT EDF R&D
Smart Metering group

EPRI ICCS April 29 2015 Madrid

vincent.audebert@edf.fr



THE SMART METER COMPANION



SMART METER COMPANION

- **Managed by the data concentrator**
 - Within the DSO responsibility
 - Minimal function : delocalise info from the meter into customer premises
- **Could be a gateway to the HAN**
 - Protocol conversion (Zigbee, KNX, Wifi...)
- **Could act as a collecting point for other meters**
 - Wireless M bus for water, gas
- **Could be dedicated for on usage**
 - EVSE control
 - Water heater control
 - PV inverter
 - ...

A CEA 2045 SMART METER COMPANION

