



Energy for  
generations

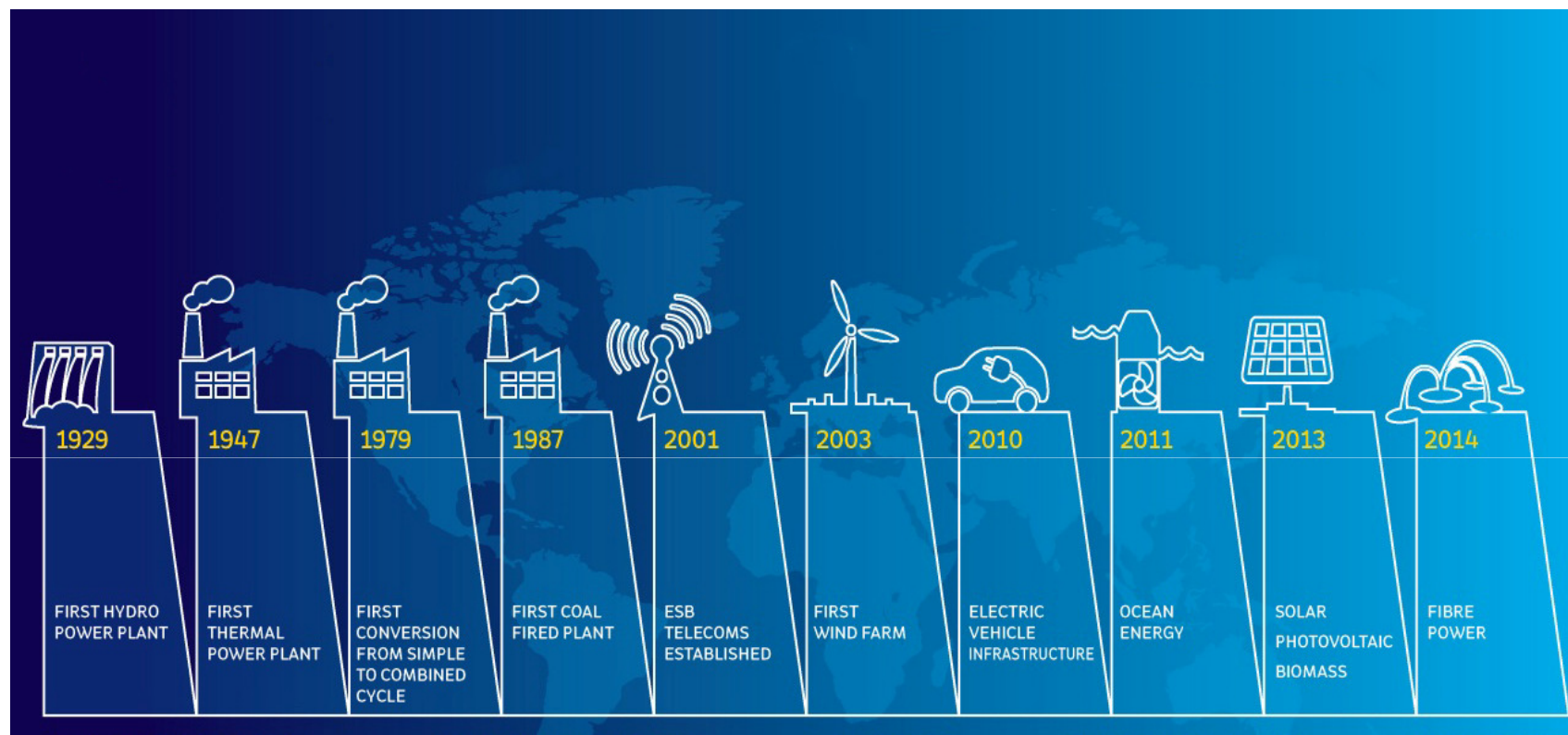
# Solar PV – Next Generation Technology for ESB

**ENERGY**  
**CORK** 29<sup>th</sup> Jan 2016

**Cera Slevin**  
Manager, Solar Energy, ESB G&WM



# ESB Utility Journey



RURAL  
ELECTRIFICATION

SECURING  
ENERGY SUPPLY

COMPETITION

MARKET  
INTEGRATION

SUSTAINABILITY

1927

2014

# Transformation of Energy Delivery



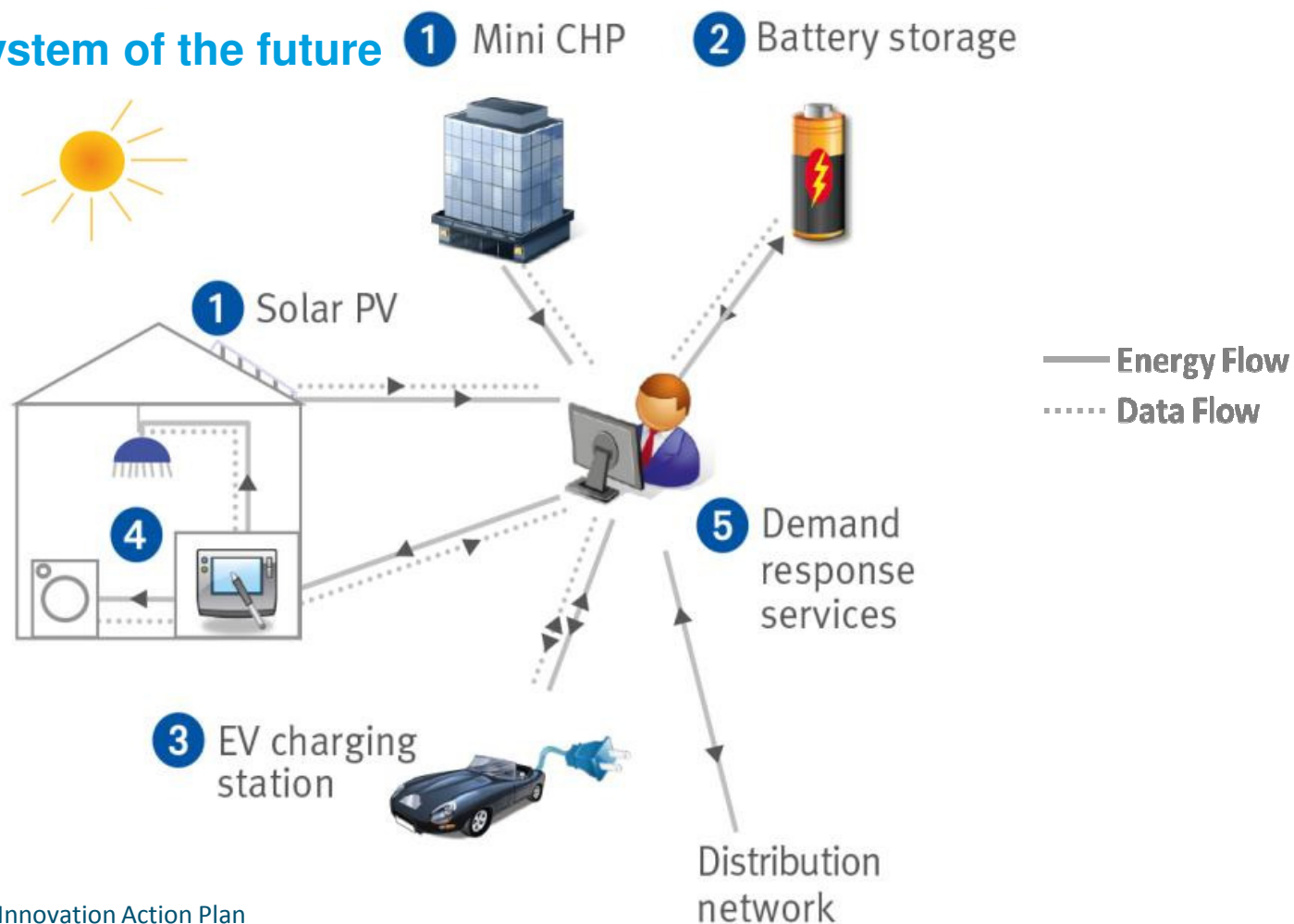
Energy for  
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## Traditional electricity system



# Transformation of Energy Delivery

## Electricity system of the future



SOURCE: EURELECTRIC, Innovation Action Plan



# FUNDED SOLAR



- Utilised vacant space
- Minimal visual impact
- Generation next to load
- Energy cost savings and certainty benefit businesses directly
- Improve building energy rating and value



**Contact:** [www.kingspanesb.com](http://www.kingspanesb.com)

# Ground Mounted Solar

- Secure income for 25 years
- Minimal visual impact
- No upfront capital costs
- No ongoing maintenance
- Option to graze small livestock



**Contact:** [solarfarm@esb.ie](mailto:solarfarm@esb.ie)

# Solar PV has arrived

- Future part of the energy mix
- Future efficiencies improvements
- Future cost reduction
- Complimentary to wind
- Renewables with Electric vehicles, electric storage and smart grid will help the transition to low carbon future





# Questions

