# The role of solar in the future energy system

Presentation to Innovating Europe's energy future: the role of gas

Sonia DUNLOP, Policy Adviser Strasbourg, 22 November 2016





### About SolarPower Europe

- The new European Photovoltaic Industry Association (EPIA)
- Companies from the whole solar value chain
- We help shape the policy environment and make business happen in the solar industry

Over 200 members, including the following leading companies:





























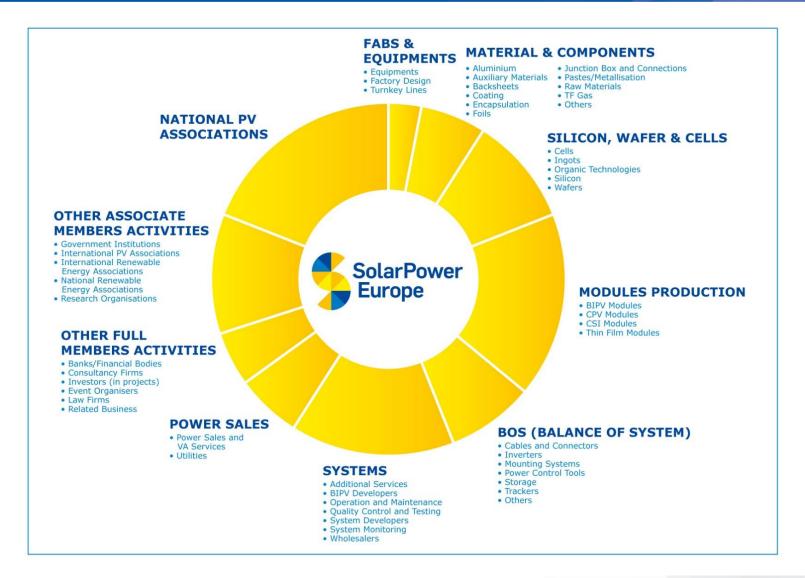








### Who do we represent?





### Energy Union Package – or Winter Package

## **Energy Union Package**

Market Design Package

Energy Efficiency

Ren ewa bles

Gover nance

Electricity Directive Electricity Regulation ACER Regulation Prices and costs report

DG COMP report on Capacity Markets

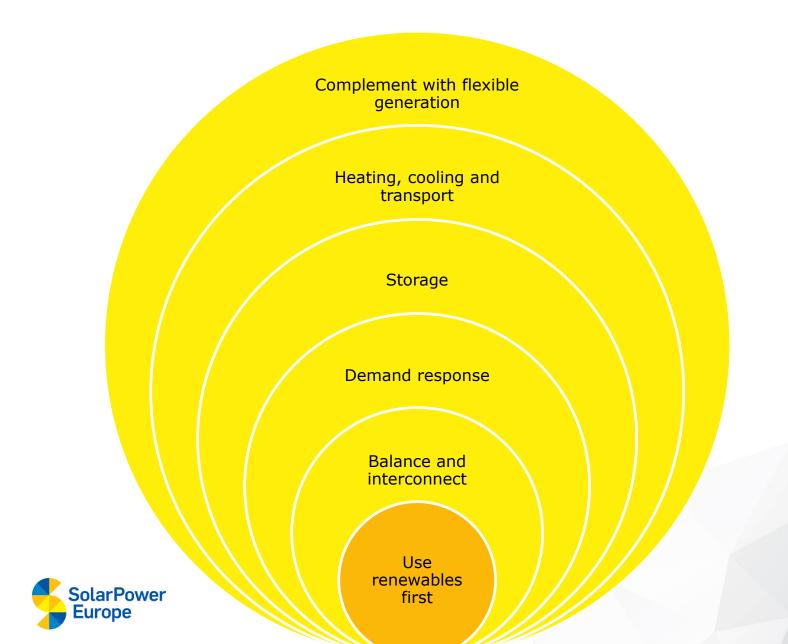
Energy Efficiency (EED) Energy Performance Bdgs (EPBD)

Ecodesign

Sustainability bioenergy Natl Energy and Climate Plans

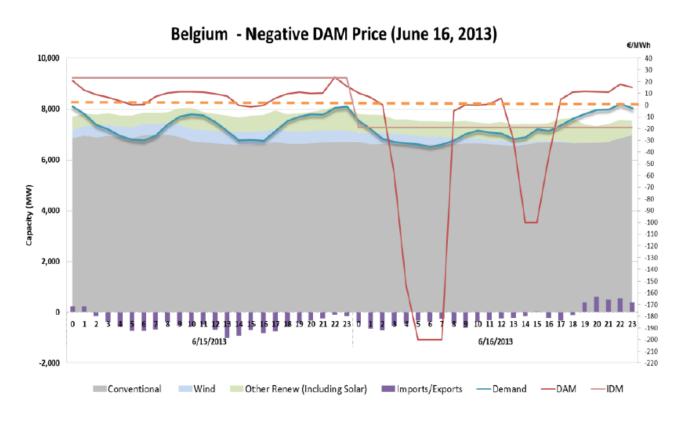


### The vision: a flexible energy system



### Inflexibility

# Inflexible generation standing in the way of effective price signals



Source: 3E - Market4RES, 2015

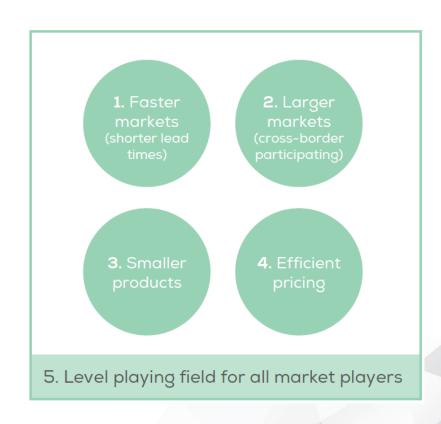


### Inflexibility



### Practical steps for the Market Design package

- Organise smart phase-out of inflexible coal
- 2. Restore price signals
- 3. Create more liquid markets with "smaller" products
- 4. Ensure access for (aggregated) demand response
- 5. Make Capacity Mechanisms cleaner and about flexibility
- 6. Ensure proper retail competition
- 7. Keep priority dispatch





### MILK AND ELECTRICITY?







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### **THANK YOU - QUESTIONS?**

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