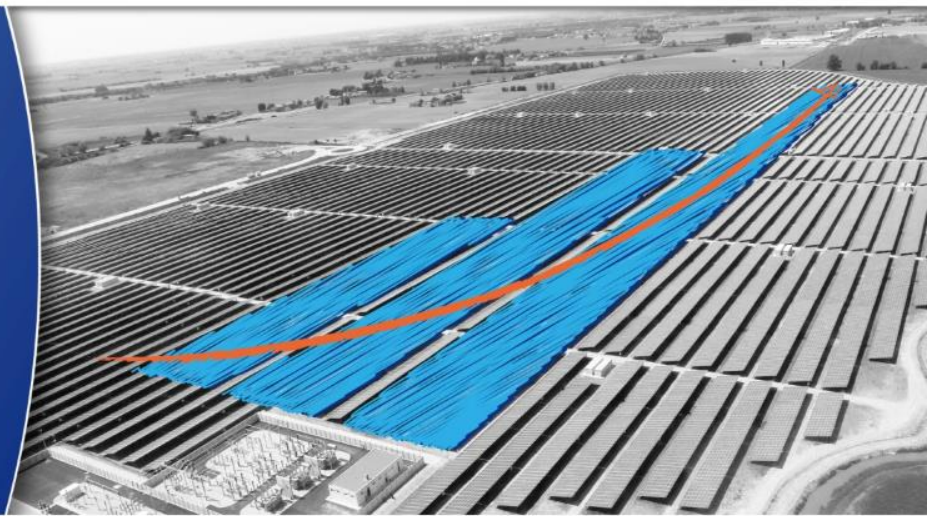


Why is PV Financing relevant for the EU policy debate?



Alexandre Roesch, Policy Director, SolarPower Europe

Brussels, 26 October 2016

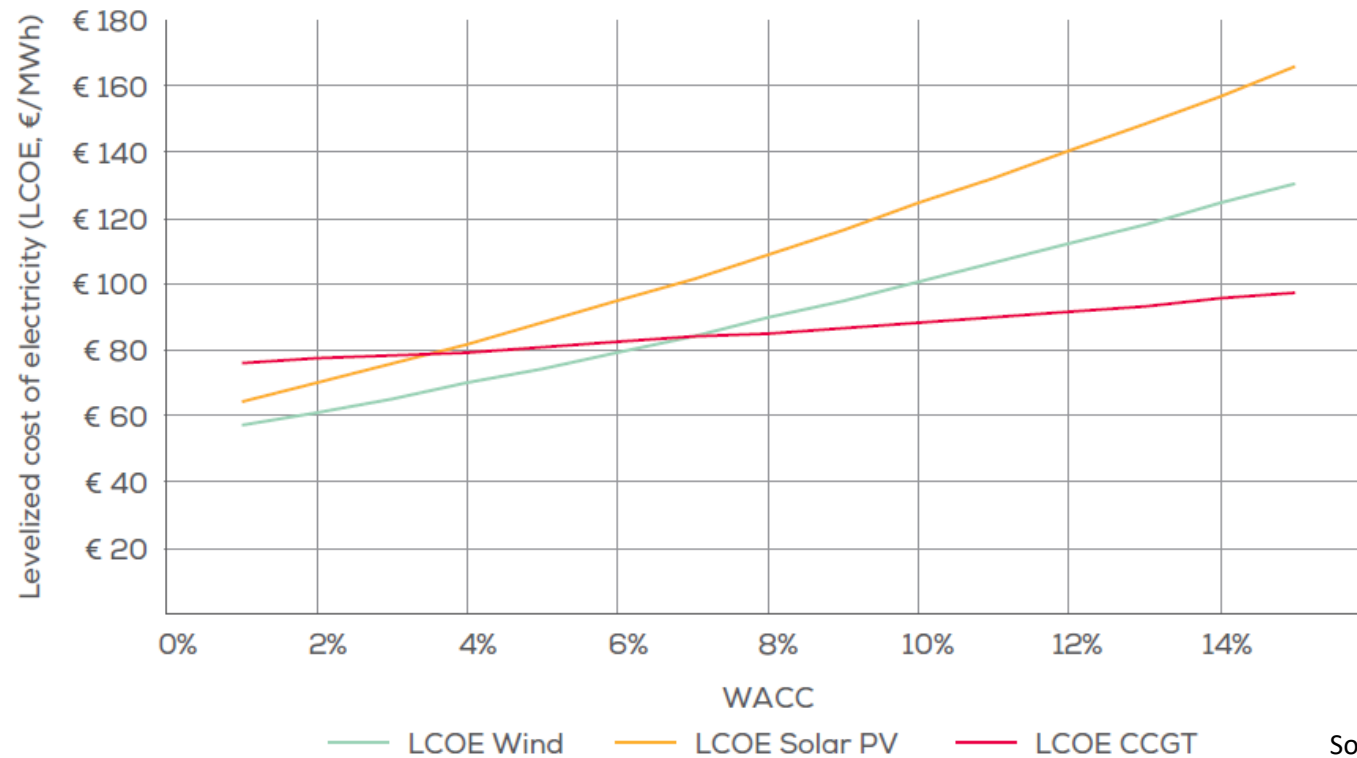


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646554

Cost of financing has a differentiated impact on generation costs of power assets

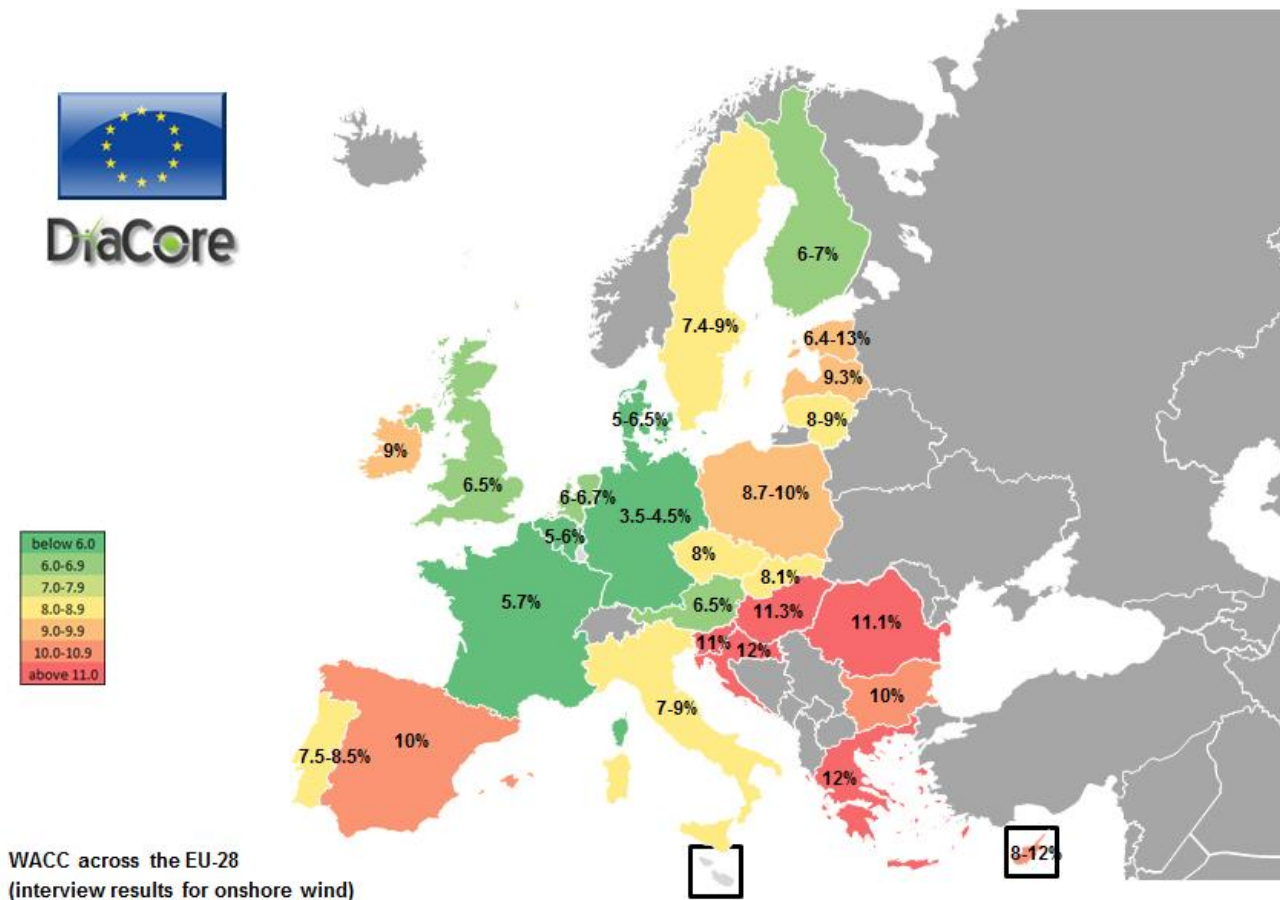
FIGURE 15

Levelised Cost Of electricity (LCOE) in function of the Weighted Average Cost of Capital (WACC)



Source: RTE/Market4RES

Cost of financing varies across Member States



Most importantly, our vision is of an Energy Union with citizens at its core, where citizens take ownership of the energy transition, benefit from new technologies to reduce their bills, participate actively in the market, and where vulnerable consumers are protected.

Energy Union Communication, 25 February 2015

QUESTIONS ADDRESSED BY PV FINANCING:

- How to make renewable power accessible to all, eg. tenants?
- How to ensure stable market revenues for solar electricity?
- Which (national) best practices can be used to derisk investments and thus make the energy transition cheaper overall?



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PVFINANCING 



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AMBIENTEITALIA



Application segments



Single family
residential
homes



Multi-family
residential
homes

Public and
educational
buildings

Shopping malls
and office
buildings

Business parks
and industrial
buildings

Ground
mounted solar
farms

Sources of finance

Self funding

Debt

Equity

Mezzanine
financing

Leasing

Crowdfunding

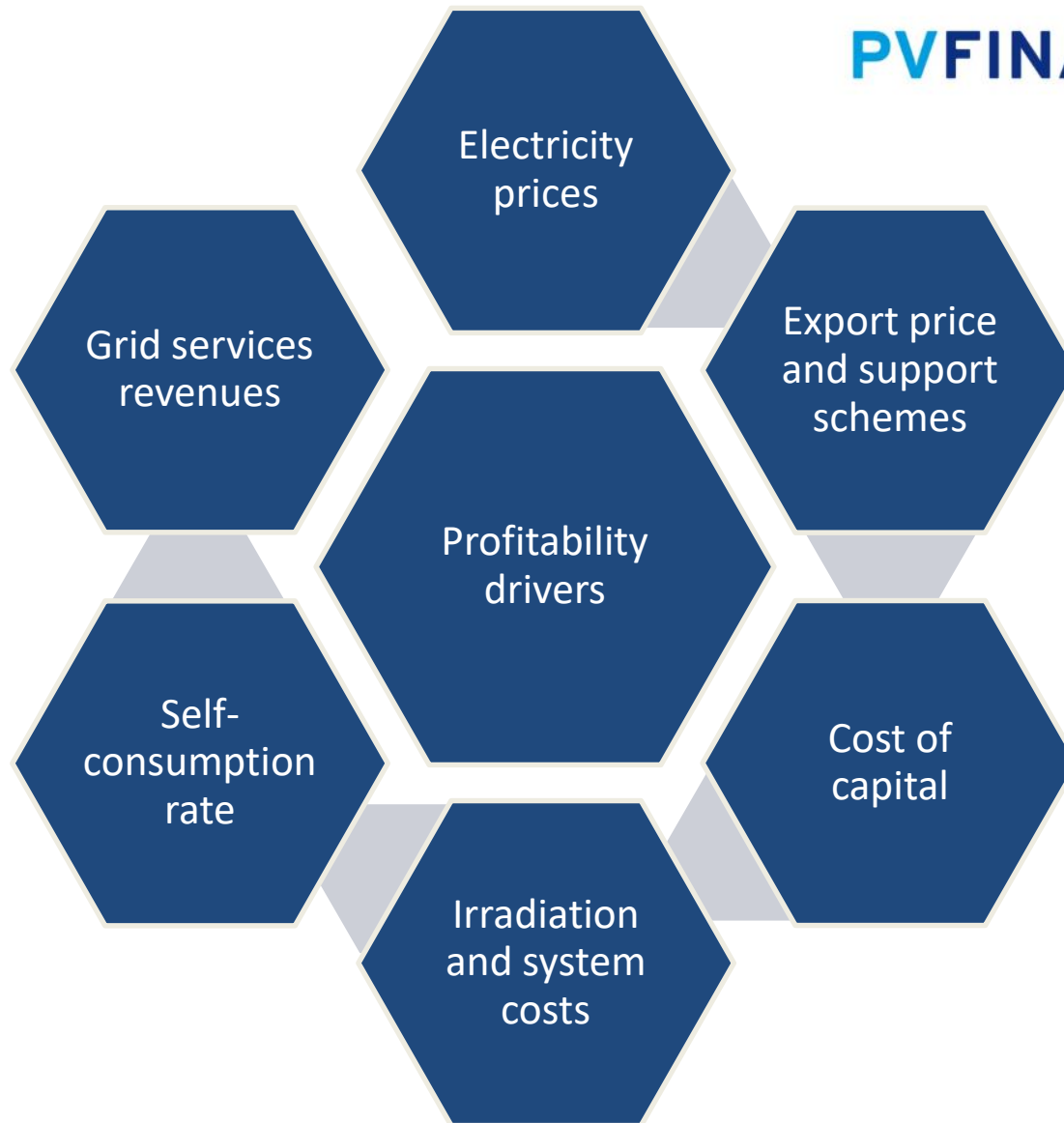
BUSINESS MODELS

Self consumption

Power Purchase Agreements (PPAs)

Cooperatives

Aggregators/Virtual Power Plants



Practical deliverables

Cash-flow modelling tool

With PV I save

0,02 €/kWh

... If my electricity price is €/kWh

LCOE (EUR/kWh)	0,08
Payback Period (years):	4,83
Equity IRR (%):	25,44
Project IRR (%):	16,84
Net-Present Value (EUR):	9.672,84

Legal templates in national languages

Fotovoltaik Elektrik Arzi ve Örnek Elektrik faturası için Örnek Elektrik Arzi Sözleşmesi

Uluslararası Güneş Enerjisi Topluluğu, Türkiye Bölümü Günder'in yayımıdır.