

How Local Authorities can fund solar, improve their finances and enable service delivery.

Webinar

March 13th 2017

Solar Trade Association

Presenter – James Owen



PVFINANCING





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AUSTRIA
FEDERAL ASSOCIATION



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Frankfurt School
of Finance & Management
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BSW-Solar, building on the success of [PV Legal](#) and [PV GRID](#), has taken the lead for the PV FINANCING project in 2015.

Like the previous projects, PV Financing aims to successfully remove barriers and identify new avenues for the photovoltaic market development.

More specifically, the goal of PV FINANCING is to identify, in all the covered countries, the most profitable business models and financing schemes for PV Systems.



Welcome to the PV Financing Website!

Overview

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The project covers six European countries (Germany, France, Great Britain, Italy, Austria, Spain) and Turkey. Private investors and decision makers in banks and insurance companies will be introduced to the new business models, allowing them to include these results in their decision process as regards new investments. The project will also assess what political framework for the application of new financing models is required and which barriers slow the PV expansion.

Project Results

[European PV Business Model Good Practices](#)

[Summary of the Interview Report on Financial Schemes](#)

[Business Model Reports](#)

[Fact Sheets](#)

[Associations & Networks](#)

[Workshops](#)

[Implementation Guidelines](#)

[Financing Guidelines](#)

[Contract Templates for the development of Business Models](#)

Tweets von [@PVFinancing](#)





United Kingdom

MAKING SOLAR PAY

THE FUTURE OF THE SOLAR PPA MARKET IN THE UK NATIONAL IMPLEMENTATION GUIDELINES

PV FINANCING PROJECT
DELIVERABLE 4.1 – PUBLIC
PUBLISHED IN OCTOBER 2016

Written by the Solar Trade Association



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



European Union



EU-WIDE SOLAR PV BUSINESS MODELS


GUIDELINES FOR IMPLEMENTATION

A guide for investors and developers on how to put into place and finance the top business models for solar PV across the EU.

PV FINANCING project | November 2016
Deliverable 4.4 – Public – EU Implementation Guidelines

Sonia Dunlop - Alexandre Roesch



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



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Contents

- Context
- Route to Money
- Politics and Economics
- Formula for success
- Questions



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Context



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Quote from LGA – “[Local Authorities] are being pushed perilously close to the financial edge” BBC, 20th Feb 2017



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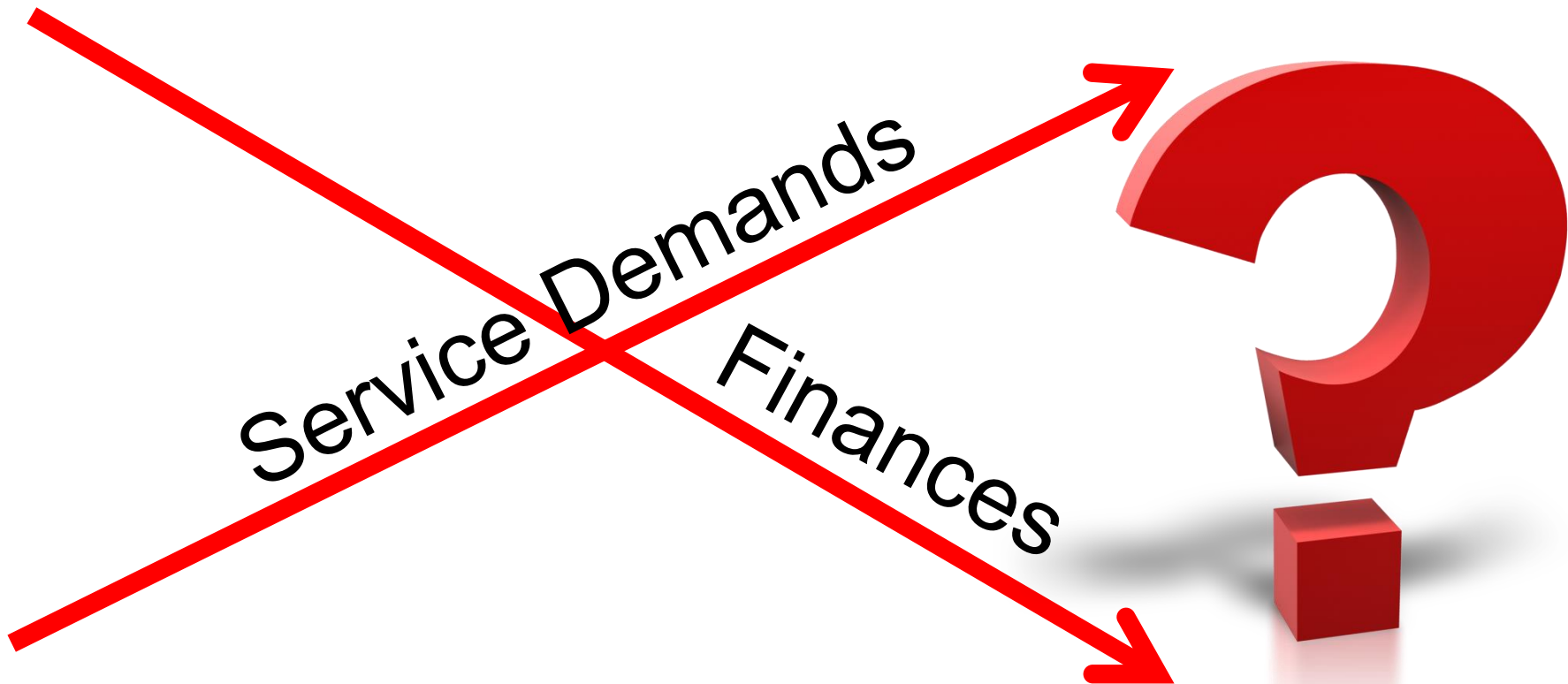


Warwickshire County Council Leader:
“...like we’re cutting into the bones of services
that matter to people” BBC, 20th Feb 2017



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Money



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Which route to take?



- Reserves
- Housing Revenue Account
- Capital Projects
- PWLB
- Bond Offers
- Share Offers
- Joint Venture
- Commercial Lending

Politics



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Politics and Economics

- No sensible carbon price – Mar 17 EUA = €5.08 per tCO₂ and budget 2017 long grass kick!
- No worthwhile embedded benefits – OFGEM CMP264 and CMP265 Consultation - £45 to £2 by 2020
- No interest in climate change – budget 2017 chancellor says “maximise oil and gas exploitation”
- No worthwhile subsidy



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Quick look at FiT deployment

Feed-in Tariffs (FIT)

FIT Deployment caps – Weekly Update Tariff Period 1 (01 January – 31 April) 2017

Deployment band	Cap Limit (kW)	Cap reached?	Date and time of final installation to qualify for the cap	Total Capacity (kW)	Total Number of installations	Number of Full ROOFIT Applications	Number of Preliminary ROOFIT Applications
PV < 10kW	159,686	No	N/A	12,980	5,188	N/A	N/A
PV 10-50kW	40,199	No	N/A	5,001	217	N/A	N/A
PV >50kW	24,135	No	N/A	2,859	14	11	3
PV Standalone	5,000	No	N/A	2,562	710	1	0

No queued capacity for solar!





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All too often.....leads to asset stripping



Libraries
Leisure Facilities
Housing
Land
Farms



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Is there a Winning formula?

$$S = \sum C + P * \sqrt{L/W}$$



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Questions?

