

REFERENCE	
Title:	Technology Roadmap-Solar photovoltaic energy
Date:	2010
Author:	IEA
Funded by:	IEA
Hard copy reference:	
URL:	https://www.iea.org/publications/freepublications/publication/pv_roadmap.pdf
Date accessed:	25/2/2014
Web Format:	Pdf
IEA topics covered	Solar photovoltaics
Geographical focus:	Global
Brief Abstract:	

OUTPUTS	
Short Report?	
Major report?	yes
Visualisations?	
Information held on dedicated software?	
- which package?	

ARCHITECTURE	
Timescales used:	2010-2050
Trends and drivers?	
- list	CO2 abatement; regulatory framework; RD&D; international collaboration
Enablers?	
- list	Long-term targets and transparent regulatory framework will help to continue to build confidence in PV.
Performance measures/targets?	None specified
- list areas	
Mapping of RD&D activities?	
Critical assessment of capabilities?	

PROCESS	
Methods used:	
- Desk study?	Yes
- Consultation	Yes
- Interviews?	yes

- Facilitated workshop(s)	Yes
- Working groups/task force	Yes
- Integrated Process	yes
Stakeholders engaged:	
- University based researchers	
- Other public sector researchers	yes
- Business – technology	yes
- Business – other	
- Government - energy	Yes
- Government – SET	
- Government - other	
- NGOs	
No of people engaged:	~40
Budget (if known):	
Commitment to re-visit?	yes

ACTIONS IDENTIFIED	
List of actions?	yes
Actions listed according to timescale?	no
Actions prioritised?	no
Sequencing/dependencies identified?	no
Responsibility for actions identified?	yes
Types of actions identified:	
- Basic research?	
- list areas	
- Applied research?	
- list areas	Educational development; establish market support mechanisms; regulatory framework development; increased performance for PV cell/mod technologies and balance-of- system components; reform local building codes and standards to facilitate PV implementation and integration
- Development & demonstration	
- list areas?	Deploy smart grid technologies and grid management tools
- Other types of action?	
- list other types	

This Roadmap Characterisation was compiled by Samantha Quinn of the University of Edinburgh in April 2014

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