



CHEETAH

Cost-reduction through material optimisation and Higher EnERgy output of solAR pHotovoltaic modules

***Joining Europe's Research and Development efforts
in support of its PV industry***

***Jan Kroon – Project coordinator
Sophia Symposium on European PV Research Infrastructures
21-01-2015***



Facts and Figures

- FP7-Energy-2013 IRP
- Grant agreement no.: 609788
- Combination of collaborative research project and coordination action
- Total planned costs: 13.2 M€
- Contribution by EC: 9.7 M€
- Duration 48 months: (1/1/2014 -1/1/2018)
- Coordinator: ECN
- Website: www.cheetah-project.eu

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Today's Challenges

CHEETAH's objectives

Overall strategy of the workplan

Consortium

Acknowledgments

News and events

Press room

Scientific publications

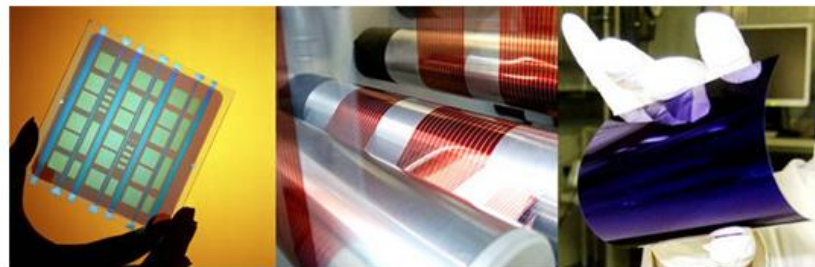
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CHEETAH PROJECT

CHEETAH - *Cost-reduction through material optimisation and Higher Energy output of solar photovoltaic modules - joining Europe's Research and Development efforts in support of its PV industry* - is a combined collaborative project (CP) and coordination and support action (CSA) funded under the European Commission's 7th Framework programme. CHEETAH's aims to solve specific R&D issues in the EERA-PV Joint Program and to overcome fragmentation of European PV R&D in Europe and intensify the collaboration between R&D providers and industry to accelerate the industrialization of innovations.



With 16 nationalities represented in the consortium, CHEETAH's ambition is to develop technology and faster innovative manufacturing capabilities and photovoltaic products so that Europe can develop its technological and industrial capacity in all parts of the value chain.

Events

no news in this list.

[+ Read more news](#)

News

16 December 2014

SYMPOSIUM ON EUROPEAN PV RESEARCH INFRASTRUCTURES - 22ND JANUARY 2015

A Symposium on European PV Research Infrastructures is organised by CEA-INES and will take place on the 22nd January 2015. During this symposium, CHEETAH will also be presented by Jan Kroon, coordinator of the project. The...

[+ Read more news](#)

16 December 2014

CHEETAH LEAFLET

CHEETAH leaflet has been issued and is available for download.

History

SET Plan 20-20-20 targets

SEII Solar Europe Industry Initiative (**EPIA & EU-PVTP**)

SET plan for PV for 2020

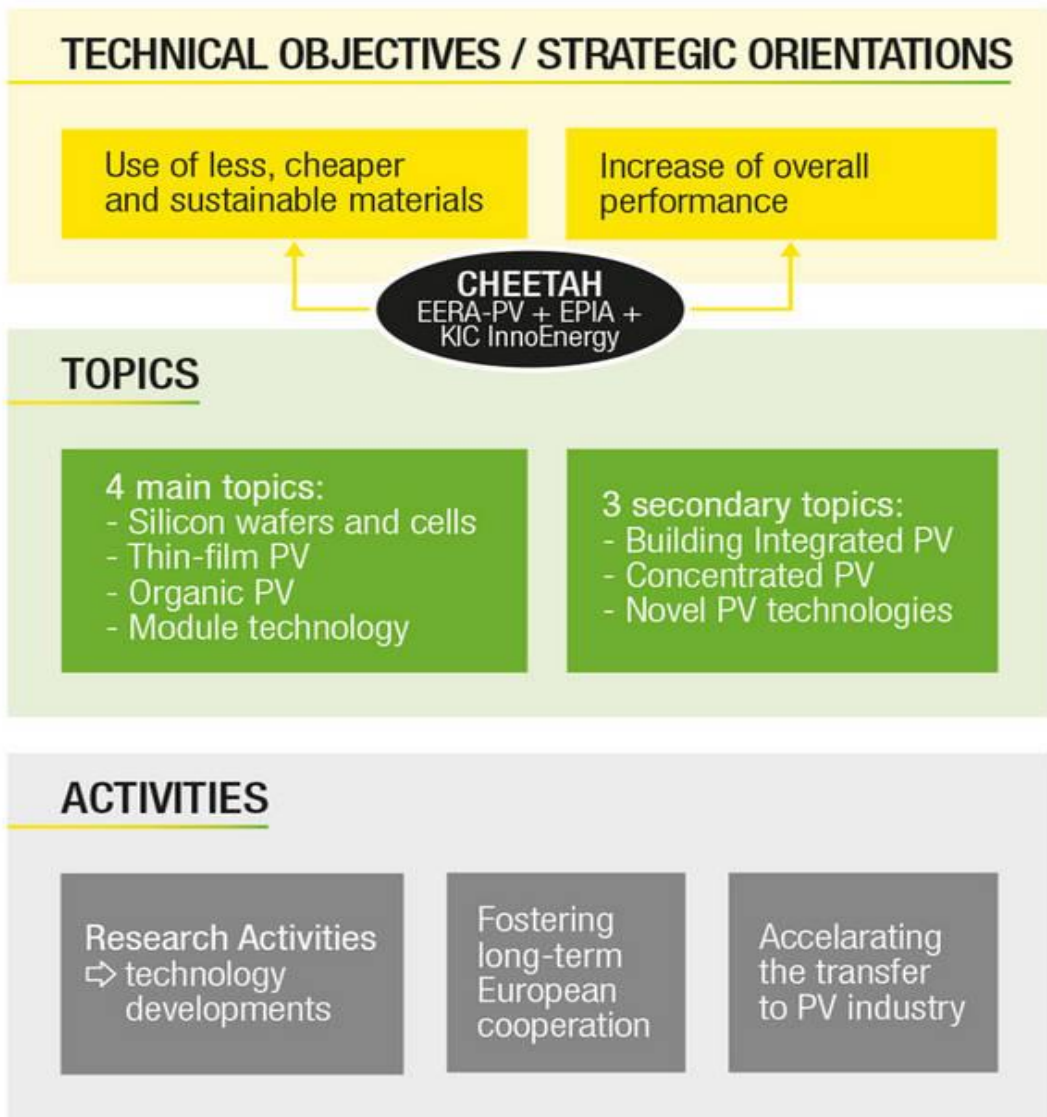
- Baseline BaU: 4% in 2020, 10% in 2030
- Accelerated Growth: 8% in 2020, 15% in 2030
- Paradigm Shift: 12% in 2020, 25% in 2030

EERA-PV: Established at SET-plan Conference, Madrid 2010

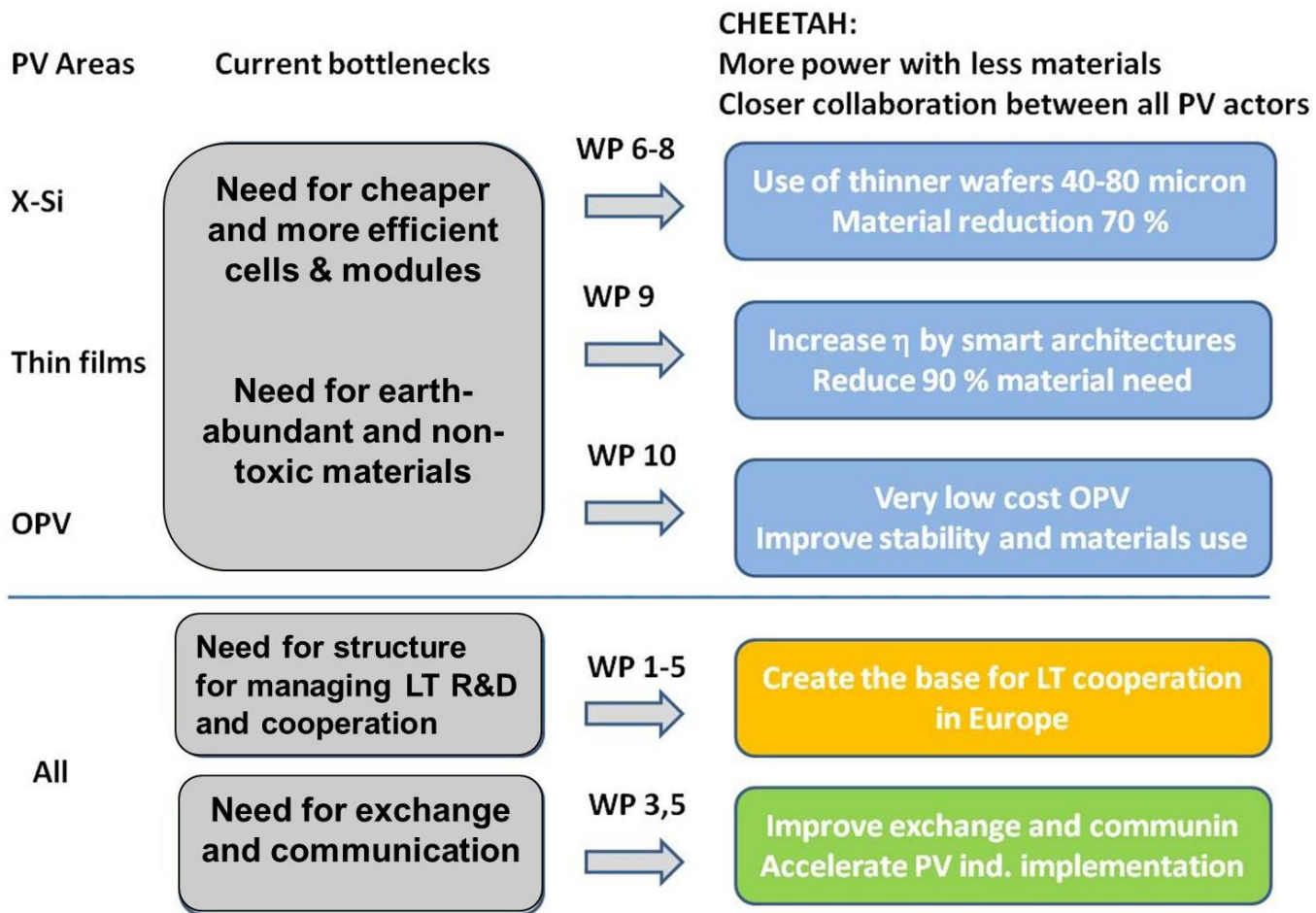
- Accelerate development PV through integration RD&D in EU
- Rely on existing instruments for its JP

SOPHIA first example of such a joint project (RI) and now: **CHEETAH !!**

Concept and objectives



Main innovations



WP structure

WP1
PROJECT MANAGEMENT
Leader: ECN

WP1

Coordination activities: developing the basis for long-term research and giving access to the knowledge to researchers and industry

WP2
FOSTERING THE USE OF EXISTING FACILITIES AND EXPERTISE
Leader: ENEA

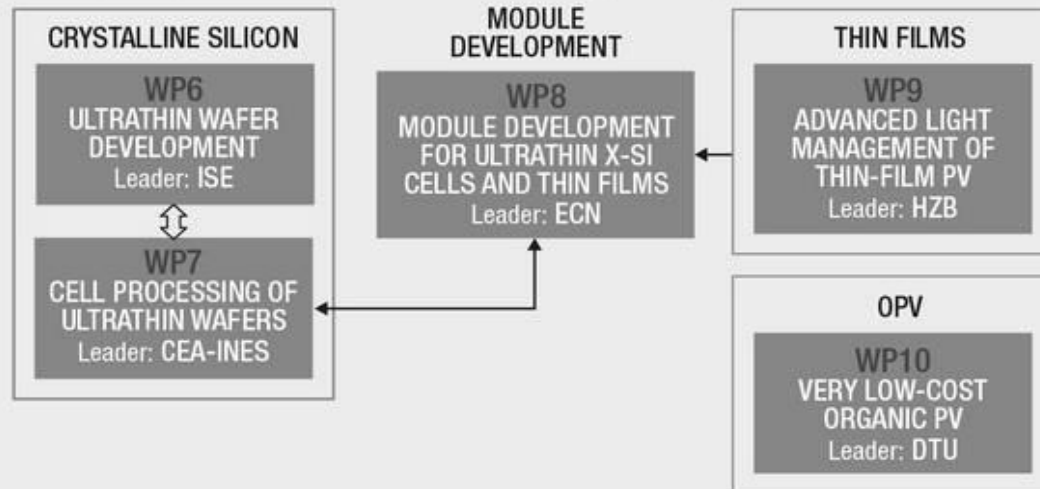
WP3
MOBILITY AND INTERNATIONAL COOPERATION ACTIVITIES
Leader: HZB

WP4
DISSEMINATION, INTERNAL AND EXTERNAL COMMUNICATION
Leader: JÜLICH

WP5
ACCELERATION OF INNOVATIONS' IMPLEMENTATION
Leader: EPIA

WP2-5

JRA : improving the services provided and fill in the gaps: more power with less materials



WP6-10

Thank you for your attention!!



Start of the project
1-1-2014

End of Project ??
01-01-2018