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

Cost-reduction through material optimisation and higher Energy output of solar photovoltaic modules

DRAFT AGENDA – European Solar Technology Forum – From Research to Industrial Application (CHEETAH Final Event)

Berlin, Germany, 30 November 2017 (11:00-18:00), Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Albert-Einstein-Str. 15, 12489 Berlin, Germany

Event organised by:

SolarPower Europe

Supported by:

HZB Helmholtz Zentrum Berlin

11:00-11:30	Registration					
Opening Plenary Session: CHEETAH – Four Years of PV Research Innovations						
	Moderator: *Jan Kroon, ECN and CHEETAH Project Coordinator*					
11:30-12:00	Welcome notes from the European Commission		*Maria Getsiou, European Commission and Project Officer (tbc)*			
12:00-12:30	The CHEETAH project – Four years of PV research innovations		*Jan Kroon, ECN and Project Coordinator*			
12:30-14:00	Lunch break					
Parallel Round Table Debates						
	Crystalline silicon based PV – "Getting below a 100 microns" Moderator: Ivan Gordon (imec)		**Thin film PV – "Thinner and more efficient through smart cells"** Moderator: Rutger Schlatmann (HZB)		**Organic PV + Perovskite – "Intrinsic long term stability w/o special encapsulation"** Moderator: Sjoerd Veenstra (ECN)	
14:00-14:30	Input presentations *Kris Van Nieuwenhuysen (imec), Adrien Danel (CEA), Paul Sommeling (ECN)*		Input presentations *Martina Schmid (HZB)*		Input presentations *Suren Gevorgyan (DTU) – OPV* *Aldo di Carlo (UTV) – Perovskites*	
14:30-15:00	Reactions from the industry Confirmed speakers: - Kristin Lüdemann, VP cSi PV, Von Ardenne - Lars Oberbeck, Head of Solar R&D, Total - Thomas Söderström, Head of Technology Solar Modules, Meyer Burger - Anna Battaglia, Engineering Manager, 3SUN		Reactions from the industry Confirmed speakers: - Andreas Wade, President, PVthin - Michael Bauer, CTO, Calyxo - Lars Stolt, CTO, Solibro - Representative from Von Ardenne (t.b.c.)		Reactions from the industry Confirmed speakers: - Andre Weiß, VP R&D, Heliatek - Erik Gabrielsson, CTO, Dyenamo - Chris Case, CTO, Oxford PV - Chris Moore, Head of Metals, Greatcell Solar	
15:00-16:00	Open discussion	*All participants*		*All participants*		*All participants*
16:00-16:30	Coffee break					
Closing Plenary Session: CHEETAH – The Way Forward						
	Moderator: *Jan Kroon, ECN and CHEETAH Project Coordinator*					
16:30:16:45	Insights from the round table debates		*Moderators*			
16:45-17:00	After CHEETAH – The Way Forward		*Ivan Gordon, imec, Coordinator of the Joint Program on Photovoltaics, EERA*			
17:00-17:15	Q&A		*All participants*			
Networking Session						
17:15-18:30	Networking Reception					

The project has received funding by the Seventh Framework Programme for Research and Technological development of the European Union (FP7/2007-2013) under grant agreement n° 609788

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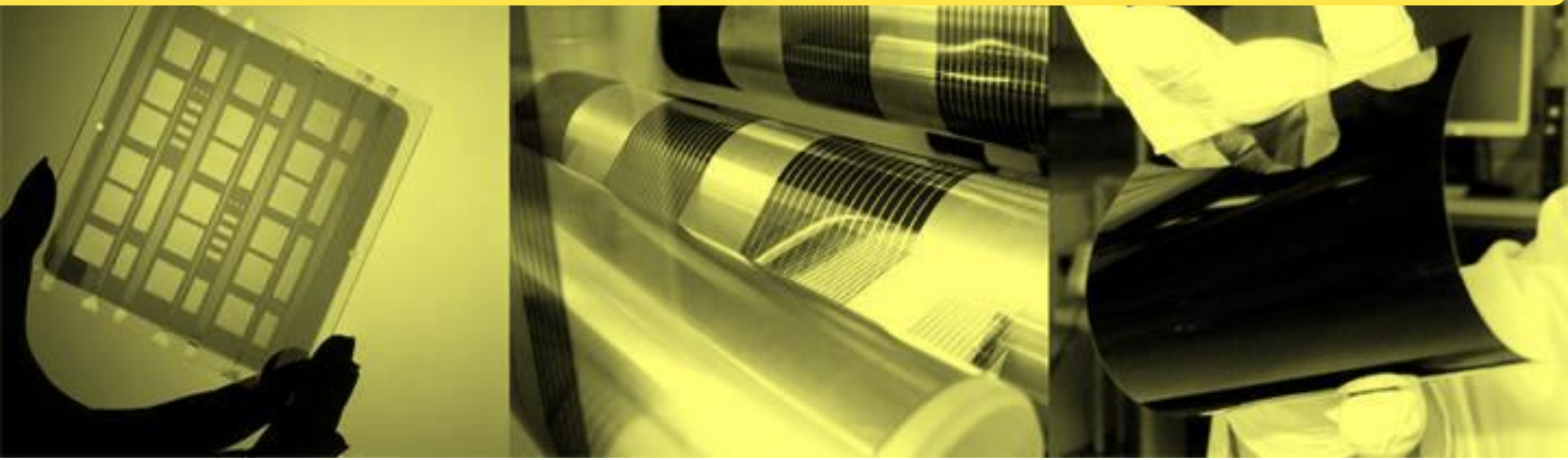
CHEETAH is a combined collaborative project (CP) and coordination and support action (CSA) funded under the European Commission's 7th Framework Programme. CHEETAH's aims to solve specific R&D issues in the EERA-PV Joint Program and to overcome fragmentation of European PV R&D in Europe and intensify 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 foster innovative manufacturing capabilities and photovoltaic products so that Europe can develop its technological and industrial capacity in all parts of the value chain.

CHEETAH's objectives for the first 4 years of the program are threefold:

- Developing new concepts and technologies for wafer-based crystalline silicon PV (modules with ultrathin cells), thin-film PV (advanced light management) and organic PV (very low-cost barriers), resulting in (strongly) reduced cost of environmentally benign/abundant/non-toxic materials and increased module performance.
- Fostering long-term European cooperation in the PV R&D sector, by sharing knowledge, organizing workshops, exchange and training researchers inside and outside Europe, efficient use of infrastructures, promoting best practices and standards
- Accelerating the implementation of innovative technologies in the PV industry, by a strong involvement of SolarPower Europe and EIT-InnoEnergy in this program

For more information:
www.cheetah-project.eu



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