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Energy Efficiency in Buildings and Building-integrated Photovoltaics: Where Sustainability meets Aesthetics

London, UK, 8 July 2015, 10.00- 17.30

• RIBA Venues, 66 Portland Place, London W1B 1AD •

9:00 REGISTRATION & Welcome Coffee

OPENING SESSION

Chair: Marko Topič, Chair of the EU PV Technology Platform

10:00 Welcome to the RIBA premises

Judit Kimpian, Director of Sustainable Architecture and Research, AHR
Chair of the Architects Council of Europe Sustainability Group
RIBA Sustainable Futures Group

Setting the scene: why this conference?

Marko Topič, Chair of EU PV Technology Platform
Silke Krawietz, Leader of the BIPV working group of EU PV Technology Platform

Realising the synergies between the PV and the construction sectors

Luc Bourdeau, Secretary General of the European Construction Technology Platform (ECTP)

Energy efficiency and BIPV opportunities in Europe

Laurent Deleersnyder, Energy Efficiency & Intelligent Energy Unit, Directorate General for Energy, European Commission

Joining Up the Solar Landscape

Gabriela Salejova, Solar Energy Systems SIG, KTN, Innovate UK

SESSION I: The opportunities offered by energy efficient, PV-equipped buildings

Chair: Frauke Thies, Chief Policy Officer of SolarPower Europe

11:00 BIPV - an opportunity for additional growth in the European PV sector

Gaëtan Masson, Vice-Chair of the EU PV Technology Platform

Sustainable Buildings: Intelligent & Beautiful?

Larry Malcic, HOK, Design Principal

Designing PV for buildings

Mike Beaven, ARUP, Director Building Services and Environmental Engineering

Media partners

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SOLAR MEDIA



Integration of PV in buildings, the point of view of a contractor

Paul Cartuyvels, Bouygues SA, ECTP Presidium

The architect: why the PV industry shouldn't count him out?

Laurent Quittre, ISSOL CEO

When PV modules are becoming real building elements: White solar module, a revolution for BIPV

Laure-Emmanuelle Perret-Aebi, CSEM

12:45 Questions & Answers

13:00 – 14:00 LUNCH BREAK

13:00 - 13.20 'What is the PV in BIPV?' - An open clinic with James Felstead - SMA Solar UK, to answer your questions and share his experience of PV in buildings

SESSION II: A shared vision? Boosting the market for energy plus buildings with BIPV solutions

Chair: *Laurent Deleersnyder, Energy Efficiency & Intelligent Energy Unit, Directorate General for Energy, European Commission*

14:00 Panel discussion:

Larry Malcic, Design Principal, HOK

Mike Beaven, ARUP

Frédéric Bonnefoy, Product Manager Active Glass, AGC

Neil Pennell, Head of Engineering and Design, Land Securities

Laurent Quittre, CEO, ISSOL

Paul Cartuyvels, Bouygues SA, ECTP Presidium

15:00 COFFEE BREAK

SESSION III: The way ahead: collaboration to build beautiful PV-equipped buildings

Chair: *Paul Verhoef, Head of New and Renewable Energy Sources Unit, Directorate General for Research and Innovation, European Commission*

15:30 First attempt to prioritize R&D&D needs for BIPV

Jef Poortmans, IMEC, Vice-Leader of the BIPV working group of the EU PV Technology Platform

EeB PPP Roadmap and the role of PV

Luc Bourdeau, Secretary General of the European Construction Technology Platform (ECTP)



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Do policies that encourage markets for BIPV pay? The monetary benefits of ambitious building energy policy

Peter Graham, Executive Director, Global Buildings Performance Network

Architecture and BIPV: contradiction or accordance?

Dieter Moor, CEO Marketing and Sales, ertex solar

Success factors for the integration of photovoltaics in buildings, current and future solar cell technologies

Frédéric Bonnefoy, Product Manager Active Glass, AGC

Technology and well-being the next chapter in Green Building: how BIPV can contribute

Alfonso Ponce-Alvarez, Director - Corporate Solutions UK, Jones Lang LaSalle

Active integrated grids accommodating seamlessly energy efficient buildings

Venizelos Efthymiou, EU Smart Grid Tech

Architecture and BIPV: innovative materials enabling new design possibilities

David Müller, Global Head of Strategic Marketing PV, Merck

Enabling BIPV innovation through H2020

Paul Verhoef, Head of New and Renewable Energy Sources Unit, Directorate General for Research and Innovation, European Commission

17:00 Questions & Answers

CLOSING SESSION

17:15 Closing & concluding remarks

Paul Verhoef, Head of New and Renewable Energy Sources Unit, Directorate General for Research and Innovation, European Commission

Jef Poortmans, imec, Vice- Leader of the BIPV working group of EU PV Technology Platform

17:30 END OF THE CONFERENCE AND COCKTAIL RECEPTION



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