

CROSSLUX

Pierre-Yves THOULON

pierre-yves.thoulon@crosslux.com

Workshop 1

Smart, Sustainable and Resilient Cities
& Energy Efficient Buildings

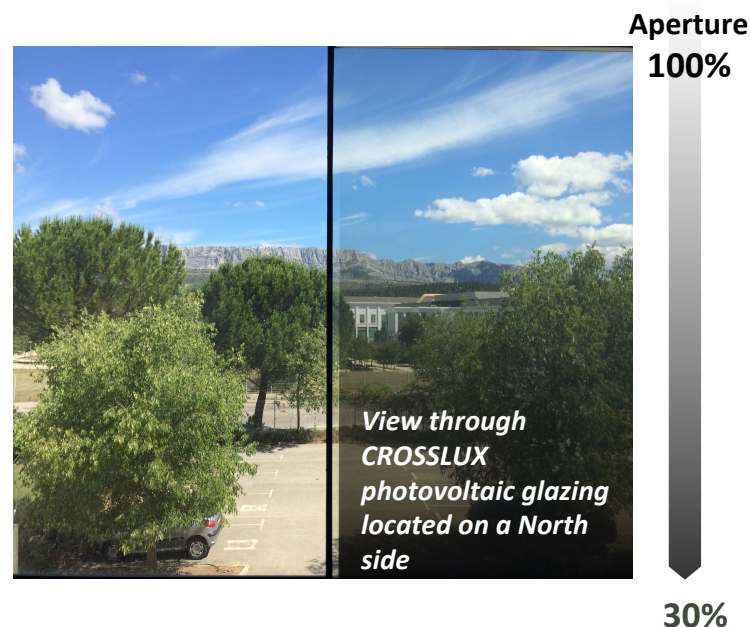
Description of the Organization

Located in the South of France, Crosslux develops and manufactures ***transparent photovoltaic glazing***.

Crosslux controls its technology end-to-end and as of today is the only European manufacturer of ***thin-film photovoltaic panels***

Key features :

- French SME created in 2011
- 20 employees
- Currently in preindustrial production phase



Description of the your research interest



Crosslux has an experienced and versatile team working with key research partners :

- 4 directors from microelectronics and solar industries
- 6 doctors and 2 PhD students in charge of improving the process
- 1 engineer in charge of collaborative projects
- 1 engineer in charge of the connectivity and current conversion
- 4 technicians and 2 operators
- 1 scientific advisor : ***Daniel Lincot*** (CNRS Research Director)

Our partners : IMN, IM2NP, LP3, CEA, IEMN, IRDEP, IREC

Current research activities : improving the transparency and efficiency of our photovoltaic glazing

2017 CALL TOPIC :

“Energy Efficient Buildings”

“Smart, Sustainable and Resilient Cities”



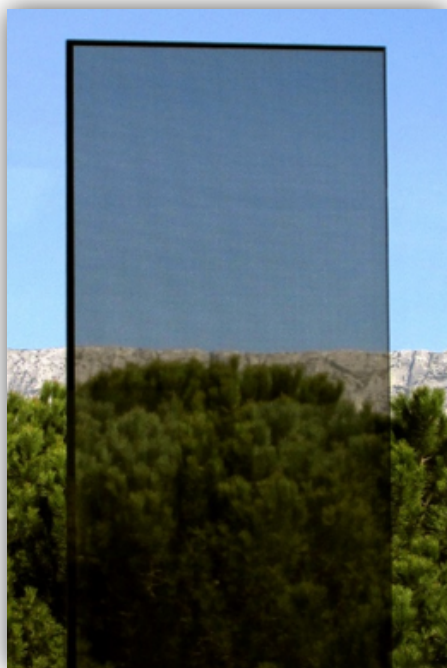
Crosslux, as *partner*, would like to join projects where photovoltaic glazing can be integrated in order to demonstrate the added value brought by the technology.

- Objectives
 - Reduce environmental impacts of buildings
 - Demonstrate European innovative sustainable products such as photovoltaic glazing
- Expected results
 - Self-produced electricity covering most or all of the building energy needs
 - LCA of the installation

Consortium - required partners

No	Expertise	Type	Country	Role in the project
01		RTD		
02		SME		
03		IND		
04				
05				
06				
07				
08				

To be defined



Pierre-Yves Thoulon

Crosslux

France

+33 633 397 576

pierre-yves.thoulon@crosslux.com

www.crosslux.eu

Recommendations



- The presentation **has to** last up to **4 minutes (maximum)**
- Do not overload your slides
- Provide weblinks to additional material
- Slides should be in English
- Do not use videos etc. – they might be not supported by the Infoday IT system
- Send your presentations in PDF format to: CoF@turkeyinh2020.eu until **23 September 2016.**