



# International Conference “Architecture, the climate of the future”

Monday 30th November 2015 14:00 – 19:45  
Cité de l'Architecture et du Patrimoine  
Paris, France

The consequences of climate change are known and scientists warned us long ago about our collective responsibility. According to the latest IPCC report the construction, maintenance and conversion of buildings are responsible for 19% of greenhouse gas emissions and 40% of the energy consumed globally.

Since its World Congress in 1993, the International Union of Architects and its Sections underlined in their “Declaration of Interdependence” the key role of architects in the fight against global warming. This message was reiterated by the “Imperative 2050” that was unanimously approved at the 2014 Durban general meeting of the 130 UIA member organizations and its partners.

Supported by the various institutions that represent the architectural profession, this call is widely adopted by architects from around the world in their daily practice. From the city to the building, at all scales of the built environment, architects have indeed the responsibility to propose solutions adapted to the culture and the local context that focus on the well-being of users.

Long at the heart of discussions of the profession, sustainable development objectives recognize the

need to provide innovative solutions to meet the challenges of ecological transition.

For this reason, the International Union of Architects, the Conseil pour l'International des Architectes Français, the French Conseil National de l'Ordre des Architectes and the Architects' Council of Europe decided to organize an international symposium to mobilize architects during the COP21 to be held in Paris from 30th November to 11th December 2015.

How to organize the sustainable city to place people at the heart of urban projects?

How to construct and rehabilitate buildings to reduce the impact of the industry on CO<sub>2</sub> emissions and greenhouse gases?

Architects, activists, local, national and European policy makers are invited to share and to debate concrete solutions now required at the scale of the city and built environment in order to fight against climate change and to construct a social model that meets the needs of the population whilst preserving the environment.

Aware that, in the words of Alvar Aalto, “*Architecture cannot save the world but it can set a good example*”.

# PROGRAMME

**Welcome Address by Guy Amsellem**, Président de la Cité de l'Architecture et du Patrimoine

**Opening Statement by Sylvia Pinel**, Ministre du Logement, de l'Égalité des Territoires et de la Ruralité

## SEMINAR 14:00 – 17:30

Introduction: **Esa Mohamed**, UIA President and **Philippe Klein**, CIAF President

**Chair: Denis Cheissoux**, journalist

### Consequences of global warming and the impact of human settlements on climate change

**Sylvie Joussaume**, climatologist CNRS and **Patrick Coulombel**, architect, founder of Emergency Architects

According to the latest IPCC report, climate change is confirmed and, due to the excessive use of coal, human activities are responsible for global warming. What are the socio-economic consequences of climate change? What are its impact on the environment and people?

### Impact of construction and regional development on global warming

**Manfred Hegger**, architect, writer, lecturer

Construction is responsible for 19% of greenhouse gas emissions and 40% of energy consumed globally. What is its impact on the environment?

### Leadership of architects in energy transition

#### • Energy efficiency

**Pascal Gontier**, architect

Confronted by climate change, what innovative and sustainable solutions can the architect provide? How can architecture bring about neutral CO<sub>2</sub> without denying its fundamental principles?

#### • Grey Energy-Materials

**Anna Heringer**, architect, lecturer, winner of Aga Khan Award 2007 and Global Award for Sustainable Architecture 2011

Architecture is a tool to serve the welfare of citizens. How can sustainability become synonymous with beauty and technical performance? How can architecture, in order to be harmonious, take into account the local, the environment, the end-user and the socio-cultural context?

#### • Governance - Urban - Regional Development

**David Mangin**, architect and urban planner, Grand Prix de l'Urbanisme 2008

Confronted today with the global development of cities, what is the "urban potentiality" that can make them change? How to restrain the city from its "gated communities"? How to promote the "transient city"?

**Carin Smuts**, architect, winner of Global Award 2008

South African townships, citizen participation in the urban project; the architecture of empowerment.

### Conclusion by Keynote Speaker

**Kjetil Trædal Thorsen**, Agence Snøhetta winner of Aga Khan Award 2004, Mies van der Rohe 2009 and Global Award 2010.

## ROUND TABLE 17:40-19:45

This international round table will focus on two themes

**Designing a resilient and sustainable city** and **Design, first issue of a sustainable building**

Designing a resilient and sustainable city cannot be confined to a simple reduction of energy consumption. This requires a global approach taking into consideration all the economic, social, environmental, cultural and political aspects impacting on the urban environment.

Moreover, a resilient and sustainable city begins with better buildings. Whether through the design of new buildings or the renovation of the existing building stock, the search for innovative development solutions focused on mutual space and facilities objectives should guide the work.

**Discussion will be on the following themes**

**How to rebuild a low carbon city adapted to climate change?** How to design compact cities that encourage social and functional diversity? How to make them accessible and ensure the mobility of its inhabitants? What proposals for renewed and concerted planning? How can the different levels of governance (local, regional, national, European, international) contribute to resilient and sustainable cities?

**How to increase the energy efficiency of buildings and design buildings more efficient in the use of resources?** How to reduce the environmental footprint of buildings throughout their life? How to reduce waste in the construction sector? How to adapt buildings to the effects of climate change? How can public authorities (local, national, European) encourage the renovation of existing buildings?

### •Opening Speech

by **Dominique Ristori**, Director General DG Energy – EU Commission

### •Introduction

by **Catherine Jacquot**, President of the Conseil National de l'Ordre des Architectes

**Chair: Alex Puissant**, journalist

Panellists: **Frédéric Bonnet**, architect, Grand Prix de l'Urbanisme 2014, **Karima Delli**, Member of the European Parliament, Vice-President of the URBAN Intergroup, **George Ferguson\***, Mayor of Bristol, **Edward Mazria**, architect, writer, **Gilles Pargneaux\***, Member of the European Parliament, Vice President of Lille Métropole and of Eurométropole Lille-Kortrijk-Tournai, **Thierry Salomon**, Vice-President of Negawatt, engineer, specialist in energy issues, **Claude Turmes**, Member of the European Parliament, **Kjetil Trædal Thorsen**, architect, Kenneth Yeang, architect.

### Conclusion

by **Luciano Lazzari**, President of the Architects' Council of Europe

**The conference will be followed by a cocktail 19:45-20:30**

*\*to be confirmed*

## PRACTICAL ORGANISATION

### Attendees

by invitation and inscription (subject to the number of available seats)

Architects, lecturers, architecture and other undergraduate students, public and private developers, politicians, institutional representatives, trade unionists, design professionals

### Date and time

30th November 2015

14:00 - 19:45

Welcome of attendees from 1:30 pm

Auditorium de la Cité de l'Architecture et du Patrimoine

Entrée About, 7 avenue Albert de Mun, 75016 Paris

Simultaneous interpretation will be provided from and into French and English.

Webstreaming and webcasts of the conference

## ORGANISED BY

French Conseil National de l'Ordre des Architectes (CNOA): [www.architectes.org](http://www.architectes.org)

International Union of Architects (UIA): [www.uia.archi](http://www.uia.archi)

Conseil pour l'International des Architectes Français (CIAF): [www.ciaf.fr](http://www.ciaf.fr)

Architects' Council of Europe (ACE): [www.ace-cae.eu](http://www.ace-cae.eu)

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