

## Tuesday, 8 March

Morning session: 10:35 - 11:55 CET

Afternoon session: 16:50 – 18:10 CET

*Nice (France) & online*

## Background

Climate change is regarded as the major issue that humanity will face this century. Extreme weather events and failure to implement climate-change mitigation and adaptation actions are the two greatest risks that the global economy will face in terms of their likelihood and impact, according to the World Economic Forum (2019). **The built environment is particularly at risk from climate change**, and as such so are the people living and working within buildings.

Governments and all actors along the buildings and construction value chain therefore need to take action, as climate risks pose a real threat to the lives and economic activities of people. **Buildings as long-term assets should be resilient to climate change**, and also to other future risks such as pandemics **and** potential behaviour changes.

The **adaptation substream** under WA2 was launched at COP24 in Katowice. It aims to bring clear understanding on stakes and challenges for the buildings and construction stakeholders, and to report on progress on action undertaken. It **released two publications in 2021** (see below in background information).

## Expected Outcomes

- Engage GlobalABC members into 10 principles implementation
- Engage new Adaptation WG members
- Launch 2022 working plan
- Gather contributions to design tracking progress methodology
- Create synergies with other buildings adaptation projects

## Background information - GlobalABC's work on adaptation

- **Adaptation Working Group** is co-chaired in 2022 by **Marie-Pierre Meillan (ADEME)**, **Judy Zakreski (ICC)** and **Karim Selouane (Resallience)** and supported by Sakina Pen Point as technical secretariat. Supporting by its active members it aims at spreading key messages on buildings adaptation to climate change all over the world through various events (Africities, COP 27...). **In 2022 its work will mostly focus on the "Tracking Progress" project** to develop a common monitoring and tracking progress methodology to report on yearly basis on climate change adaptation among building sector.
- **Framework** [Adaptation of the building sector to climate change: 10 PRINCIPLES FOR EFFECTIVE ACTION](#)  
Data collected over the recent decades shows that the climate is currently changing at an unprecedented pace due to increasing concentrations of greenhouse gases in

the atmosphere. Human-induced climate change is already affecting many weather and climate extremes in every region across the globe. Evidence of observed changes in extreme events such as **heatwaves, heavy precipitation, droughts, and tropical cyclones**, and, in particular, their attribution to human influence, has strengthened since 2007, as shown in the latest IPCC report. Climate change **will have even severe consequences all over the world for a built environment designed for steady conditions** and for the communities that inhabit them. Understanding these consequences will require the use of projected climate data from RCP models on different spatial scales and several time horizons. Therefore, **the GlobalABC is proposing to policy makers and practitioners “10 Principles for Effective Action” to join forces** to spread climate change adaptation actions in the building sector and willing to **track annual progress**.

1. **Urgency** - Act now.
2. **Stakeholders** - Consider a systemic integration of measures for adaptation across the entire value chain.
3. **Process** - Consider adaptation along the entire lifecycle of an asset.
4. **Mitigation** - Implement adaptation and mitigation in tandem.
5. **Data** - Understand climate risk data and accept uncertainty.
6. **Scale** - Think beyond asset-level.
7. **Green** - Consider nature-based solutions.
8. **People** - Promote a “just adaptation” of the building sector.
9. **Finance** - Enable adaptation of the building sector.
10. **Local** - Fit adaptation measures to the local context.

→ **“Green Paper”** [Buildings and Climate Change Adaptation: A call for Action](#) Released during the Climate Adaptation Summit 2021. Version française [Bâtiments et Adaptation au changement climatique : Un appel à l'action](#)

Cities, urban infrastructure, and buildings occupy a central place in climate change resilience strategies. Indeed, social, and economic mechanisms rely on the smooth functioning of this troika, which itself is highly dependent on environmental conditions. **Investing in buildings adaptation and the financing of resilient urban infrastructure is therefore crucial to prevent further problems related to climate change.** However, in order to build a solid city resilience plan toward climate change, high priority must be given to forecasting and early prevention, the commissioning of future-oriented studies, and the adoption of a long-term mindset. At present, due to the lack of tools and data to reinforce such forecasting and long-term decision-making processes, **short-sighted policies tend to be prioritised instead;** even as awareness of future risks and the necessity for resilience is growing, it is still not enough to have an impact on policies in urban areas. This is the case even though there are **real advantages to rapid action:** the sooner organisations invest in adaptation and begin to tackle climate change-induced threats, the lower the future costs will be, both in terms of facing the hazards to come and in implementing crisis management measures.

One of the other major challenges involved is to **define an adaptation plan that sets priorities** among various sectors. Improving adaptation and resilience requires different actors at all levels of the real estate, building and construction sector value chain to mobilise and mix different skill sets and levels of expertise.

**This GlobalABC “green paper” provides recommendations and takes stock of tools for actors in the RBC sectors to implement measures and what to consider in setting up an adaptation plan.** All actors of the value chain are concerned and should make such plans a priority in the coming years.

Our hope is that this “green paper” will serve as a launching pad for discussions and debates on adaptation that will move the sector forward.

- **MOOC Adaptation** is produced by the Observatoire de l’Immobilier durable (First session opened in november 2021, **Next session starts on 24/05/2022**)[MOOC Adaptation of Buildings to Climate Change](#) (english version) [MOOC Adaptation des bâtiments au changement climatique](#) (french original version)

## **Moderation**

- Sakina Pen Point, OID (virtually)
- Marie-Pierre Meillan, ADEME / Régis Meyer, MTE (in presence)

## **Interpretation French <> English available**

- Please connect to ZOOM to access interpretation

## **On-line form**

- Please note a smartphone or laptop connected to wifi (free wifi provided) will be necessary to join the on-line form

## Morning session 10:35-11:55

10:35-10:45	<p><b>Opening</b> GlobalABC Adaptation WG Co-chair</p> <ul style="list-style-type: none"> <li>• 3' - Presentation of Adaptation WG 2022 co-chairs and technical secretariat, <b>Marie-Pierre Meillan, ADEME</b> + 2022 Events</li> <li>• 7' - Presentation of 10 principles, <b>Karim Selouane, Résallience</b></li> </ul>
10:45-10:55	<p><b>Showcasing 10 principles implementation</b> Feedback on how to apply the 10 Principles with a focus on Stakeholders, Process, Data and Finance, <b>Carlos Sanchez, Executive Director at Coalition for Climate Resilient Inv.</b></p>
10:55-11:05	<p><b>On-line form</b>, questions :</p> <ul style="list-style-type: none"> <li>• <i>Selection of principles your organisation is already implementing</i></li> <li>• <i>Concrete examples of this implementation ?</i></li> </ul>
11:05-11:15	<p><b>Tracking progress methodology</b>: first draft, OID-Resallience</p> <ul style="list-style-type: none"> <li>• Presentation of Adaptation WG 2022 working plan, <b>Sakina Pen Point, OID</b></li> <li>• Resilience indicators, <b>Helena Monteiro, UNDRR</b></li> </ul>
11:15-11:30	<p><b>Hybrid workshop</b> with inputs from participants. Questions:</p> <ul style="list-style-type: none"> <li>• <i>Do you have and practice an adaptation reporting system?</i></li> <li>• <i>What indicators would be easy to retrieve?</i></li> </ul>
11:30-11:40	<p><b>Overview of a European project</b>: EU-level technical guidance on adapting buildings to climate change, <b>Andras Toth, Climate Change Adaptation Policy Officer, DG CLIMA</b> and <b>Thomas Neumann, Lead Consultant, Ramboll</b></p>
11:40-11:50	<p><b>Building Resilience Index</b> : Ommid Saberi, IFC (World Bank)</p>
11:50-11:55	<p><b>Wrap-up</b> – Invitation to join Adaptation WG</p>

## Afternoon session 16:50-18:10

16:50-17:00	<p><b>Opening</b> GlobalABC Adaptation WG Co-chair</p> <ul style="list-style-type: none"> <li>• 3' - Presentation of Adaptation WG 2022 co-chairs and technical secretariat, <b>Marie-Pierre Meillan, ADEME + 2022 Events</b></li> <li>• 7' - Presentation of 10 principles, <b>Karim Selouane, Résallience</b></li> </ul>
17:00-17:10	<p><b>Showcasing 10 principles implementation</b></p> <ul style="list-style-type: none"> <li>• Feedback on how to apply the 10 Principles in relation with the FIDIC climate charter, <b>Robert Spencer, Vice-Chair of the FIDIC sustainable development committee</b></li> </ul>
17:10-17:20	<p><b>On-line form</b></p> <ul style="list-style-type: none"> <li>• Selection of principles your organisation is already implementing</li> <li>• Concrete examples of this implementation</li> </ul>
17:20-17:30	<p><b>Tracking progress methodology:</b> first draft, OID-Resallience</p> <ul style="list-style-type: none"> <li>• Presentation of Adaptation WG 2022 working plan, <b>Sakina Pen Point, OID</b></li> <li>• Resilience indicators, <b>Helena Monteiro, UNDRR</b></li> </ul>
17:30-17:45	<p><b>Hybrid workshop</b> with inputs from participants</p> <ul style="list-style-type: none"> <li>• Do you have and practice an adaptation reporting system?</li> <li>• What indicators would be easy to retrieve?</li> </ul>
17:45-17:55	<p><b>Building Resilience Index</b> : Ommid Saberi, IFC (World Bank)</p>
17:55-18:05	<p><b>Resilience performance assessment (DPR)</b> Building use case and territories use case - <b>Didier SOTO, Resallience</b></p>
18:05-18:10	<p><b>Wrap-up</b> – Invitation to join Adaptation WG</p>

## Participants morning

MORNING 10:35 - 11:45			
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## Participants afternoon

AFTERNOON 16:50 - 18:00			
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