

## UNFCCC COP 28 – Dubai, UAE

30 November to 12 December 2023

### Collaborative Side Event at IPCC-WMO-MERI-NCM Pavilion


[Please send your proposal to  
climatescience@wmo.int](mailto:climatescience@wmo.int)

#### Instructions

- 1- Please fill in this form for the side event you propose at the Pavilion during COP 28.
- 2- If you intend to submit more than one proposal, please use separate forms for each event.
- 3- Ensure that your proposal is agreed to by the Director of your Department.
- 4- Consider gender and geographical balance in the composition of the programme.
- 5- The proposals received will be listed and screened by the WMO coordination group on COP 28 for further consideration.
- 6- Potentially similar proposals will be suggested to merge.
- 7- The total number of events, time slots and dates will be finally coordinated with other sponsors of the Pavilion to ensure a balanced distribution of events throughout COP 28.

<b>Title: max. 100 characters including spaces.</b>	Climate Smart cities in Africa: Building resilience to climate change in current and future mega cities
<b>Date and Time ( tentative)</b>	December 11 <sup>th</sup> , 2023
<b>Online or Hybrid</b>	Hybrid
<b>Short description: max. 300 characters including spaces</b>	<p>The goal of the side event is to raise awareness of policy makers and the public on the pace of warming, heat waves frequency and severity at city scale supporting prioritization of actions on building smart and resilient cities in Africa. Local city scale actions to update the countries determined contribution to the Paris agreement are the expected outcome.</p> <p>These specific objectives are to:</p> <ul style="list-style-type: none"><li>- Showcase on high-resolution city climate information for the pilot City of Niamey-Niger;</li><li>- Demonstrate potential use of the local city information for development planning, mobilization of resources and implementation of climate adaptation action;</li><li>- Promote city level actionable information on local climate change impacts for prioritization of local adaptation and development plans</li></ul>

<p><b>Long description (Max 1500 characters), including spaces)</b></p>	<p>Climate change projections point towards increasingly devastating heatwaves occurring in Africa in the decades to come. In cities, exposure to extreme heat is exacerbated by the phenomenon of urban heat islands and poor housing conditions, impacting health and affecting vulnerable population in particular. In Niamey, population projections predict an even bigger urban stress. Yet, public and civil society stakeholders lack solid and data-driven evidence of the heat trends and climate future. The formulation of effective climate resilience measures is strongly hampered by this lack of suitable and accessible local urban climate information.</p> <p>With evolving climate change, it is being more frequently reported that portions of Africa – and cities in particular – are heading towards a situation of ‘lethal heat’, in which human physiology is pushed beyond its natural cooling capacity and with impacts to health, labor productivity, cities infrastructure, water and energy (cooling) requirements.</p> <p>Little or no measures are currently taken to remedy this situation. In fact, the challenge of building resilience against extreme heat is hardly or not considered in Africa because little awareness is raised on the cocktail composed of rapid population growth and urbanization, expansion of slums with fragile habitat with poor city planning and poverty, increase in frequency, severity and impacts of heat stresses and waves in African cities.</p> <p>This side event seeks to contribute to increase awareness and sense of urgency with respect to the projected impacts of climate change on future extreme urban heat stress in a pilot African city (Niamey). High-resolution information regarding Niamey’s climate future is developed. Scientifically credible information is being offered through an accessible and user-oriented platform to support the formulation of measures to enhance Niamey city’s resilience to future heatwaves.</p> <p>Another blocking factor for climate action is the lack of funds to develop and implement resilience and adaptation measures. The platform provides climate information and knowledge support for estimation and mobilization of climate and development funding for cities planning and implementation of climate resilience actions.</p> <p>Through introductory presentations, this side event will highlight current advances in high resolutions climate change information generation, showcase future local heat waves and potential impacts in the pilot city of Niamey. Key messages on science informed city adaptation options will be discussed through dialogue in the panel discussion following presentations. The side event will be organized with presentations from VITO (Belgium technological development institute). ACMAD and partners followed by discussions on city planning for resilience to future heat waves in African Cities. Additional exchanges with the audience will consolidate the messages and conclusions on the topic.</p>
<p><b>Lead organization</b></p>	<p>ACMAD/ VITO</p>
<p><b>Supporting organization(s)</b></p>	<p>ENABEL, African Network of Cities: Niamey City, CNEDD – Niger</p>

<p><b>This event contributes to the following COP 28 goals, as defined by the United Arab Emirates presidency</b></p>	<ul style="list-style-type: none"> <li>• Mitigation</li> <li>• Adaptation</li> </ul>
<p><b>This event contributes to the following thematic areas (Refer to the colour Table on the last page)</b></p>	
<p><b>We expect to have the following speakers/panellists (changes can be confirmed later)</b></p> <p><b>Please indicate the gender and nationality of each</b></p>	<p>Speaker 1: Urban climate resilience in Africa <i>AUC/DREA</i>  <i>Speaker 2: Current and future heat stress impact assessment in a Sahelian city ACMAD/VITO</i>  Speaker 3: Financing urban resilience in Africa <i>Enabel</i>  Speaker 4: Nationally determined Contribution of Niger: update with urban resilience initiative <i>CNEDD – Niger, Niamey City</i></p>
<p><b>Please indicate the proposed format of the event, including any innovative/interesting elements</b></p>	<p>Presentations and Pannel discussion</p>
<p><b>Do you require simultaneous interpretation?</b></p> <p><b>If so, to/from what languages?</b></p>	<p>Yes, From English to French and From French to English</p>
<p><b>Additional Information (e.g. weblink of the organizing body)</b></p>	<p><a href="http://www.acmad.org">www.acmad.org</a></p>

### COP 28 THEMATIC PROGRAMME

<p><b>Nov 30</b>  Opening Day</p>	<p><b>Dec 6</b>  Multilevel Action, Urbanization and Built Environment/Transport</p>	<p><b>CROSS-CUTTING THEMES</b></p> <p>Technology and innovation </p> <p>Inclusion </p> <p>Frontline communities </p> <p>Finance </p>
<p><b>Dec 1</b>  World Climate Action Summit</p>	<p><b>Dec 7</b>  Rest</p>	
<p><b>Dec 2</b>  World Climate Action Summit</p>	<p><b>Dec 8</b>  Youth, Children, Education and Skills</p>	
<p><b>Dec 3</b>  Health / Relief, Recovery and Peace</p>	<p><b>Dec 9</b>  Nature, Land Use, and Oceans</p>	
<p><b>Dec 4</b>  Finance / Trade / Gender Equality / Accountability</p>	<p><b>Dec 10</b>  Food, Agriculture and Water</p>	
<p><b>Dec 5</b>  Energy and Industry / Just Transition / Indigenous Peoples</p>	<p><b>Dec 11-12</b>  Final Negotiations</p>	