

# WUF 11 - Circularity and resource efficiency in the housing sector. Experiences from the built environment.

## Concept Note for WUF11 side event.

1. Event model.	
1.1. If the event is selected, how do you plan your attendance as the organizer of the event.	In person
1.2. Planned event model.	Hybrid
2. Details.	
Title of event.	Circularity and resource efficiency in the housing sector. Experiences from the built environment.
Provide a summary of the event(3000char).	<p>This side event will present the latest projects and breakthroughs from the organisers and partners in the field of circularity and resource efficiency within the built environment. Likewise, It will have a sub-focus on socio-economic sustainability within the housing sector.</p> <p>The event will include achievements and new tools aimed at strengthening the capacity of national stakeholders in building the path towards a more sustainable buildings sector and housing. Themes that this side event will address include circularity, resource and energy efficiency, innovation, and affordability.</p> <p>The side event is being proposed by the Ministry of the Environment Finland; the One Planet Network Sustainable Buildings and Constructions Programme; UN-Habitat, UNEP and UNOPS.</p> <p>The agencies mentioned above have developed a set of tools to raise awareness of national stakeholders in sustainable consumption and production within the</p>

	<p>construction sector, build a roadmap towards the decarbonization, resiliency and sustainability of the country with a focus on materials and housing programmes and a housing value assessment methodology to strengthen the capacity of national stakeholders in evaluating and improving their housing programmes. The set of tools have been piloted in Sri Lanka and Burkina Faso, the tools and lessons learnt from the countries will be presented during the event.</p>
<p>2.3. Key objectives (3000char).</p>	<p>The main objectives of the event are:</p> <ul style="list-style-type: none"> <li>- To raise awareness regarding sustainable buildings and the construction sector, with an emphasis on material efficiency, identify gaps and provide tools to strengthen the capacity of stakeholders.</li> <li>- To support governments in transforming their buildings and construction sector, particularly the housing sector, in a resource-efficient, low carbon and climate-resilient manner, through coherent policy support and results-focused programming.</li> <li>- Contribute through the UN country presence to develop and strengthen the productive links among construction sector stakeholders for the efficient use of resources from a circular economy perspective.</li> <li>- Build a case on the importance of the material value chain within the buildings and construction sector, and how housing can be a catalyzer of change.</li> <li>- Present best practices, lessons learnt and opportunities of applying the set of tools from SDG12 Resource-efficient housing in Burkina Faso and Sri Lanka.</li> </ul>
<p>3. Relevance.</p>	
<p>3.1. Please select the Dialogue theme relevant to your event.</p>	<p>Greener urban futures</p>
<p>3.2 Please explain how</p>	<p>The buildings and construction sector accounted for</p>

<p>the event is relevant to the WUF11 theme and the selected Dialogue (2500char).</p>	<p>36% of final energy use and 37% of energy and process-related carbon dioxide (CO<sub>2</sub>) emissions in 2018, 10% of which resulted from manufacturing and procurement of building materials and products such as steel, cement and glass.</p> <p>Additionally, with the building stock set to double by 2050, out of which in average housing can make up from 45-70% of all buildings in cities, there is an urge to introduce more sustainable production, procurement and consumption approach in the buildings and construction sector that mitigate environmental pressures and change building practices to provide adequate, attractive and affordable housing.</p> <p>The theme of WUF11, Transforming Our Cities for a Better Urban Future invites us to create dialogue and events that anticipate the changes we are seeing in nowadays cities, correct the course of action if necessary, and become more knowledgeable on the different possibilities that the future of cities offer.</p> <p>The SDG12 Resource-efficient housing event aims for a more green and sustainable future for cities, focusing on analysing the current status of countries and drawing the roadmap to become green in the future, understanding housing as a catalyzer of change and the core of the future cities. The tools developed and the two pilot projects exemplify the steps towards a better urban future and how countries can follow this same path.</p> <p>The WUF 11 constitutes a milestone in the development of the programme as it will showcase the strategies developed to face the cities changes and the tools to enable stakeholders to advance in the path towards a more sustainable future.</p>
<p>3.3 Explain the relevance to one or more SDGs (2000char).</p>	<p>The work of the One Planet Network's sustainable Buildings and Construction Programme the link to the programme "SDG12 Resource-efficient housing"; emphasises the issue of materials efficiency, it is a game-changer for SDG12 as it combines added value from the participating UN-Agencies while delivering on mainstreaming state of the art know-how on sustainable buildings and construction practices and analysing the value and the pillars for governments to make the shift towards more sustainable practices.</p> <p>The proposal of the programme is at a strategic crossroad between SDG 12, SDG 11 and SDG 13, taking advantage of urban development processes,</p>

	sustainable buildings and low-carbon construction. Looking at specific case studies and a roadmap for construction with a focus on resources efficiency and adequate and sustainable housing.
4. Promotion and Monitoring	
4.1 How do you plan to promote this event? (500char).	Mainstreaming and communicating in all partners' websites and sending invitations to the vast member network from the One Planet Network, UN-Habitat, UNEP, and UNOPS.
4.2 What is your monitoring strategy to follow up on the outcome of the event? (500char).	The event results will be translated into an article to be shared on the One Planet Network website and with the partners. Lessons learnt and best practices will be incorporated into the project. The event aims to identify potential partners and stakeholders from other countries to scale up the Resource-efficient housing programme.
5. Partners	

Organisation	Country	URL
Ministry of the Environment, Finland	Finland	<a href="https://ym.fi/en/front-page">https://ym.fi/en/front-page</a>
One Planet Network (UN-Habitat, UNEP, UNOPS)	Global	<a href="https://www.oneplanetnetwork.org/">https://www.oneplanetnetwork.org/</a>
State Ministry of Rural Housing and Construction & Building Materials Industries Promotion	Sri Lanka	<a href="https://www.gov.lk/welcome.html">https://www.gov.lk/welcome.html</a>
Others to be confirmed: GIZ	Germany	

6.

Title	First Name	Last Name	Official Title	Organization	Country
Mr.	Harri	Hakaste	Senior architect - Ministry of the Environment	Finish Government Ministry of the Environment	Finland
Mr.	Pekka	Huovila		Finish Government Ministry of the Environment	Finland
Ms.	Usha	Iyer/Raniga		OPN SBC	Australia
Ms.	Aziza	Usoof		Government of Sri Lanka	Sri Lanka
TBC	TBC	TBC		External partner GIZ/other	Germany
-	UNEP/UN OPS	Partners			

7. Languages and other info.	
Which is the main language of presentation?	English
Do you require catering services for your event? (Organizers are responsible for paying for the catering services)	No
Have you ever organized an event at a previous World Urban Forum (WUF) or Habitat III Conference?	Habitat III: Sustainable Housing for All: Global Partners, Local Solutions Networking Event 19 October 2016 WUF 9: SBC approach to Circular Economy in Buildings and Construction Networking Event 11 February 2018 WUF 10: Circular Built Environment supporting Innovation in Cities Networking Event 12 February 2020