

WUF11 SESSION CONCEPT NOTE

URBAN DATA AND CIRCULAR ECONOMY

1. Key Words:

- Urban Data
- Circular Economy

2. Objectives of the Session:

The Global Urban monitoring framework has provided a base structure upon which many cities and local governments can begin to monitor their progress in a comparable manner. The session will examine the opportunities and challenges available in cities that help enhance evidence based planning and discuss avenues of how this can be improved as part of the wider scope of accelerating the gains of the SDGs and NUA in cities and local governments.

The component on Circular Economy aims to bring together leading experts, city practitioners to exchange and share knowledge, experiences and practices on all aspects of Circular Economy. It also provides a premier interdisciplinary platform for experts, practitioners, bankers and governmental officials to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Circular Economy, and on how to accelerate circular economy and net-zero transition.

3. Summary:

World Urban Forum organises this flagship special session on Urban Data and Circular Economy, gathering decision makers, businesses, public authorities, NGOs, knowledge institutions and civil society organisations to discuss ways to advance the transition to a circular economy and the contribution of data to circular economy.

The Special Session on Urban Data and Circular Economy will discuss the following key issues and topics:

1. Alternative ways to redesign our economy to achieve equitable, sustainable and inclusive urban development.
2. Challenges and opportunities to promote circular economy in the built environment and urban sector.
3. The contribution of data analytics and real-time monitoring to circular economy.
4. Business models, financial models, strategies and tools to promote circular economy.
5. Incorporating circular economy, green economy, and digital economy into implementation of SDGs.
6. Assessment of benefits, opportunities and risks in circular economy, green economy, and digital economy.
7. Case studies and practices in promoting circular economy, green economy and digital economy.
8. Investment and financing of circular economy, green economy and digital economy.

9. Transforming materials value chains in economic restructuring and transition.
10. Scale up technologies, innovation, business transition and finance for circular economy and net-zero transition.
11. Examine the importance of creating a “culture of data” in optimizing city operations through big data platforms as well as on data analytics through urban observatories to enable evidence based policy formulation.
12. Innovative technologies and platforms will collect, generate and analyse data to and support integrated data driven governance. This event will focus on two aspects of sustainable cities: firstly, on technological innovations for urban governance, and, secondly, on emerging institutional structures for supporting new paradigms of urbanism and inclusive data systems.

4. Expected Outcomes and Impact:

1. It advances the debate and knowledge on circular economy policies, instruments and tools, actions.
2. Improves understanding of the importance of circular economy on achieving sustainable development in cities.
3. it promotes partnership and finance for circular economy and to advance the transition to a circular economy.

5. Session Format:

1. Presentation of speakers on key issues of urban data and circular economy;
2. guided discussions on urban data and circular economy;
3. questions and answers.