

### 10<sup>th</sup> Global Forum on Urban Resilience & Adaptation



Bonn, Germany 26 - 28 June 2019



#### Workshop: Circular Jobs in Cities

Assessing the societal and environmental impact of the circular economy in cities







#### **AGENDA**

- 11:00 Introduction: Circular jobs and resilience
- The concept of circular jobs
- 11:15 Cities experience
- 11:40 Circular value chains workshop
- 12:20 **Discussions summary**







#### **SPEAKERS**

Martina Otto, Head, Cities Unit, UN Environment, Paris, France

Annerieke Douma, Director of Cities and Regions, Circle Economy, Amsterdam, the Netherlands

Joke Dufourmont, Programme Lead, Jobs & Skills Programme, Circle Economy, Amsterdam, the Netherlands

Marion Guénard, Officer, Circular resource management and policies, ICLEI – Local Governments for Sustainability, Bonn, Germany

Guilherme Cavalcanti, Executive Director, ARIES, Recife, Brazil

Anne Draddy, Sustainability Coordinator, City of Baltimore, United States







# Circular Jobs and Resilient Cities?







#### Circular Jobs and cities

- As leading resource consumers and waste producers, cities play a pivotal role in driving the circular economy.
- They influence value chains beyond waste management, e.g. through the businesses they host, their procurement power and their ability to influence different stakeholders.







#### Circular Jobs and resilience

- Local circular strategies have the potential to increase the environmental resilience of a territory by decreasing its dependence on external inputs and protecting local ecosystems.
- At the same time, many cities turn to the circular economy to strengthen their socio-economic resilience. In particular, many studies point to the job creation potential of the circular economy.







#### The circular economy



**DESIGN FOR THE FUTURE** 



INCORPORATE DIGITAL TECHNOLOGY



SUSTAIN & PRESERVE WHAT'S ALREADY MADE





RETHINK THE BUSINESS MODEL





**USE WASTE AS A RESOURCE** 





PRIORITISE REGENERATIVE RESOURCES





TEAM UP TO CREATE JOINT VALUE







#### The concept of circular jobs

**CIRCULAR JOBS** are all full- and part-time occupations that involve one of the key elements of the CE or indirectly supports such activities.

**DIRECTLY CIRCULAR JOBS** include jobs that follow core and enabling CE strategies.

**INDIRECTLY CIRCULAR JOBS** include jobs that support the directly circular jobs.







#### Directly circular jobs



DESIGN FOR THE FUTURE

**ARCHITECT** 





**INCORPORATE DIGITAL TECHNOLOGY** 

DATA ANALYST





SUSTAIN & PRESERVE WHAT'S **ALREADY MADE** 

APPLIANCE TECHNICIAN





RETHINK THE BUSINESS MODEL

LEASING PROCESS MANAGER





USE WASTE AS A RESOURCE

RECYCLING OPERATIVE





PRIORITISE REGENERATIVE **RESOURCES** 

SOLAR PANEL INSTALLER



TEAM UP TO CREATE JOINT VALUE DIRECTOR TRADE ORGANISATION







# Mapping material flows in Recife

Presenter: Guilherme Cavalcanti, Executive Director, ARIES, Recife, Brazil







# Wasterto Wealth in Baltimore

Presenter: Anne Draddy, Sustainability Coordinator, City of Baltimore, Maryland, USA







# REPURPOSING WOOD WASTE CAMP SMALL, BALTIMORE



### DECONSTRUCTION











### BALTIMORE FOOD WASTE & RECOVERY STRATEGY

Developed by The Baltimore Office of Sustainability











#### **WORKSHOP: Circular Value Chains**



DESIGN FOR THE FUTURE

**ARCHITECT** 





**INCORPORATE DIGITAL TECHNOLOGY** 

DATA ANALYST





SUSTAIN & PRESERVE WHAT'S **ALREADY MADE** 

APPLIANCE TECHNICIAN





RETHINK THE BUSINESS MODEL

LEASING PROCESS MANAGER





**USE WASTE AS A RESOURCE** 

RECYCLING OPERATIVE





PRIORITISE REGENERATIVE **RESOURCES** 

SOLAR PANEL INSTALLER





TEAM UP TO CREATE JOINT VALUE DIRECTOR TRADE ORGANISATION







## Thank you!





