



Jwara Building, West Field
Serrekunda
Banjul, GAMBIA

Type of side event: Workshop _ DESCRIPTION

Title

Catalyzing innovation through STEM and circular economy – Adapting circular economy to the African context.

Subtitle

“Disruptive innovation: Become a circular economy leader and reshape the economy”

Program

Time	
40min	Introduction to circular Economy: Circular Economy in Belgium
	- Circular Economy
	- What’s in it for Africa?
20min	Q & A
1h30	Workshop – What are the enablers and barriers?

Organizing partners

She Leads Digital , other partners might be added in following months (but nothing sure, if changes arises we will make sure to inform the contact persons at AYC).

Thematic Focus – Innovations through STEM & Circular Economy

As resources are scarce, waste increases and as growth is generated throughout Africa, through the input of resources for the digitalization of Africa, incomes generated through agriculture - some bottlenecks are still lingering around. The growing importance of these bottlenecks is the reason why they need to be addressed.

- Firstly by (re)defining the role of STEM (not fragmented but as one sector, digitalization included) for the development of Africa
- Catalyzation of innovations through STEM and reshaping the economy through circularity
- The importance of practical instruction to produce sustainable technologies, partnerships and ideas
- The need for circular STEM leaders adapted to the African context (in order to address the bottlenecks)



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Potential contribution to the 3rd Pan African Youth Conference on African Unity and Development

This proposal is a call to youth (organizations, future leaders and development actors) to address youth participation and leadership in economic development – aligned with environmental governance and conservation (resources). As mentioned in the previous paragraph the event will help in identifying barriers and enablers. The event will be a first attempt in inspiring STEM-(future)leaders to go circular and redefine their position/role as catalyzer in the development of Africa, for them to be able to compete on a global level and decrease existing gaps. As this event will serve as workshop, the input coming out of this session will serve as groundbreaker for youth to create and promote activities in line with the earlier mentioned SDG's. This will also serve for youth as base when dialoguing and interacting with policy makers to amplify their voices in policy, economic decision making processes. At the same time, this workshop will inspire, encourage and empower active youth leadership and participation.

Check Out which UN sustainable design goals this workshop looks to address



4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development

9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending

9.B Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities

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12.2 By 2030, achieve the sustainable management and efficient use of natural resources

12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

12.A Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production

17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries

We thank you for your consideration and look forward to attend this 3rd Pan AYC !

See you in Gambia !

She Leads Digital