

Partner Search Form

Sustainable Urbanisation Global Initiative (SUGI)/Food-Water-Energy Nexus

Applicants looking for project partners can generate a “Partner Search Form” describing the profile of the organization they want to collaborate with. Applicants looking for project partners can also publish their ideas in the [LinkedIn group](#). The completed partner search form can be sent to the Call Secretariat who will publish it on the JPI Urban Europe website and on the LinkedIn Group as well.

Send the filled in form to: magnus.brink@iqs.se

Date: 04/02/2017

Section 1 – I am looking for:

A partner for my project

A project to join

Section 2 - Call Information: which topic(s) do you address?

Topic 1. Robust Knowledge, Indicators and Assessments

Topic 2. Multi-level Governance and Management of the Food-Water-Energy Nexus

Topic 3. Managing Potential Strategies and Solutions to address emerging Risk and Tradeoffs at the intersection of Sustainable Urbanisation and the Food-Water-Energy Nexus

Section 3 - Your Organisation

Organisation name and location: ENVAROS, Lusaka – Zambia

Contact person: Evans Tembo

E-mail: envaros@yahoo.com

Website: www.facebook.com/envaros

Description of the organisation (max. 100 words):

ENVAROS is a Zambian NGO founded in June 2014. Its mandate is to promote resilient communities through innovative research and capacity building in sustainable waste management, water supply and environmental sanitation.

One of the thematic areas is Undertaking research to investigate the underpinning factors which will facilitate the transitioning of Zambia from a linear to a circular economy. This help in developing a model for sustainable waste management in peri-urban areas which will be accompanied by the implementation of the proposed systems.

Section 4 - Free Keywords:

We are looking for partners to join in “Peri-Urban Sustainable solid waste management research in Zambia”

Section 5 - Project Description

An upswing in urbanisation of the Lusaka, the capital of Zambia has resulted in the collapse in the provision of services (thus drinking water, sewerage, energy and sanitation). For instance, currently the city does not have a sanitary landfill and only about 40% of the 2 million tonnes of generated solid waste is disposed of at the dumping site. On the other hand, the city has more than 75% onsite sanitation facilities which include poorly designed and unregulated septic tanks as pit-latrines. On the other hand, there is no take-back mechanism for plastic waste and other forms of waste. As such, cradle to grave (linear economy) is the only way of managing solid waste in Zambia.

This has resulted in the contamination of groundwater by seepage/leachate, blockages of drainage leading to floods, air pollution, more water borne and other water associated diseases.

For this reason, there is an urgent need to under an applied research which will seek to critically analyse the underpinning factors required to implementing a sustainable solid waste management in Lusaka city to protect the health of the urban communities and reduce water pollution.

Section 6 - Partner Profile Sought

Type of organisation:

Lead Partner more especially from Europe and another partner from Africa

Required Skills and Expertise (if applicable):

Sustainable solid waste, urban resilience, qualitative and quantitative research