

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: 08.02.2017

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: Akdeniz University, Antalya Turkey

Contact person: Prof. Faik Kantar

E-mail: fkantar@akdeniz.edu.tr

Website: www.akdeniz.edu.tr

Description of the organisation (max. 100 words):

Akdeniz University is situated in Antalya in the South West Turkey where rapid urbanization is taking place. The university operates 16 faculties, 7 institutes, 5 graduate schools, 11 vocational schools and 43 research and application centers, and offers education to some 60.000 students with academic staff of 2,600. The University provides education and conduct scientific research at a universal level; to contribute to the technological transformation of information; to meet the needs of society in the fields of knowledge, technology, art, culture, agriculture and other areas.

Section 4 - Free Keywords:

Urban agriculture, Innovation, Food, Water, Energy

Section 5 - Project Description

UrbiCulture: Exploring Innovations for Sustainable URBin agriCULTURE development in Turkey

In line with global developments, a rapid urbanisation has been experienced in Turkey. As of 2016, more than 90 % of population inhabit urbans including mega poles, provinces and sub districts as a result of continuous immigration of population from rural areas. As the large scale, energy driven industrial agriculture is becoming dominant in the rural areas, ties of overpopulated peri-urban and urban areas are severed from food production, food supplies become costly and more expensive, food security has been a matter of concern and life in the cities is becoming unsustainable with environmental, economical and social implications.

Integration of agricultural activities in to urban life with innovative water and energy saving technologies may alleviate problems experienced. Developed in pioneering cities of the world in response to search for sustainable and green cities with greater self-sufficiency, urban agriculture is according to FAO becoming as key parts of strategies for generating main/extra income, reducing cities' ecological food print, recycling organic wastes, protecting biodiversity, building resilience to climate change, stimulation of regional economies and buffering fluctuations in global food market. Utilisation of experiences earned elsewhere and novel technologies in the fields of production, water sawing and renewable energy sources supported by carefully planned and devised local and regional policies may facilitate the adoption of innovative policies and technologies in urban areas.

A project is planned in this direction that will basically include the activities/strategies of;

- 1)investigating more developed examples/cases/projects in other parts of the world in comparison with national status and applications,
- 2)bringing key national stakeholders (decision makers, policy makers, planners, city planners, engineers, city councils, municipalities, development agencies, concerned state organisations, universities, research institutes, engineering companies, mission related NGO's, producer organisations etc.) with international partners for training, briefings, seminars, SWOT/stakeholder analysis, and brainstorming workshops,
- 3)co-planning and co-designing to devise innovative and interdisciplinary fundamental and applied research projects using water and energy saving food production technologies,
- 4)implementing pilot innovative research projects using recent water and energy saving production technologies giving priority for maximum economical and social impact, in consortium with local, regional and national stakeholders as well as international partners,
- 5)Networking for sustainable and potential partnerships between local, national and international partners and stakeholders,
- 6)Organisation of an international conference with partners in Antalya to create awareness and disseminate project outputs and research results.

Section 6 - Partner Profile Sought

Type of organisation: Universities, Research Institutes, Municipalities, Technology companies, Specialised companies,

Required Skills and Expertise (if applicable): Expertise and experience for food production, water sawing and energy technologies is wellcome