

Partner Search Form

ERA-NET Cofund Urban Accessibility and Connectivity Sino-European call by JPI Urban Europe and the National Natural Science Foundation of China (NSFC)

Applicants looking for project partners can generate a “Partner Search Form” describing the profile of the organization they want to collaborate with.

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:**
klara.broms.seving@iqs.se

Date: 16.03.2022

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?

Theme 1: Sustainable Urban Logistics in the Age of Digitisation

Theme 2: Strengthening Climate-neutral Mobility

Section 3 - Your Organisation

Organisation name and location: "Gheorghe Asachi " Technical University of Iasi, Romania

Contact person: Lecturer Ph.D. Gabriel Chiriac

E-mail: gabriel.chiriac@academic.tuiasi.ro

Website: www.euedia.tuiasi.ro

Description of the organisation (max. 100 words):

„**Gheorghe Asachi**” **Technical University of Iasi, Romania**, is among the oldest and best-known higher education institutions in Romania, with an important tradition in engineering, scientific and cultural education and a thriving presence on the international scene.

Our project team is from the Faculty of Electrical Engineering having expertise in utilization of the electric energy (low voltage installations, heating, lighting installations, electric traction). Our last project is on electric buses, see on <http://www.elbus.ieeia.tuiasi.ro> with main objectives: *Improved automation system for auxiliary loads of the electric bus*, and *Improving of the range for the electric buses using renewable energy*.

Section 4 - Free Keywords:

Electric buses,

Passenger comfort,

Increasing Urban mobility attractiveness,

Energy efficiency.

Section 5 - Project Description

Project title: **Increasing the attractiveness of the urban transport mobility by**

increasing the passenger comfort on the electric buses with high energy efficiency.

The thermal comfort of the passengers and drivers inside the electric buses, even in extreme conditions, are to be studied, in order to increase the travel comfort of the people and to make the urban transportation more attractive.

The aim of the proposal is to ensure a high thermal comfort (at extreme external temperatures) for passengers and driver inside electric buses, with low electricity consumption and high energy and thermal efficiency on the electric buses.

The project proposal addressed to Theme 2: Strengthening Climate-neutral Mobility, with accent on issues related to decreasing carbon footprint for the electric buses, and increasing the attractiveness of the urban transport by increasing the thermal comfort of the passengers.

Section 6 - Partner Profile Sought

Type of organisation:

We are looking for one European partner (as co-applicant), and for an Urban/public Authority for our project proposal.

We have a Chinese partner (Xi`an, Jiaotong University).

Required Skills and Expertise (if applicable):