

## CARPE STUDENT CHALLENGE 2019 – Call for proposals

### Introduction

Cities and urban areas are vital for the social and economic development of regions and nations. They are important drivers for innovation, growth and job creation and provide room for individual lifestyles and diversity. On the other hand, cities and densely populated urban areas are tackled by global societal challenges such as climate change, dependence on fossil fuel energy consumption, increasing traffic volume, air and noise pollution, demographic change, migration and social injustice to only name a few. It is forecasted that in 2050, two-thirds of the world's population will live in cities and urban areas. CARPE partners are looking for student projects which will address or have addressed the outlined challenges and which come up with ideas for some innovative solutions.

### What is CARPE?

CARPE, the Consortium on Applied Research and Professional Education is the first strategic alliance of a number of European universities of applied sciences. The partners aim to encourage cooperation in European research programmes and jointly develop educational programmes. Our universities excel in providing added value to the regions we belong to, by training our students and delivering applied research and by working closely with businesses, public organisations and other institutions. CARPE partners collaborate on the following topics: Sustainability and technology; Inclusive, innovative and reflective societies; Health and wellbeing. We offer all our regional partners a chance to innovate. Globalization is a strong trend that presents new opportunities. We make the international perspective an essential part of all our educational and research programs therefore preparing our students that when they enter the labour market they have been exposed to the global dimension of the new and rapidly developing world.

### CARPE members:

1. Hamburg University of Applied Sciences,
2. HU University of Applied Sciences Utrecht,
3. Turku University of Applied Sciences,
4. Universitat Politècnica de València,
5. The University of Debrecen

### What are we looking for?

We are looking for project proposals that look into the future and develop new ideas to address the above mentioned challenges.

### First stage:

- Organize a team of 3 students from your University. Reflect on possible problems you want to address and brainstorm into possible solutions.
- Select a project idea and develop it into a short video (3-5 minutes) where the team presents the problem and outlines their approach for solving it.

### Second stage

- From the presented videos one is selected by each University evaluation team.
- This team represents the CARPE member on the Valencia CARPE conference.
- The selected team will describe the way they are planning to reach the project goal and outcomes of the project, what impact it will have, the feasibility of the project and a proposal how to finance the project . A presentation with maximum 20 slides or video max 10-15 minutes has to be prepared.

### Third stage:

- Travel to Valencia.
- The 5 selected teams (one per University) present their project live with the slides (videos and/or models are optional).
- The jury (one member per University) selects the winning team.

### Competition criteria

- You are a group of students of one of the CARPE university.
- Your project proposal meets the CARPE topics and the criteria mentioned for the First and Second stage

### Proposal criteria

Stage	Project Objectives
First	Provide a clear and concise (high-level) statement of the goals and objectives of the project as well as the expected or reached outcomes.
Second	<ul style="list-style-type: none"><li>• Technical Scope Summary: Provide a description of the overall work scope and approach to achieve the objective(s) and their impact.</li><li>• Task to be performed: The section should describe the specific activities to be conducted over the life of the project. This section provides a summary of the planned approach to this project and should clearly articulate what activities and outcomes must be accomplished</li></ul>

### Planning

May 2019	CARPE challenge announced at each University
July 2019	Submit first stage proposals
August 2019	Selection of 1 video
August-October 2019	University teams prepare their final presentation including bio team for publication on conference website
23/25-10-2019	CARPE Conference UPV November 2019, Finals CARPE Challenge

### Competition contact persons per UAS:

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