

## Workshop: Positive Energy Districts in teaching and Education

Workshop im Rahmen des BauZ! Wiener Kongress für zukunftsfähiges Bauen 2021  
25. März 2021, 9:00–12:30

**Chair: Simon Schneider, FHTW**

Positive Energy districts are envisaged to be a cornerstone of future carbon free buildings and cities. Their implementation hinges on the know-how and expertise of all involved partners: from developers, planners and consultants to users and regulatory and administrative bodies – all need a firm grasp of the state of the art and the skill to interface and collaborate on interdisciplinary and complex problems.

This session aims to address the teaching and education of PED-related and relevant topics and skills and how this can be achieved in practice. It is aimed at lecturers, educators as well as (aspiring) practicing professionals who see gaps in education or want to be informed of current developments.

The workshop is divided in two parts: The first part focuses on the exchange of experiences and best-practice examples of teaching approaches for PEDs and aims to address the following questions:

- How can PEDs be brought into teaching?
- Is it a good idea to mix students of different study programmes? What are the success factors?
- What is the response of students to innovative teaching methods and interdisciplinary teaching?
- What are the key skills and knowledge gaps of students?
- Is there a qualification gap for existing planners and professionals? How can this be addressed in teaching and postgraduate training?
- What educational offers and courses are currently missing for professionals?

### Program

#### Session 1 (09:00 – 10:30)

#### State-of-the-Art and Examples from current practice

##### 09:00 – 09:05 Introduction

Simon Schneider, MSc, project lead KolPEQ Stadt Wien competency team for liveable Positive Energy Districts

##### 09:05 – 09:20 Sustainable establishment of PEDs in teaching and study programs of the FHTW

Simon Schneider, MSc, project lead KolPEQ Stadt Wien competency team for liveable Positive Energy Districts, FH Technikum Wien

##### 09:20 – 09:40 GREEN.BUILDING.SOLUTIONS. – 10 YEARS OF INTERNATIONAL ACADEMIC EDUCATION IN THE SUSTAINABLE BUILDING SECTOR

Barbara Mayr, MSc, Program Manager Green.Building.Solutions

**09:40 – 10:00 DigiPEQ: The qualification gap for PED implementation from the practitioner's perspective**

Elisabeth Kerschbaum, Project coordinator DigiPEQ innovation course, FH Technikum Wien

**10:00 – 10:20 E-genius: PEDs in Massive Open Online Courses**

Dr. Katharina Zwiauer, Project Coordinator E-Genius

**Session 2 (11:00 – 12:30)**

**Developing new collaborations in PED teaching**

The second session is focused on networking and exploration of future collaborations in teaching and education of different formats on PEDs. Break out rooms will be provided to facilitate matchmaking and brainstorming.

**11:00 – 11:10 Introduction to the Format**

Simon Schneider, FHTW Wien

**11:10 – 11:30 Presentation HS Luzern Technik & Architektur**

Prof. Dr. Axel Seerig, Dozent Hochschule Luzern

**11:30 – 12:30 Working Session.**

Match-Making, Networking and Discussion of future collaborations

Moderation: Simon Schneider, Elisabeth Kerschbaum