

# Spotlight



Innovations for low carbon transitions – methods and tools for working with people, groups, organizations, and society.

Wroclaw, Poland | October 30-31, 2017

Information Pack

#Spotlight  
[Learning.climate-kic.org](https://learning.climate-kic.org)

Climate-KIC is supported by the  
EIT, a body of the European Union



# About the workshop

While there are many enthusiasts of innovations driven by technology, history shows that all successful transformations were social in nature. It is also known that many transformations fail, and not one single innovation falls short of making the breakthrough.

Today is the time when society needs successful innovations for low carbon transitions – a step change that will adjust the environmental footprint, while also improving the quality of life and economic viability.

The objective of this intensive two-day course is to take the participants through the five steps of Design Thinking. The fast-track workshop is designed to strengthen the success factor of participants' individual innovative ideas. You will work on your own case.

An intrinsic part of the course is the [Energy Transition Game](#) - a learning environment, where – while acting in a role with other players - you will experience a variety of challenges, interdependencies and trade-offs connected with launching new public and private initiatives. This will build your empathy and better understanding of what is needed to achieve success at the individual, group, organizational and social levels.

## Bring your own case study

Unlike standard courses, here we want you to focus on your own challenge. Bring the problems and innovative ideas related to socio-technological transition in European cities from your professional life. It can be a project that you are working on or an idea that you wish to realize in the future. If you cannot think of your own case study, you can simply contact one of the other participants before the workshop and agree to cooperate with them.

# Background

The main learning objective of the workshop is to support the participants in understanding human and social challenges, facing their transition initiatives and choosing the tools and methods to address them.

The course builds on many topics and approaches used by the coaches, including system transition and complex systems, innovation, sustainable development, capability building, renewable energy sources, energy transition, system dynamics and social network analysis. The framework for the workshop is the Five Steps of Design Thinking – Empathy, Define, Ideate, Prototype, and Test.

First, through the gaming approach, you will step right into the middle of the energy transition. For that purpose the [Energy Transition Game](#) will be used. Acting in your role with other players, you will experience a variety of challenges, interdependencies and trade-offs involved in launching new public and private initiatives. This will build your empathy and give you a better understanding of what is needed to achieve success at the individual, group, organizational and social levels.

Drawing on this experience, in the next steps we will introduce you to methods and tools to help you synthesize your problem definitions, to stimulate free thinking and to expand the problem space while generating new ideas.

After the workshop, prototyping your social innovation and testing it in real settings will generate new insights. We will provide you with the platform where you will be able to discuss this feedback with the broader community of change agents.

## What we offer:

Over the course of the workshop you will:

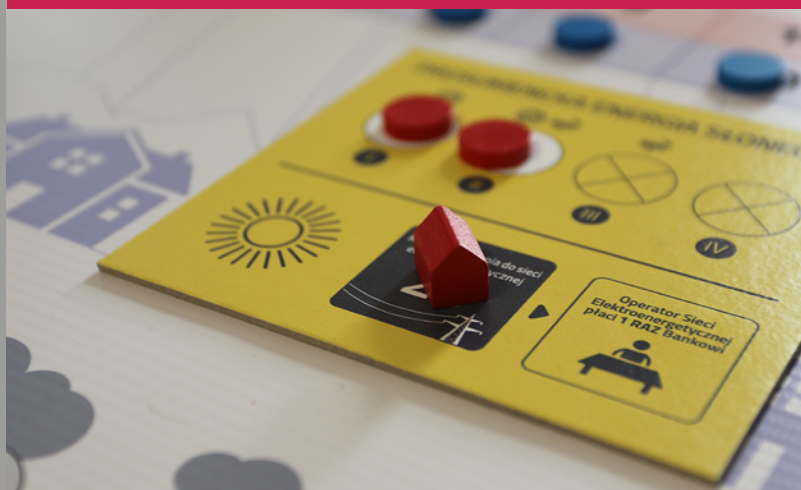
- Practice leadership skills to navigate a transition in the safe but challenging environment of a simulation game
- Be familiar with the different perspectives, potentials and limitations of a systemic change
- Learn how to apply various methods and tools which support climate transition processes
- Share and test your ideas with other participants and experts experienced in designing and implementing systemic innovations
- Establish longstanding contacts through a peer-to-peer network.

## Who can take part?

The course is geared towards participants with the following background:

- Entrepreneurs who are planning or running climate-related startups
- Managers who introduce new products/services in established companies
- Managers in public administration who plan and introduce new policies and regulations
- Scientists conducting research on climate transition processes
- NGO members planning or running climate projects/campaigns.

The course is participant-focused. We will address specific problems related to your initiatives, flexibly adjusting the content to meet your needs. By putting a strong emphasis on social processes, the workshop is suitable for a wide range of industries and sectors.



# Agenda

Location Wroclaw, Poland

October 30-31, 2017

## **Oct. 16, 2017**

e-learning phase

## **Oct. 30, 2017**

Day 1 Energy Transition Game

09:00 – 12:00    Module #1 – Energy Transition Game part 1, part 2

12:00 – 13:00    Lunch Break

13:00 – 17:15    Module #2 – Energy Transition Game part 3, debriefing

17:15 – 19:45    Dinner and networking

## **Oct. 31, 2017**

Day 2 Entrepreneurial skills and innovation capabilities: “Define” and “Ideate”

09:00 – 10:00    Module #1 – Transition theory and practice

10:00 – 11:00    Module #2 – Work in groups - Define

11:00 – 12:00    Module #3 – Work in groups - Ideate

12:00 – 13:00    Lunch Break

13:00 – 15:00    Module #4 – Entrepreneur panel - share ideas

14:00 – 16:00    Module #5 – Work in groups - test planning

16:00 – 17:00    Module #5 – Course summary

## **Nov. 27, 2017**

e-learning phase



## Coaches and experts



**Piotr Magnuszewski**

Piotr Magnuszewski, PhD, a co-founder and managing director of the Centre for Systems Solutions (Poland). For many years he has been working as a systems modeller, professional trainer, facilitator and researcher. He is particularly involved in linking theory and practice, science and policy, knowledge and action through diverse systems and knowledge management tools. He has been applying and teaching systems tools with diverse groups of scientists, NGOs, businesses and administration in many countries. Piotr also works as a research scholar

in the International Institute for Applied Systems Analysis (Austria) engaged in many international projects on adaptive management of complex socio-ecological systems. He has participated, as a researcher and work package leader, in many projects within the EU Framework Programme. In this context, he developed and applied, in a participatory way, a range of system dynamics qualitative and quantitative models. He has designed many simulation, role-playing as well as experimental games addressing the issues of sustainable development and disaster risk management, including "Floodplain Management Game", "Climate Game", "Forest at Risk", "Flood Resilience Game", "Gifts of Culture", and "Energy Transition Game".



**Felicjan Rydzak**

Felicjan Rydzak PhD, a leader of the "Business Dynamics" program at the Centre for Systems Solutions. He has a background in industrial management and organization of production. His main areas of work include planning and facilitating organizational changes, modeling and simulation of complex systems and development of experiential learning environments. He is a former OMS Learning Lead facilitating implementation of the Operating Management System and Continuous Improvement in BP Exploration & Production, Alaska. Currently he is

involved in transitioning global organizations from asset-based to functional models. He is also a Research Scholar at the International Institute for Applied Systems Analysis (Austria) Ecosystem Services and Management program involved in the analysis of policies' in areas offering social benefits and in pursuit of sustainable development goals.

# Partner organizations



**Climate-KIC** is Europe's largest public-private innovation partnership, working together to address the challenge of climate change. It drives innovation in climate change through creative partnerships large and small, local and global, between the private, public and academic sectors. All Climate-KIC partners bring their industry experience to the community and are connected through the centres across Europe.



The **Centre for Systems Solutions (CRS)** has over 10 years of experience in development and application of innovative tools for science-policy integration and knowledge brokering. The CRS specializes in systemic innovation, working with multiple stakeholders (business, administration, NGOs, research) at many different levels (international to local) on issues including climate, water, and energy. We apply state-of-the-art methods to handle multiple perspectives and conflicts, and to facilitate social dialogue.

The CRS is a leading developer of serious games and simulations in the area of climate change and sustainability to support research, education, and policy experimentation. We participated in many projects within the EU Framework Programme such as PSI-connect (Policy Science Interactions: connecting science and policy) that facilitated interactions between policy and science in the context of climate change impacts on freshwater management.

The CRS has been working with a wide range of partners from different sectors, including Climate KIC, TNO, the International Institute for Applied Systems Analysis, the Potsdam Institute for Climate Impact Research, the University of Colorado, Wuppertal Institut, Ernst & Young, Goethe Institut, European Forum Alpbach as well as government departments in many countries.

# Course Location and Logistics

**Date Webinar:** Oct. 16 & Nov. 27, 2017

**Date and exact location for the course:** Oct. 30-31, 2017, Wrocław, Poland

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## City Description

Wrocław is a city on the Oder River in western Poland. It's known for its Market Square, lined with elegant townhouses and featuring a modern fountain. Also on the square there is the Gothic Old Town Hall, with its large astronomical clock. Nearby there is the Panorama of Racławice, a painting depicting the 1794 battle for independence. The Centennial Hall auditorium, with its giant dome and tall spire, lies across the river. It is often called Poland's Silicon Valley. It is situated near the European centers of technology and presents a more cost-effective opportunity than countries like Germany or England. It offers the space and infrastructure as well as many very well-trained young engineers to attract investors, guest conferences, or even establish new industrial centres and departments for different companies operating in diverse business areas.



# Practical information

How to get to the city

## By air:

The Wrocław Nicolaus Copernicus Airport is located within the city's borders

Address: Graniczna 190, 54-530 Wrocław.

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## By taxi:

Wrocław Główny is the main railway station in Wrocław, located in the city centre, ..... from the venue.

# Ways to reach the city, frequency and costs

How to get to the city:

## By bus:

From the airport you can take a bus to the city centre (to the main railway station) number: 106 at day time and 206 at night time. Ticket machines are available on every bus and tram. You need to validate a ticket once you get onto a bus / tram. To travel easily within Wrocław, please visit:

[www.wroclaw.jakdojade.pl](http://www.wroclaw.jakdojade.pl)

A regular, one-way ticket for one adult person costs around 3 zł (about EUR 0.80)

During the day time, a bus leaves from the airport every 30 minutes and takes approx. 45-60 minutes to reach the city centre.

## By taxi:

You can use taxis within Wrocław. 1km costs about 2.5-10zł and depends on the taxi corporation and time of travel. We recommend using EcoCar, as this taxi corporation uses only hybrid cars.

The journey from the Airport to the city centre – the Market Square or the Main Railway Station will cost 50zł – 150zł (13 – 45 Euro).

## By tram:

To get from Main Railway Station (Tram stop: Dworzec Główny) to the workshop venue (Tram stop: Katedra) you can take a tram number "2" – it leaves every 20 minutes.

A regular, one-way ticket for an adult costs around 3 zł (about EUR 0.80).

# Course location:

WenderEDU Business Centerul. św. Józefa 1/350-329 Wrocław (Entrance from Odra river side)

# Accommodation

## **WenderEDU Business Cente** (same location as the workshop)

Świętego Józefa 1/3, 50-329 Wrocław

P. +48 71 733 66 61 Fax +48 71 733 66 61

[repcja@wenderedu.pl](mailto:repcja@wenderedu.pl)

[www.wenderedu.pl](http://www.wenderedu.pl)

## **Hotel Tumski wyspa**

Słodowa 10, 50-266 Wrocław

P. +48 71 322 60 88

[hotel@hotel-tumski.com.pl](mailto:hotel@hotel-tumski.com.pl)

[www.hotel-tumski.com.pl](http://www.hotel-tumski.com.pl)

## **Hotel im Jana Pawła II**

Świętego Idziego 2, 50-328 Wrocław

P. +48 71 327 14 00

[hotel@hotel-jp2.pl](mailto:hotel@hotel-jp2.pl)

[www.hotel-jp2.pl](http://www.hotel-jp2.pl)

## **Radisson**

Jana Ewangelisty Purkyniego 10, 50-156 Wrocław

P. +48 71 375 00 00

[info.wroclaw@radissonblu.com](mailto:info.wroclaw@radissonblu.com)

[www.radissonblu.com](http://www.radissonblu.com)

# Fees and registration

Course fee: EUR 800. A 50 % discount on the regular fee is available for the groups below:

- Climate-KIC partners
- public institutions
- Climate-KIC alumni
- NGOs

Grant applications are possible for citizens of the following countries: Cyprus, Bulgaria, Estonia, Latvia, Lithuania, Malta, Portugal, Romania, Serbia, Slovenia.

Participation can be cancelled free of charge until four weeks before the course. Fees already paid will be reimbursed. 50 % of course fees are payable in case of cancellation between four and one week before the course. Already paid fees will be reimbursed accordingly. Full fees apply after cancellation less than one week before the course.

Please note that slots are limited and applications will be assessed as they come in. The deadline for application is Oct. 9, 2017.

For further information and online application:

[click here](#)

For further enquiries, please contact:

Joanna Sabat, [joanna.sabat@climate-kic.org](mailto:joanna.sabat@climate-kic.org)

In collaboration with:

