For more information about the upcoming IGLUS training events, visit our website at www.iglus.org
Europe is highly diverse and home to legacy cities, many of which are being challenged by industrial decline and urban sprawl. In parallel, the European Union is pushing its urban agenda aimed at decarbonization and competitiveness, not least thanks to its support for initiatives at the urban and metropolitan levels. Dortmund is one of the cities that constitute the Rhine-Ruhr metropolitan area, with its 10 million inhabitants, characterized by its extreme poly-centricity. Historically developed around coal and iron, the Rhine-Ruhr metropolitan area is now undergoing profound industrial restructuring and, as such, has become one of the most interesting laboratories of metropolitan governance and transition to smarter and more sustainable energy systems. Barcelona is another example of European metropolitan, despite being built within the context of the dynamics of the Catalan region. Barcelona has spearheaded Europe’s ambition in matters of smart, resilient, and sustainable urban development.

In our Dortmund and Barcelona Action Learning module you will specifically find answers to the following questions:

1. How can cities foster metropolitan governance?
2. How can cities transition to smart, sustainable, and resilient urban infrastructure systems?
3. What does it take to transform industrial spaces into green public spaces?

INFRASTRUCTURE COVERED IN DORTMUND - BARCELONA
- Transport
- Energy
- Green infrastructures
- Water, waste and wastewater

From Byzantium to Constantinople to Istanbul, this city has over 2000 years of history between Europe and Asia, with tradition and culture deeply ingrained in its DNA. At the same time, Istanbul is becoming one of the world’s most modern metropolitan areas, known for its skyscrapers, world-class airports, iconic bridges and complex transportation networks, thus exemplifying the modern Turkey. Where else than in Istanbul can one see as clearly the contrasts and the bridges between tradition and modernity, the East and the West, the religious and the secular, not to mention the geography characterized by fault lines (Bosphorus) and earthquakes, as well as its politically and socially highly dynamic environment? It is against this backdrop and the corresponding challenges that the city – and its metropolitan area with its 18 million inhabitants – constitutes one of the world’s most interesting place for successfully managing and governing urban infrastructure systems in times of transition.

In our Istanbul Action Learning module you will specifically find answers to the following questions:

1. How can cities use urban infrastructure initiatives to accelerate urban renewal and development?
2. How can cities effectively manage and make use of municipal companies?
3. How can cities preserve tradition, culture and nature while aggressively developing urban infrastructures?

INFRASTRUCTURE COVERED IN ISTANBUL
- Transport
- Housing
- Green infrastructures
- Water, waste and wastewater
DEGREE REQUIREMENTS
In order to obtain the IGLUS Executive Master’s degree from École Polytechnique Fédérale Lausanne (EPFL), participants must, within a period of two years from their first module:

• Follow two free massive open online courses (MOOCs) on managing urban infrastructures and smart cities, respectively, prior to taking the first module;
• Attend five out of the six modules;
• Write a 60-page master’s thesis.

THE IGLUS EXECUTIVE MASTER IS BUILT ON A ROLLING BASIS, MEANING THAT YOU CAN ENROL ANYTIME.

ENROLMENT
Enrolment is possible anytime, provided the candidate has a minimum four-year bachelor’s degree plus five years of professional experience. Participants will have two years from their first day in the class (first day of the module with which they start the program) to complete all the requirements.

COSTS
• Tuition fee for the Executive Master’s course is 20'000 CHF; a limited amount of tuition reduction is available for qualified participants.
• Travel, accommodation, and other logistics costs will be at the expense of the participants.
• Tuition fee for attending in only one of the training modules is 3'000 CHF.

REGISTRATION
The IGLUS Action Research initiative and Executive Master’s program are offered by EPFL in collaboration with the following partners:

IGLUS is a global action research initiative built around the IGLUS Executive Master. It is grounded in a solid conceptual framework and research agenda that links urban infrastructure management and governance to city performance, with a special focus on the role played by the information and communication technologies.
DEGREE REQUIREMENTS

In order to obtain the IGLUS Executive Master’s degree from École Polytechnique Fédérale Lausanne (EPFL), participants must, within a period of two years from their first module:

• Follow two free massive open online courses (MOOCs) on managing urban infrastructures and smart cities, respectively, prior to taking the first module;
• Attend five out of the six modules;
• Write a 60-page master’s thesis.

THE IGLUS EXECUTIVE MASTER IS BUILT ON A ROLLING BASIS, MEANING THAT YOU CAN ENROL ANYTIME.

ENROLMENT

Enrolment is possible anytime, provided the candidate has a minum four-year bachelor’s degree plus five years of professional experience. Participants will have two years from their first day in the class (first day of the module with which they start the program) to complete all the requirements.

COSTS

• Tuition fee for the Executive Master’s course is 20’000 CHF; a limited amount of tuition reduction is available for qualified participants.
• Travel, accommodation, and other logistics costs will be at the expense of the participants.
• Tuition fee for attending in only one of the training modules is 3’000 CHF.