IGLUS is a very innovative executive master’s program, which brings together professionals from a wide variety of backgrounds. The program is structured in a country- and topic-specific way, addressing major urban issues of each metropolitan city. Each module provides a unique perspective on urban development combining theory with practice. Participation of major international firms and institutions also offers a practical approach to issues with real life solutions.

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. Lyon is another example of European metropolization with challenges of urban planning and transport. Limits of planning, local and regional governance of transport are some widely discussed topics in Lyon case.

In our Lyon and Dortmund 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?
4. What are the decision making processes in urban transport systems?

INFRASTRUCTURE COVERED IN LYON - DORTMUND
- Transport
- Energy
- Green infrastructures
- Water, waste and wastewater
- Smart urban systems

Yannis Evmolpidis - Athens, Greece
Education: master in Urban Planning
Profession: advisor to the mayor of Athens
Alumni of the 2nd edition of the program
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.

DEGREE REQUIREMENTS
In order to obtain the IGLUS Executive Master’s degree from Ecole 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.
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.

The IGLUS Action Research initiative and Executive Master’s program are offered by EPFL in collaboration with the following partners:
For more information about the upcoming IGLUS training events, visit our website at [www.iglus.org](http://www.iglus.org)