



POLITECNICO
DI TORINO

NUR – New Urban Resources

Renewable Energies for Bethlehem

Partners presentation

POLITECNICO DI TORINO

Turin, 18th–19th April, 2018
Kick Off Meeting

With the support of

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ISTITUTO SUPERIORE SU
SISTEMI TERRITORIALI PER L'INNOVAZIONE



31,500 students enrolled in Bachelor's and Master's degree programmes

58% students from outside Piedmont

14% international students

5,300 first year students

360 students enrolled in I and II level Specializing Masters programmes, Lifelong Learning courses and training courses for businesses (A.Y. 2015/2016)

700 PhD candidates

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SIIT
Istituto Superiore sui
Sistemi Territoriali per l'Innovazione



2016 QS World University Ranking by Faculty

- #66 Engineering and Technology

by Subject

- EUROPE

- #16 Architecture/ Built Environment
- #9 Civil and Structural Engineering
- #10 Electrical and Electronic Engineering

- WORLD

- #50 Architecture / Built Environment
- #37 Civil and Structural Engineering
- #40 Electrical and Electronic Engineering

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Courses

Course catalogue (A.Y. 2016/2017)

22 Bachelor's degree programmes (3 in Architecture and 19 in Engineering)

30 Master's degree programmes (7 in Architecture and 23 in Engineering)

16 educational paths taught completely in English

16 PhD programmes, including 5 in cooperation with other universities and research centres

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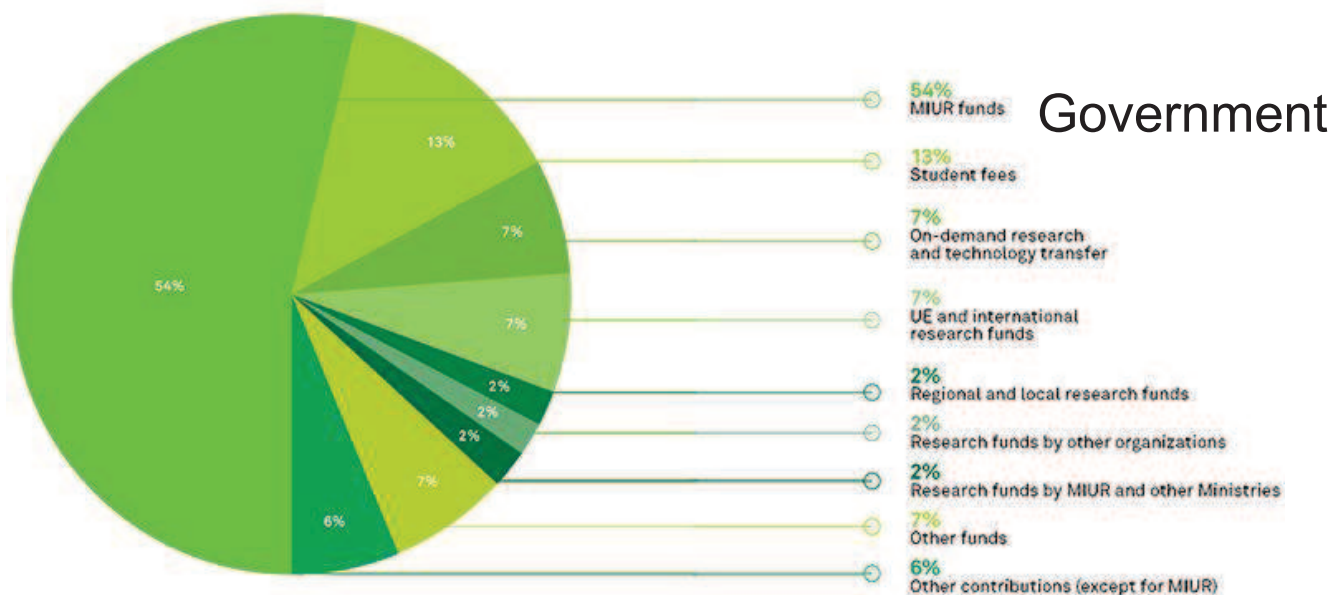
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Research grants and overall turnover

Research Grants

Grants	Number	Mln.€
H2020 EU projects (2014-2016)	97	34.7
International projects (2012-2016)	36	3.3
National projects (2012-2016)	112	19.2
Regional projects (2012-2016)	324	40
Research contracts with the public and private sector (2016)		18.9



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(update to 31.12.2016)

Faculty

Full professors 209

Associate professors 384

Researchers / Assistant
professors 261

Female population 27.4%

Administrative staff

Staff members 871

Female population 59.7%

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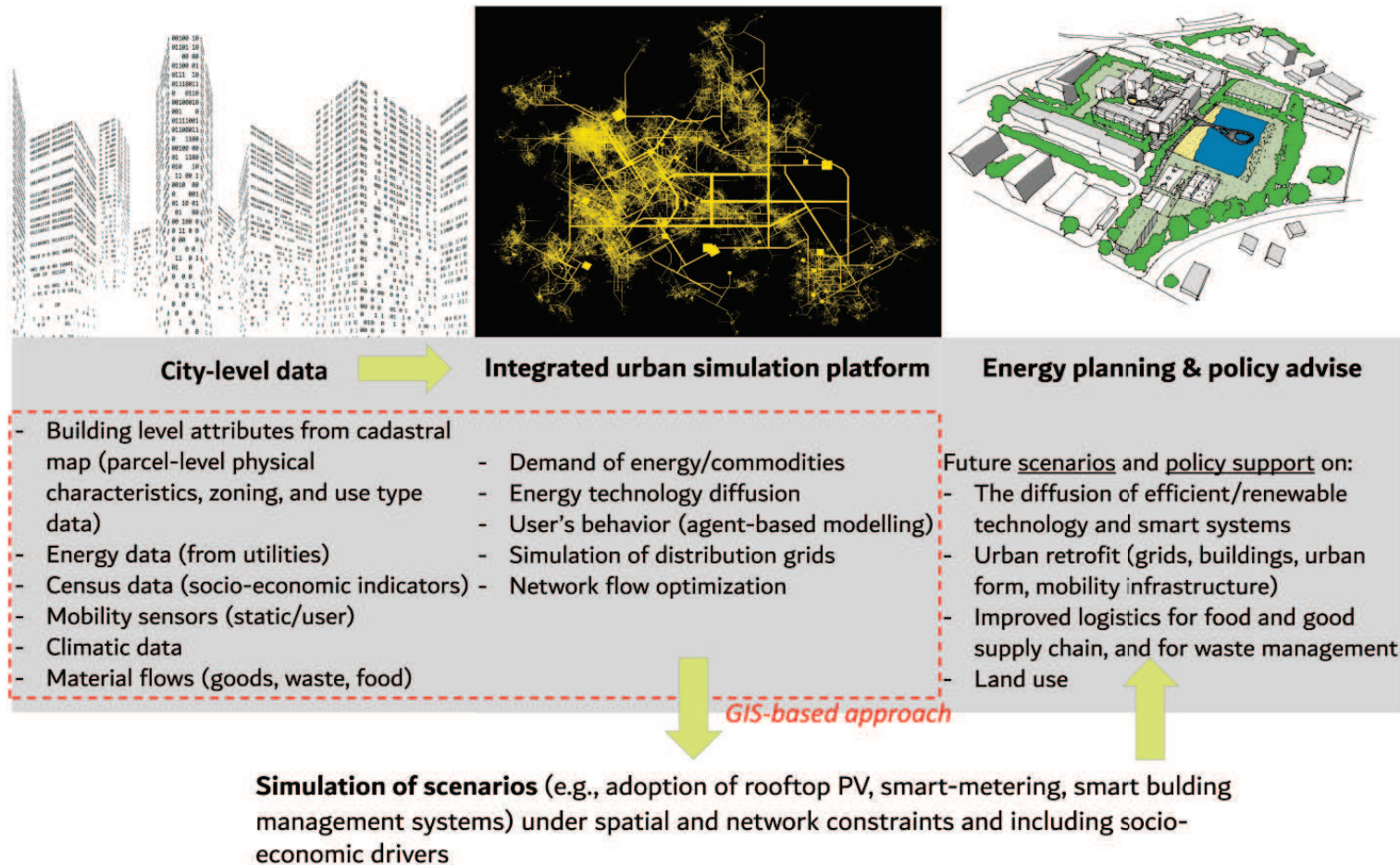
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Urban energy planning



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ISTITUTO SUPERIORE SU SISTEMI TERRITORIALI PER L'INNOVAZIONE



POLITO will prepare **teaching materials and resources** in view of the upcoming tutorials to be offered to professionals and future instructors in the city of Bethlehem.

The material will cover the topics of **energy efficiency measures** in the urban context spanning from passive to active solutions.

A review of **best available technologies** (especially renewable ones) and **best practices** will be also provided.

Methodologies for **urban energy planning** and operational management of integrated urban energy systems will be also included in the teaching material.

A preliminary **urban energy plan** will be also drafted in collaboration with the University of Bethlehem. This will be also a first to establish a scientific collaboration between the two Universities.

The Energy Center Initiative

New building within the campus of POLITO that **hosts companies, start-ups and public administrations** active in field of energy technology, management and policy

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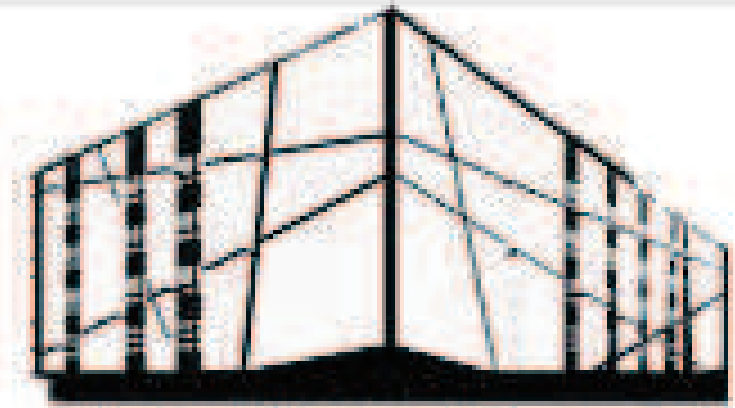


ISTITUTO SUPERIORE sui Sistemi Territoriali per l'Innovazione



Energy Center House
(EC-H)

New building within the campus of POLITO that hosts companies, start-ups and public administrations active in the field of energy technology, management and policy



Energy Center Lab
(EC-L)

It gathers a multi-disciplinary group of faculty members of Politecnico di Torino who is devoted to discovering the best techno-economic, social and environmental solutions for a transition toward a more sustainable society

