

*The "Urban and Environmental Engineering" major trains engineers capable of managing technical urban planning projects issued within the framework of the transition to sustainable territories.*

## WHO IS AN ENVIRONMENTAL AND URBAN ENGINEER?

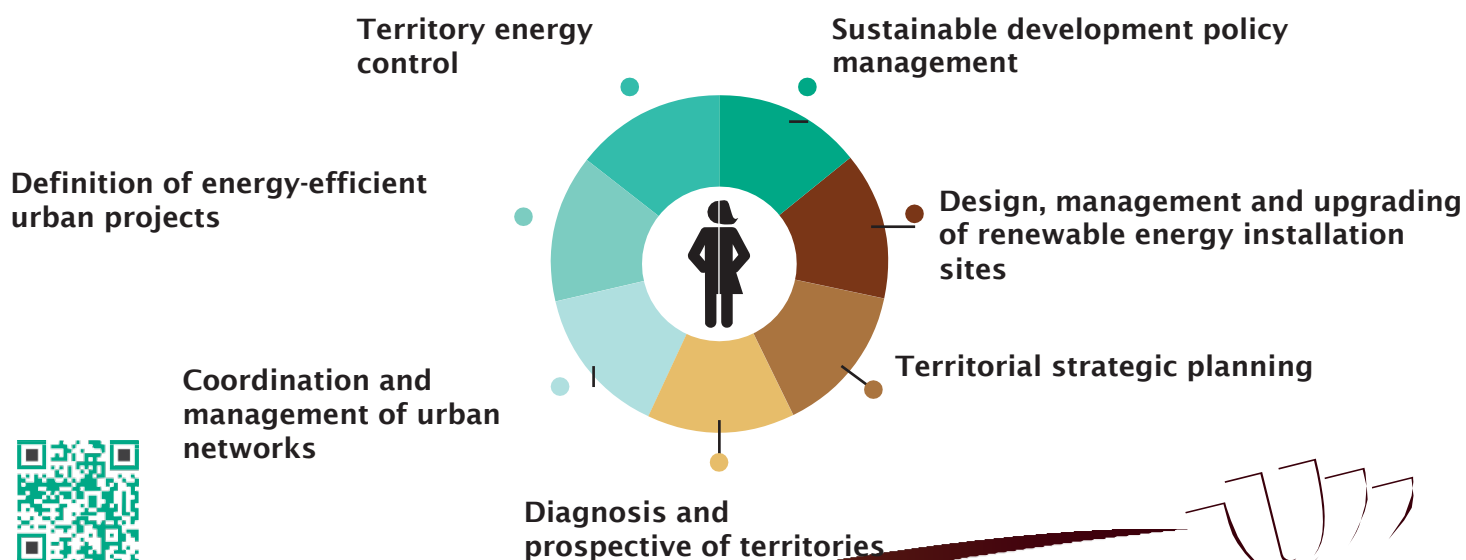
- The Urban and Environmental Engineer has a great technical and environmental versatility, able to intervene at different spatial scales and to deal with different aspects of the territory (roads and various networks, public spaces, buildings, etc.). He has the qualities of a "project manager", regularly collaborating with actors in urban planning and development (technical experts, town planners, architects, developers, etc.).
- ESIREIMS Urban and Environmental Engineering skills cover spatial planning (planning, territorial project, urban project, operational urban planning), roads and various networks (lighting, transport, waste, water, etc.), the environment (sustainable development policy, territorial ecology, urban climates, bio-sourced materials, carbon balance, etc.), energy (management of energy production systems, renewable energies, building energy ...), digital tools (SIG, BIM ...), law (urban planning, environment) and management and relationships (project management and control, control of the interplay of actors ...).

## JOBS

Given the importance of environmental issues and the growth of sustainable development policies in the regions, urban and environmental engineering is a profession of the future.

Graduates of the Urban and Environmental Engineering program at ESIREIMS will be called upon to occupy positions of great responsibility, both managerial and technical.

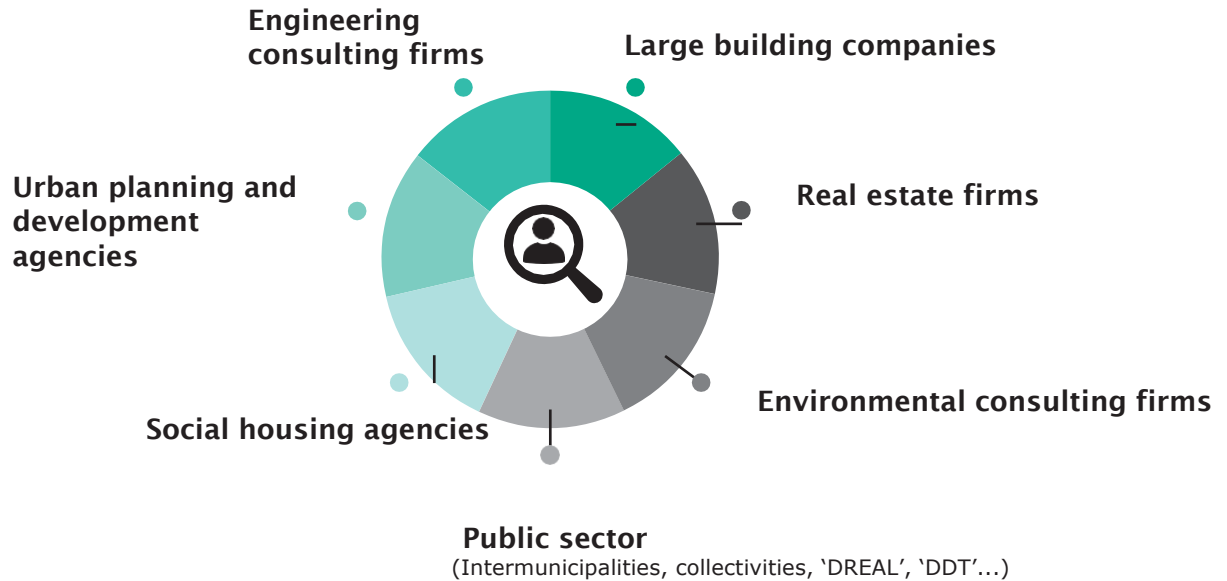
Engineers in this field occupy cross-disciplinary jobs (study, design, planning, construction) in the field of sustainable development of urban and rural areas.





## BUSINESS SECTORS

Many companies as well as the public sector are recruiting engineers in Urban and Environmental Engineering. The training gives access to the competitive examination for territorial engineers in the civil service.



## JOBS AND CAREERS:

The Urban and Environmental Engineering program, offers multidisciplinary training close to the demands of the job market. The identified offers are very numerous, and few training courses offer this specialty.

### Examples of jobs:

- Urban planning engineer in a design office,
- Project Manager for Development and Infrastructures in a real estate development company,
- "District energy strategy" Project Engineer in a social housing company,
- "Environmental engineering" Project manager in an urban planning and engineering agency,
- Director of urban infrastructure development in a local authority.

## CONTACTS

### Secretary:

Mrs. Sophie ZWEIFEL: 03 26 91 33 99 / [scol.esireims@univ-reims.fr](mailto:scol.esireims@univ-reims.fr)

### Contact ESIREIMS:

[esireims-contact@univ-reims.fr](mailto:esireims-contact@univ-reims.fr)

