Introduction:

To try to create a new kind of city, efficient, sustainable, green, and of course more human, is nowadays one of the main goals of many governments all around the world. We must learn how to use the energy that we have at all the places, also in our cities.

Only the public requirements of energy consumption with the street and traffic lights, or the government buildings, are enough to spend in time this kind of energy production. We want to generate energy for the first use, because stock it is expensive and inefficient.

Today all the cities have energy distribution systems like the street lamps grid system. We desire that our students think in a new designs of a city energy grids that optimize the energy consumption closer the production, or mix it.

Zeus project is part of an framework that is called Urban Node project

Project Brief:
The main goal of the work is study of ability to improve and develop the generation and distribution of electrical energy in the cities, new design proposals and it's costs justifications.

- This project is about green and renovable energy
- We must not use batteries. We don't stock energy at any place.
- The energy must be spent at the same time of generation
- We must propose how to generate green energy in the cities.
- We must design a grid for energy generation and distribution proposals
- We must make a definition of an implantation process
- All the system proposals must be economically sustainable.

Company

Name: Neapolis
Address: Rambla exposició 59 - 69
Contact person:
Josep Farré  josepff@neapolis.cat  936571221