

Dear Designers,

we are looking for three illustrations showing 1.) a stylized map of the “European energy system” and 2.) a so called “Smart City”, and 3.) the side view of a single family dwelling without the front wall so that we can see what’s going on in the house. The look and feel of all three graphics must be identical, so that they can be used together and so that we can zoom from one illustration into another. The look shall be a “modern” style, the example pics below shall only serve as an idea of the content and placement of the elements.

The illustrations need to be in a format allowing almost unlimited zooming without loss of quality. One way how you can test it, is to use it as the background canvas in www.prezi.com and if it works there it will work for us. Format must be .png 3000 pixels wide.

For 1.) we need a map of Europe where the main elements of a modern energy system are represented in a simplified way. See Figure 1 that basically does what we are looking for, but we hope you have ideas for a more catching illustration. We need to have the following elements represented

- 2 wind mills in the sea between the UK and Denmark
- a solar power plant in Spain
- a hydro power plant at the Danube
- a pump hydro storage power plant in the Alps
- a tidal power plant in Norway
- some trees in Southern Finland
- a nuclear power plant in France
- some industry with a smoking chimney in Southern Germany
- a power line from the solar power plant in Spain to the industry in Germany with at least one power pylon
- a power line combining some other facilities, with a broken pylon = blackout
- a control unit for the power grid, could be a house in which the power line goes in at one side and comes out at the other side
- a gas pumping station in the very Western part of Russia
- from the gas station in Russia a pipeline to either Austria or Germany (where it better fits into your graphic)
- Crude oil tanker in the ocean
- Coal mining site in Poland
- Gas storage facility – huge gasometer, connected to the pipeline, should be in the UK
- Heavily smoking power plant, connected to the power grid
- Oil pumping station off the Norwegian coast, and a pipeline from the pumping station to Germany
- Some corn- or grainfields in Rumania or Bulgaria, indicating biomass resources in that area
- Some cows wherever there is still some space left
- The EU flag in Brussels (blue ground with yellow stars)

- a waste dump, at the edge of the city
- office and residential buildings
- at least one single family dwelling
- a power plant (e.g. with symbols for heat and electricity) connected to the cables and underground pipes
- a telecom base station (potentially with a data curve or dotted lines illustrating interconnection of facilities)
- some people that make the city a vital place

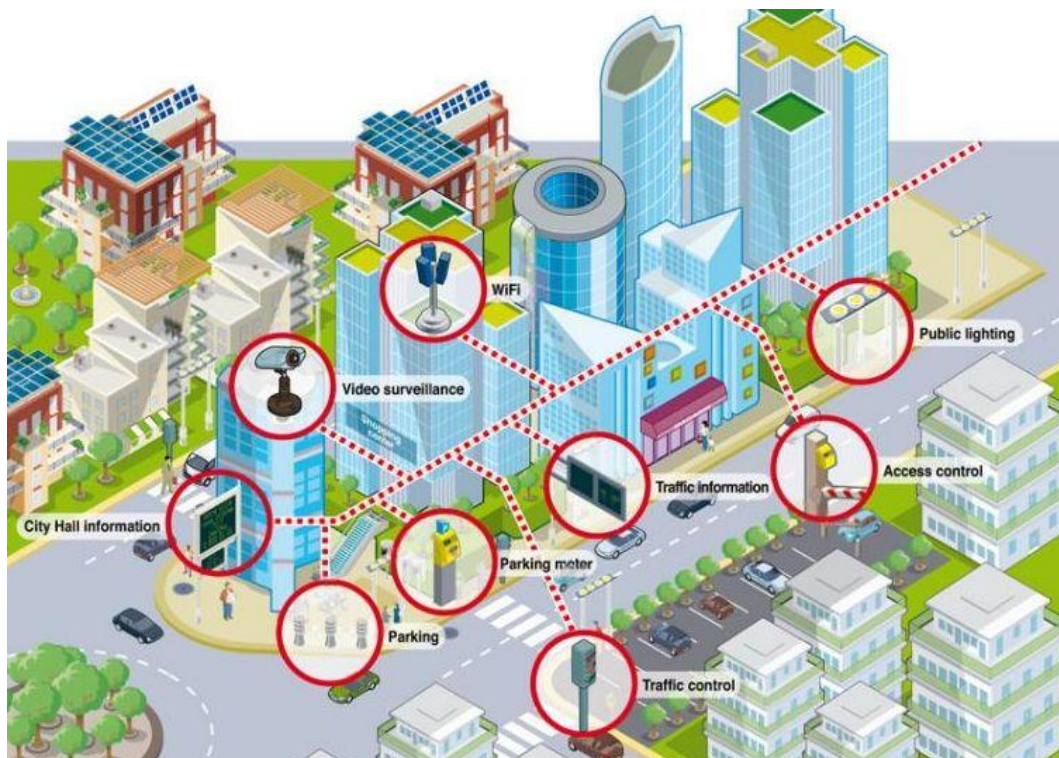


Figure 2: Example of the level 2. graphic

For 3.) we need a stylized version of a single family dwelling where we can see what's happening inside, and a neighbouring single family dwelling where we can't see inside (maybe small and in the background), and the elements placed in the open house are

- a thick cable between the two houses
- a solar panel on the rooftop
- an electric vehicle in the basement
- in a garden cabin an obviously "bad guy" using a PC – a hacker (e.g. could have a transformers decepticons symbol on the screen or something better)
- a high resolution guy playing with his tablet PC, if possible the display of the tablet should be white and we should be able to zoom onto it

- the kitchen has all modern devices: dishwasher, oven, fridge, ...
- a utility room has a washing machine and a tumble dryer
- on the wall of the basement room where the car is in, an element on the wall that can be interpreted as a battery system. Could be a cuboid on the wall having a lightning on it (shall represent something like a "Tesla powerwall")
- a room in the basement having a renewable heating system, maybe stylized with a crossed out flame symbol
- a smart meter in the basement, please google "smart electricity meter" for pics



We are looking forward to your design!