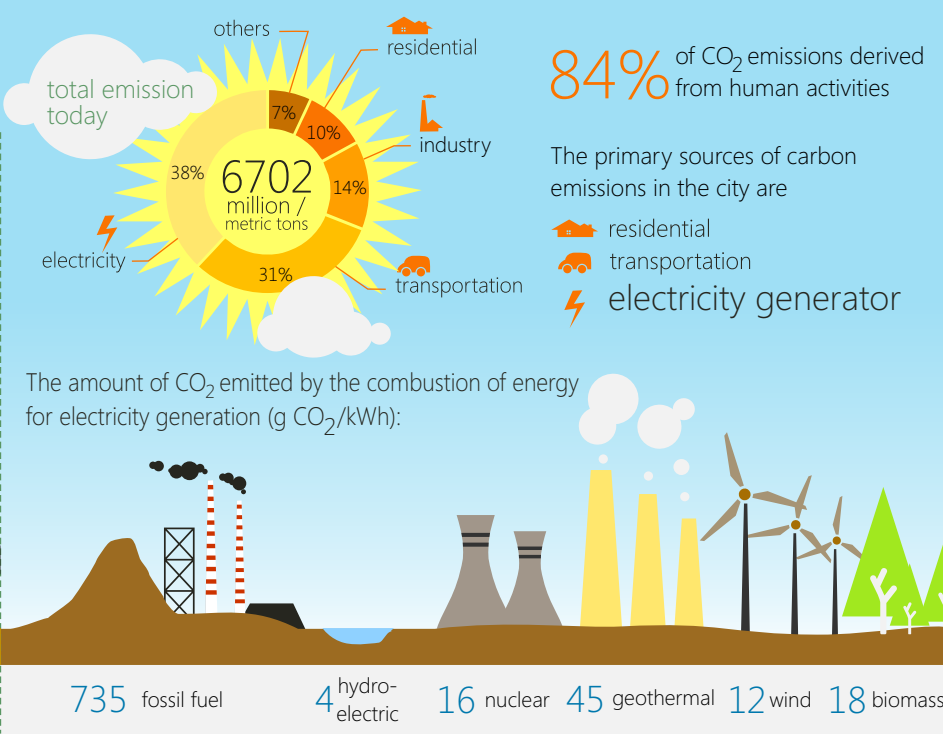
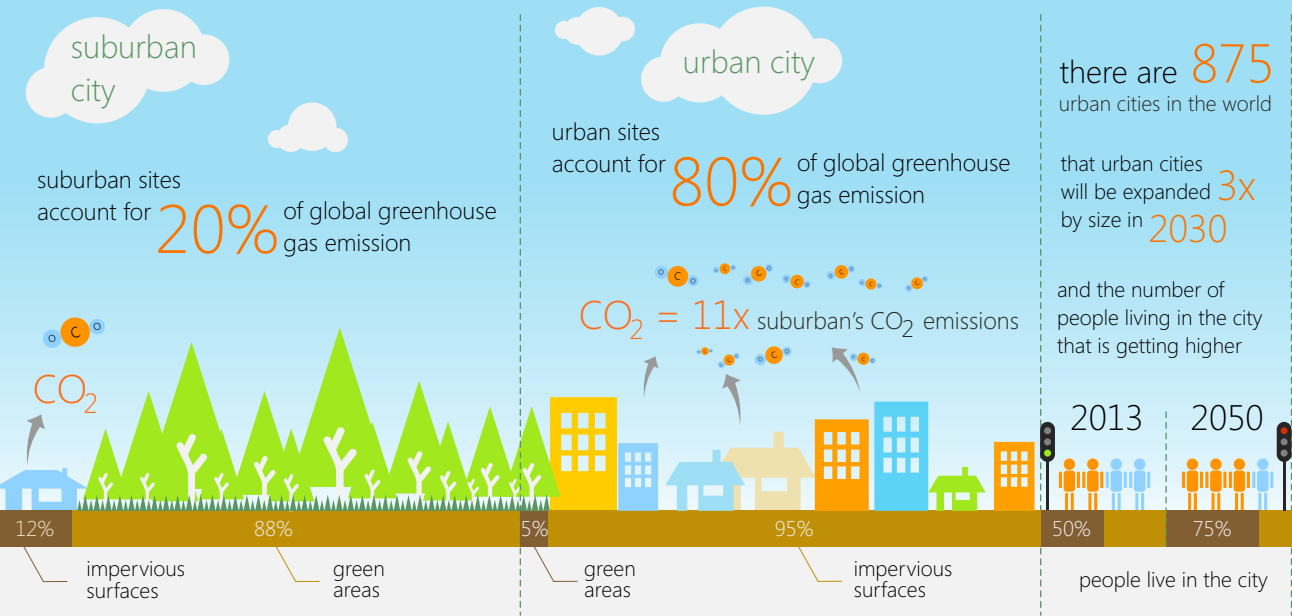


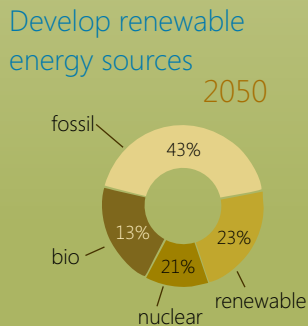
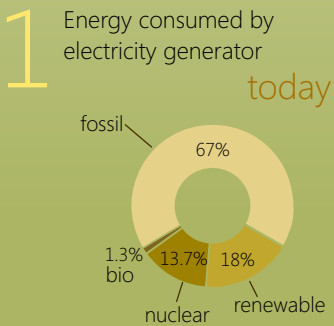
How Cities Contribute in CO₂ Emissions



5 Ways to Decrease CO₂ Emissions

Electricity

Cities' electricity demand will grow **2x** in **2050**



CO₂ emission reduced by **34.47%**

2 Conserve energy

- make appliances more efficient
- reduce energy use in building



75 million tons CO₂ reduced / year



360 million tons CO₂ reduced / year

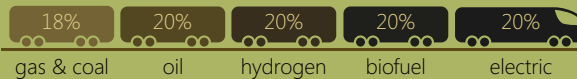
Transportation

Transportation demand will increase **120%** in **2050**



3 Use alternative sources of fuel

2050



4 Switch to public transportation or bike



Residential & Commercial

In the last 5 years in Asia, **37** million urban residences are added each year

It is equal to **100,000** /day

Buildings are responsible for **>40%** of the world's total primary energy consumption and for **24%** of global CO₂ emissions.

5 Develop green roof

150 Mj energy saved per year
1,5 kilos of fine particle cleaned per ha air
187 g of CO₂ absorbed per year per m² roof
7 years are taken to become carbon neutral, similar to a solar panel.
60% other dangerous greenhouse gasses and airborne particles in urban areas reduced