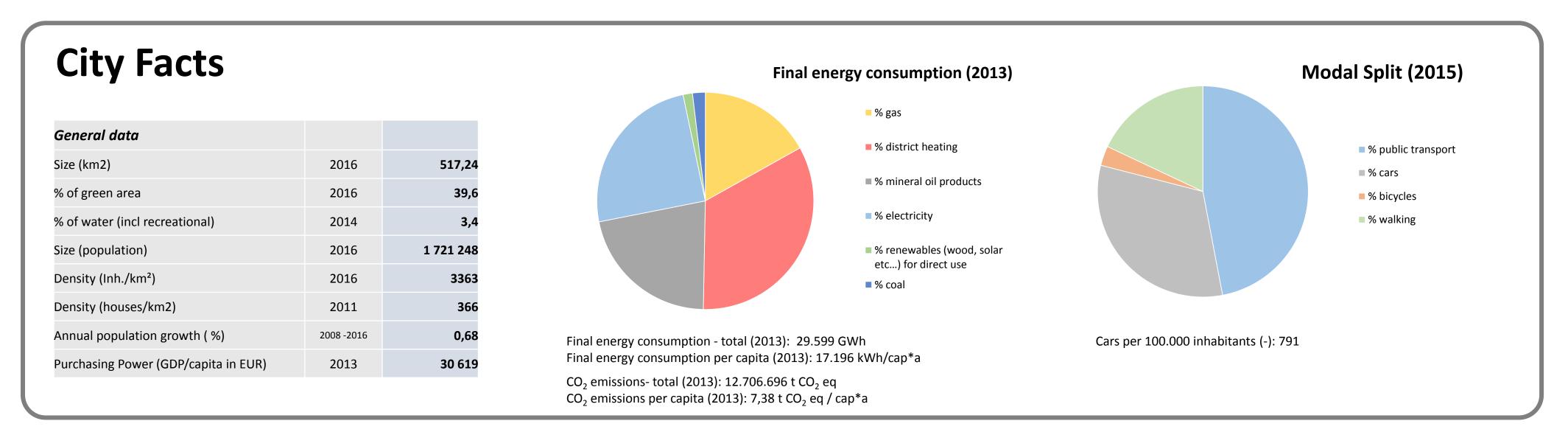
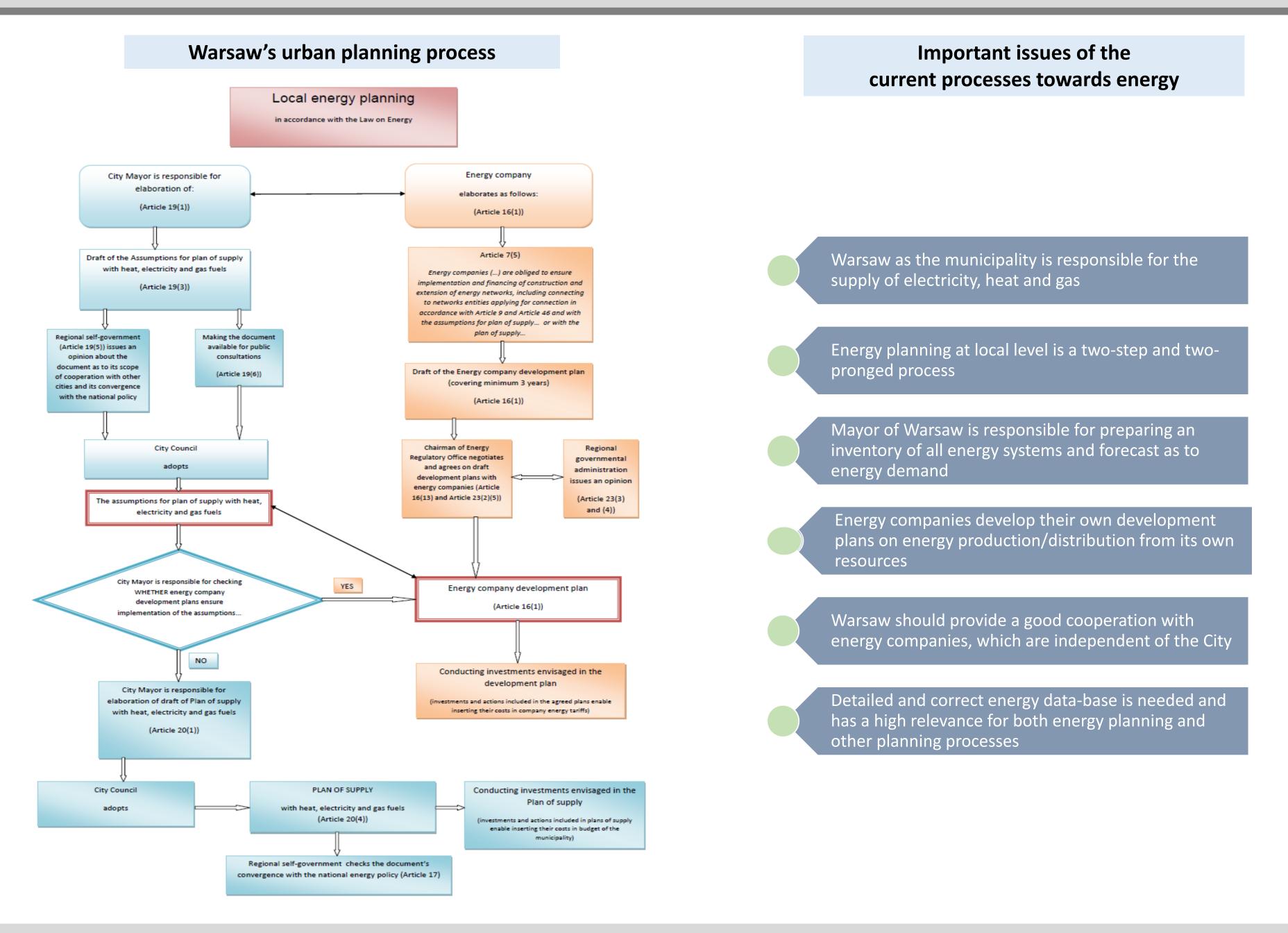


## WARSAW





## Current governance processes



## Approaches for integrative energy planning

## The integrated database should be a compilation of all data-banks operational in the City structures The introduction of electric vehicles on a mass scale will impact heavily the operations of the energy system/grid In the absence of reserves in the (national) power system for both generation and distribution of energy it is extremely important to implement smart grid/intelligent management system solutions Due to the interdependences between energy sub-systems (e.g. heat and gas) and the possibility of substitution, synergies and interactions between different energies, the energy planning should be fully integrated especially in situations involving risk of energy – including both heat and electricity, mainly from renewable energy sources - should be implemented Due to above considerations, integrative energy planning becomes a necessity