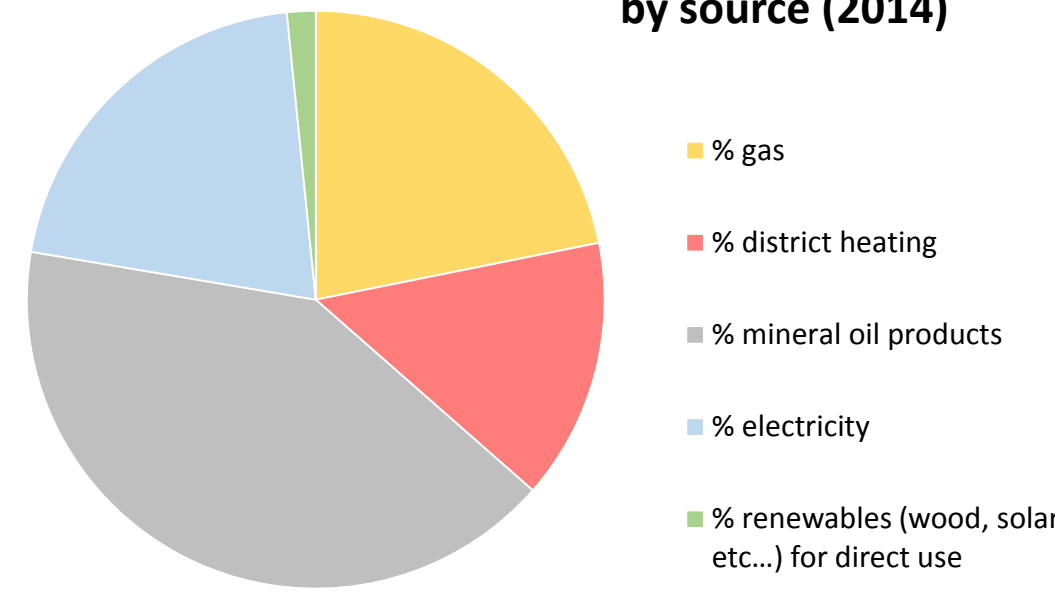


## City Facts

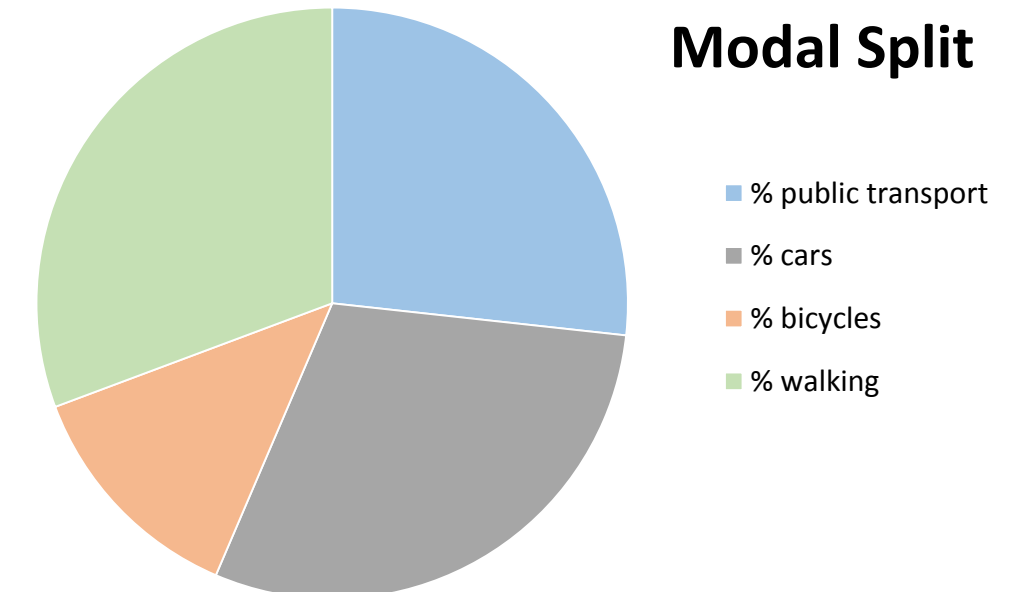
| General data                         |            |  |           |
|--------------------------------------|------------|--|-----------|
| Size (km <sup>2</sup> )              | 2015       |  | 892       |
| % of green area                      | 2015       |  | 75        |
| % of water (incl recreational)       | 2015       |  | 6,7       |
| Size (population)                    | 2015       |  | 3.520.031 |
| Density (Inh./km <sup>2</sup> )      | 2015       |  | 3.946     |
| Density (houses/km <sup>2</sup> )    | 2015       |  | 492,47    |
| Annual population growth (%)         | 2008 -2016 |  | 0,50      |
| Purchasing Power (GDP/capita in EUR) | 2013       |  | 99,525    |

### Final energy consumption by source (2014)



Final energy consumption (2014): 64.860 GWh  
 Final energy consumption per capita (2014): 18.694 kWh/cap\*a  
 CO<sub>2</sub> emissions- total (2011): 9.000.000 t CO<sub>2</sub> eq  
 CO<sub>2</sub> emissions per capita (2013): 2,8 t CO<sub>2</sub> eq / cap\*a

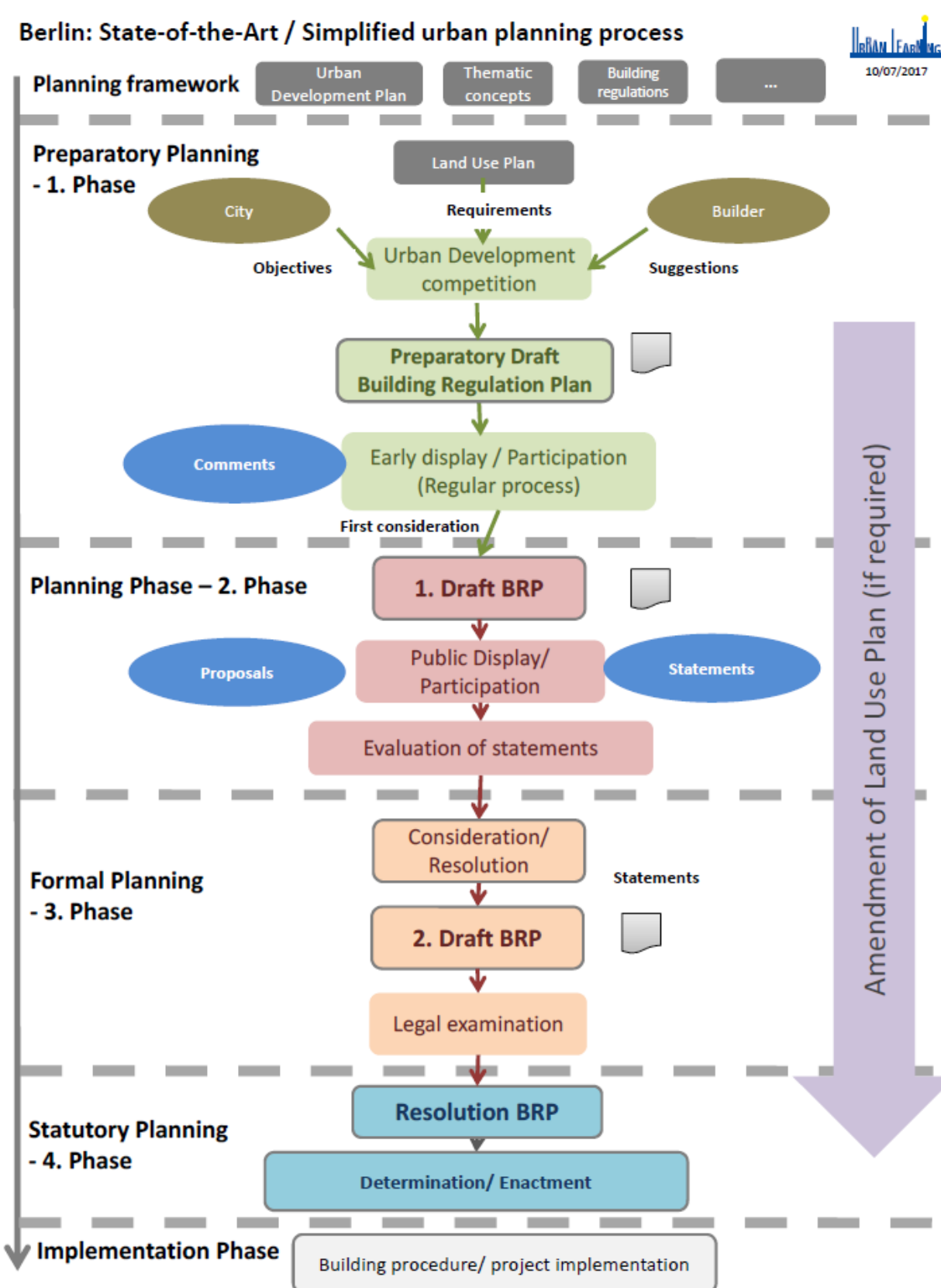
### Modal Split



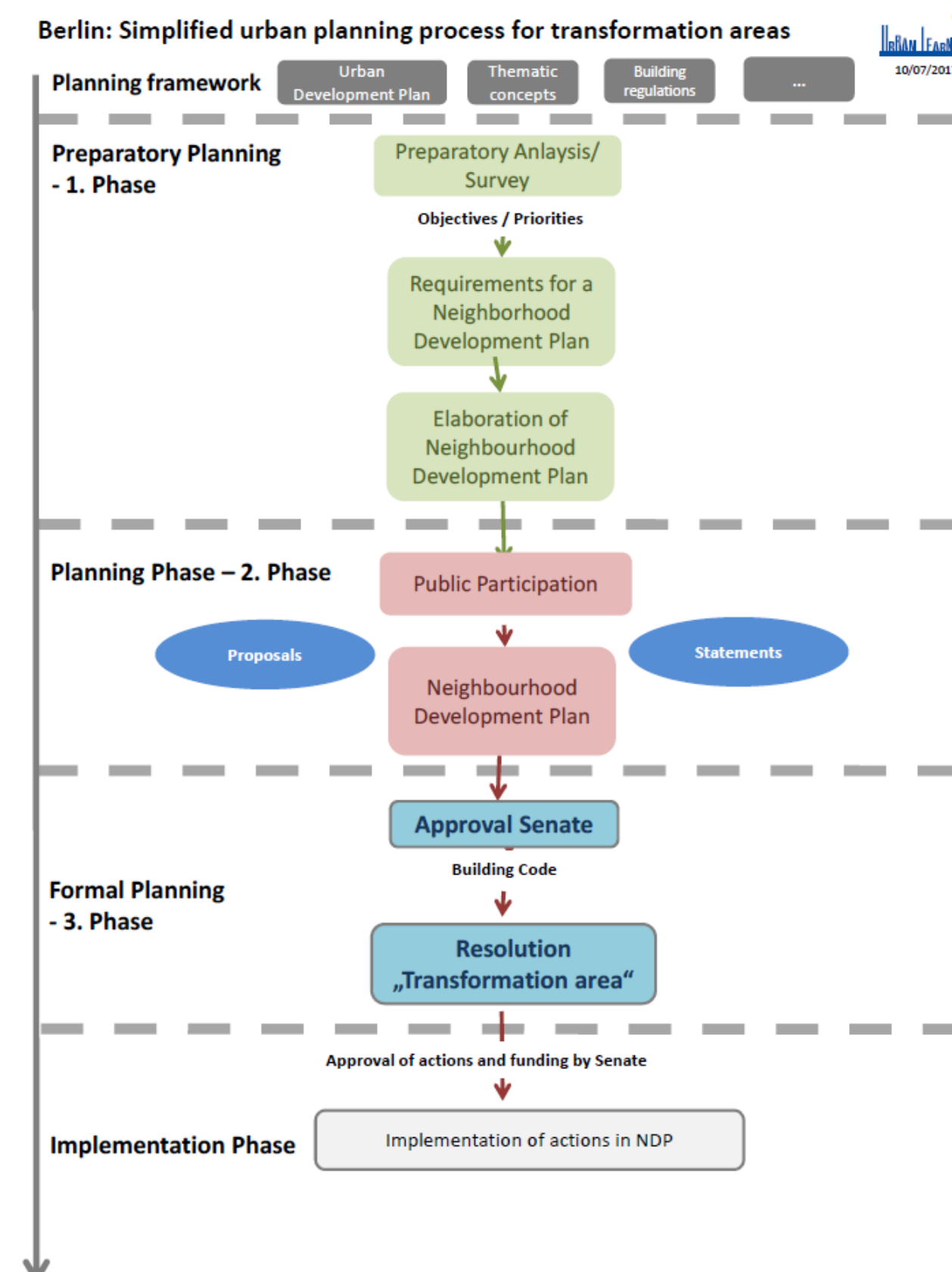
Cars per 100.000 inhabitants (2014): 811

## Current governance processes

### Berlin's urban planning process (newly build areas)



### Berlin's urban planning process (transformation areas)

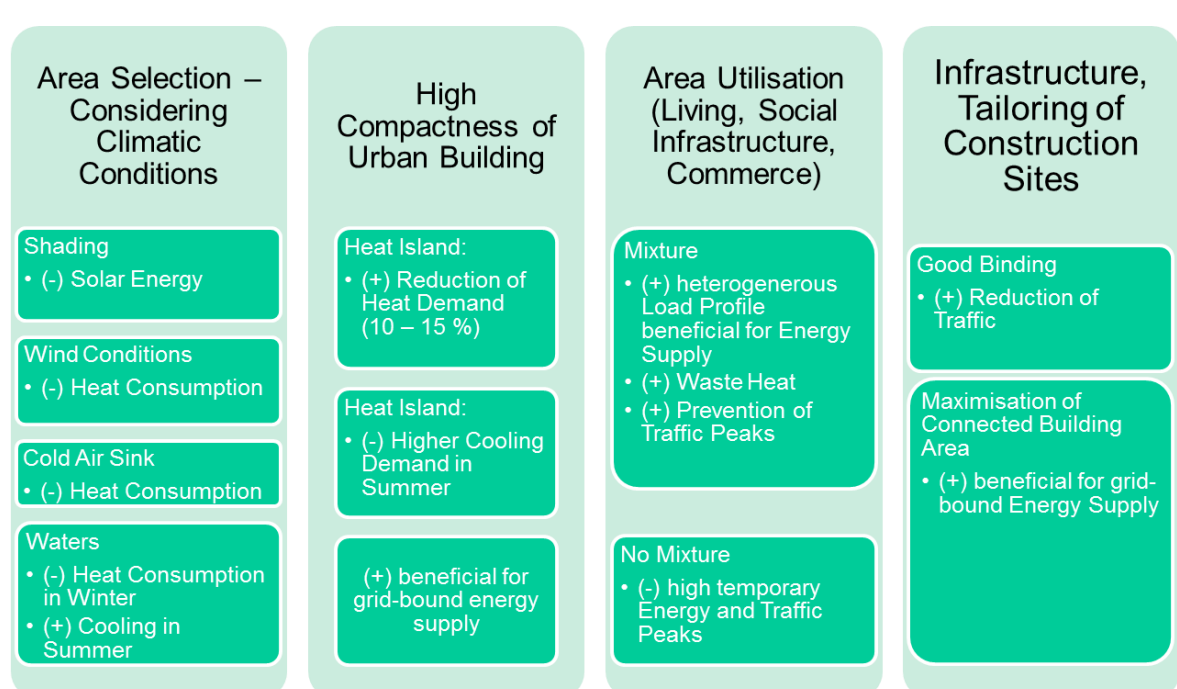


### Important issues of the current processes towards energy

- Clear strategic energy planning guideline is needed
- Energy issues are punctually integrated and emphasized in planning processes, institutionalization is still missing
- legal framework provides only limited options for energy integration especially concerning building stock
- Coordination and collaboration of planning departments on City and District level needs to be strengthen
- Main incentive for actions in building stock is provided by consultation and funding
- Good energy data basis is needed and has a high relevance

## Approaches for integrative energy planning

### 2. Example: Energy Planning Guideline for newly built areas



### 2. Example: Service Point for Energetic Neighbourhood Development

