

Local Climate Protection in Tübingen

Bernd Schott
October 8, 2020

Strategic Discussion
30 Years of Climate Alliance
Our network and the road
ahead

Tübingen macht
blau
Die Klimaschutzkampagne

Tübingen – an old University Town

- 88.500 inhabitants, around 30.000 students
- Well-known university, founded in 1477
- University and university clinic as largest employers with more than 13.000 employees
- Dynamic growth: population, jobs, housing

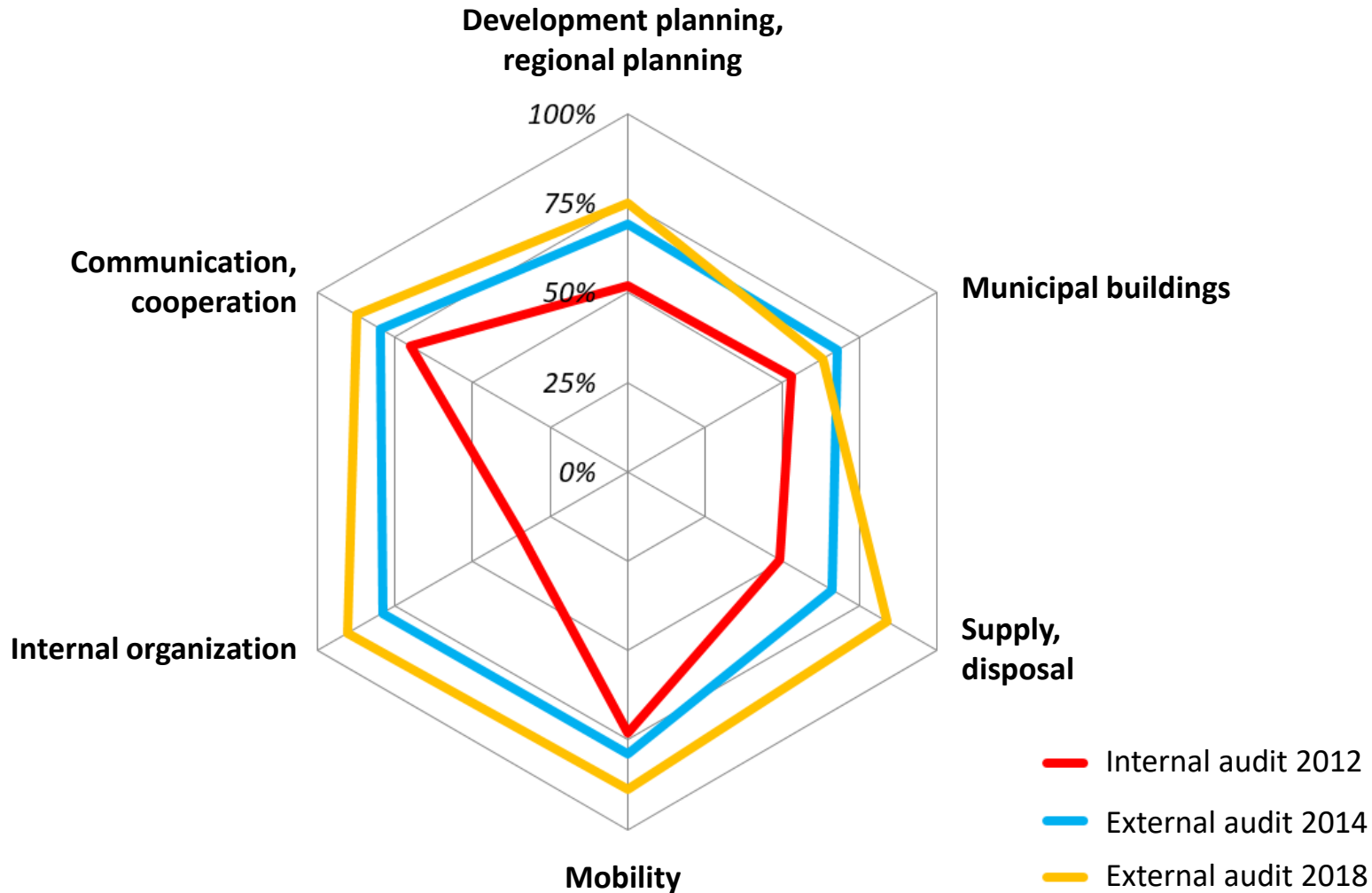


Politics & Local Climate Protection

- 1993: Membership in European Climate Alliance \Rightarrow no consequences
- 2003: Guidelines for a sustainable urban development with commitment to the targets of the Climate Alliance \Rightarrow no consequences
- 2007: New mayor \Rightarrow municipal council resolution for the goal „- 10 % CO₂/inhab. till 2010“ (compared to 2005 = 5-year-target of Climate Alliance)
- 2010: „- 13 %/inhab.“ achieved \Rightarrow Continuation of climate protection campaign
- 2014: „-21 %/inhab.“ achieved \Rightarrow 2015: municipal council resolution for the goal „- 25 % CO₂/inhab. till 2022“ (compared to 2014)
- 2019: municipal council resolution for the goal „Tübingen climate-neutral till 2030“



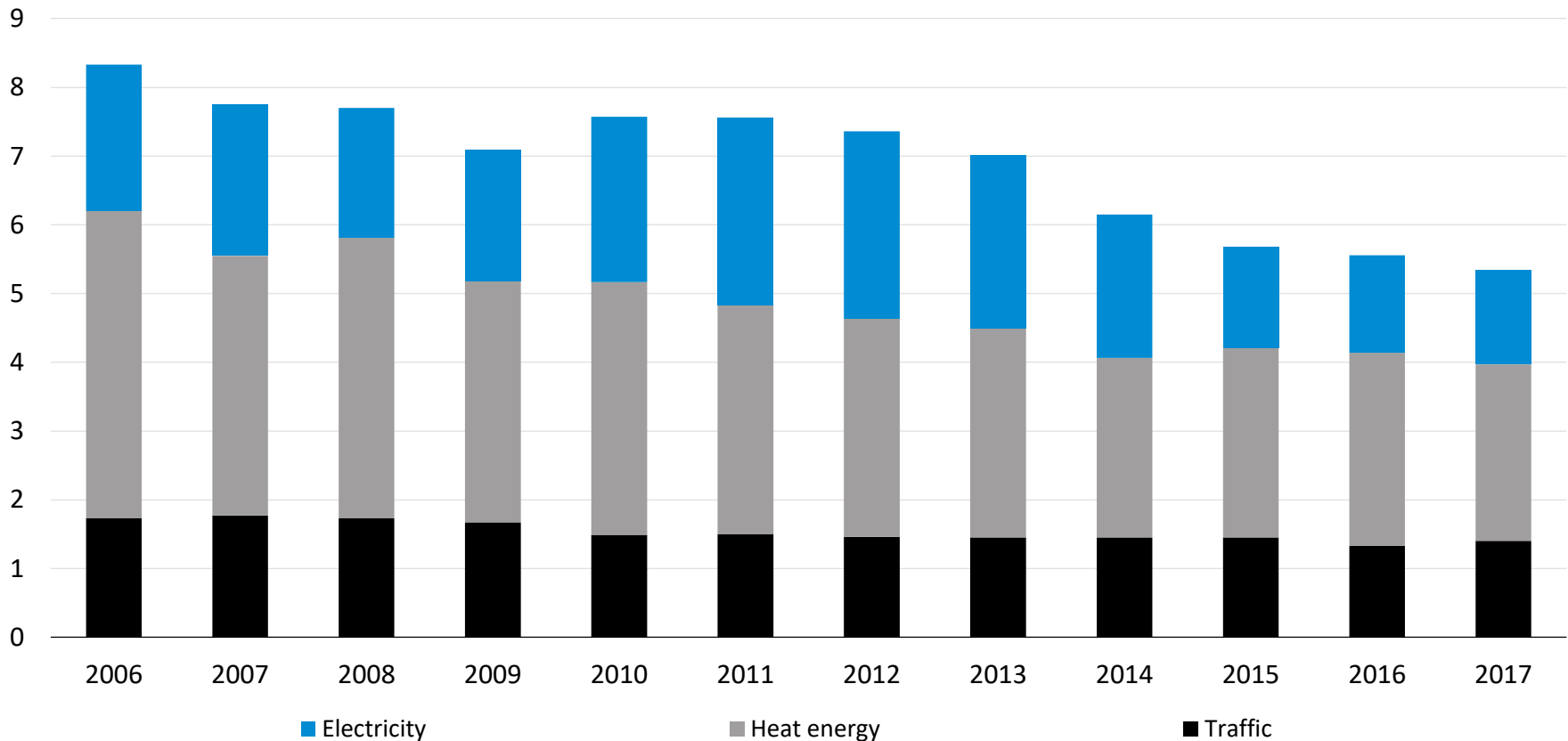
Evaluation in the European Energy Award



Territorial Carbon Footprint per Inhabitant: - 36 %

Energy-induced CO₂ emissions

t/inhab. (without air traffic; incl. upstream emissions, regional electricity mix; incl. guarantees of origin (HKNs))



Policy Goals

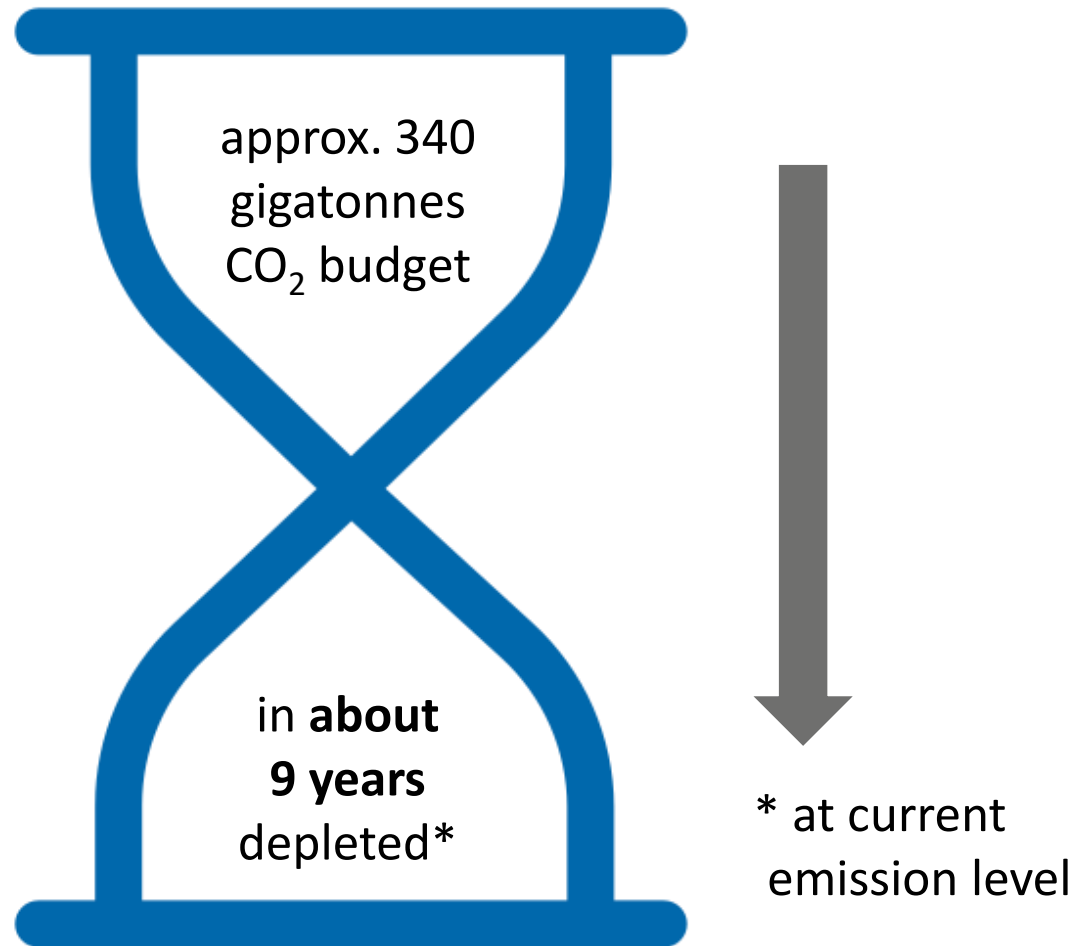
Mission statement for energy and climate policy (enacted in 2019):

- **Until 2030** the energy supply in Tübingen shall be **climate-neutral** (net-zero).
- **Municipality** and **subsidiary companies** set an **example** for climate protection.
- The **infrastructure** should offer possibilities for energy saving and climate protection.
- The urban society will be **informed** as well as **motivated** to protect the climate and to save energy.

⇒ **extensive continuation of the climate protection program**



Limited CO₂ Budget worldwide for the 1,5°-Target



Source: IPCC special report 2018

Measures of Municipal Climate Protection

The definition of the target „Tübingen climate-neutral till 2030“ and the balancing orient themselves also towards decided or planned climate protection measures (municipal options for action in Tübingen):

- Energy saving in the fields of electricity, heat, mobility
- Increase in the number of green electricity customers
- Promoting the use of renewable energies
- Integrated energy management
- Construction of renewable energy plants outside the municipal area by the municipal utility
- Promotion of construction with timber
- Promotion of a sustainable forestry



www.tuebingen.de/klimaneutral2030

Absolute, energy-induced CO₂ emissions

Energy-induced CO₂ emissions

t (without air traffic; incl. upstream emissions, regional electricity mix; incl. guarantees of origin (HKNs))

