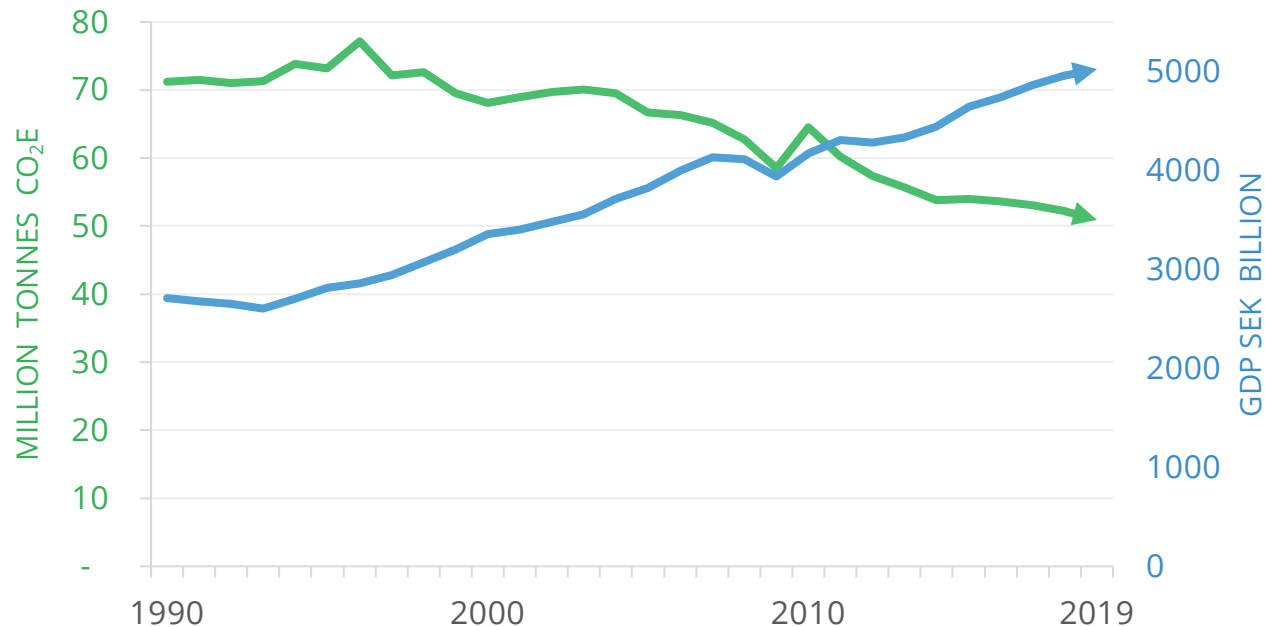


# Sweden – on the road to become fossil free

Population: 10.2 Million (2019)

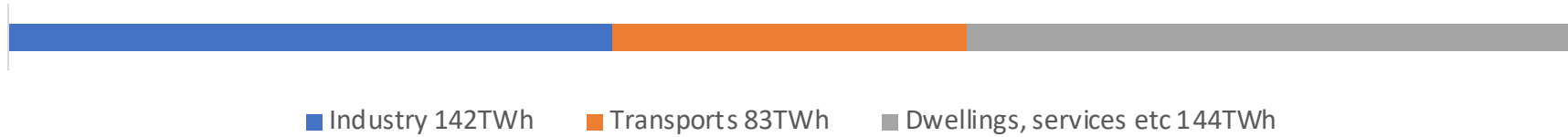
Territorial emissions: 50.9 Mt CO<sub>2</sub>e (2019)

Consumption based emissions per capita: 8.1 Mt CO<sub>2</sub>e (2018)

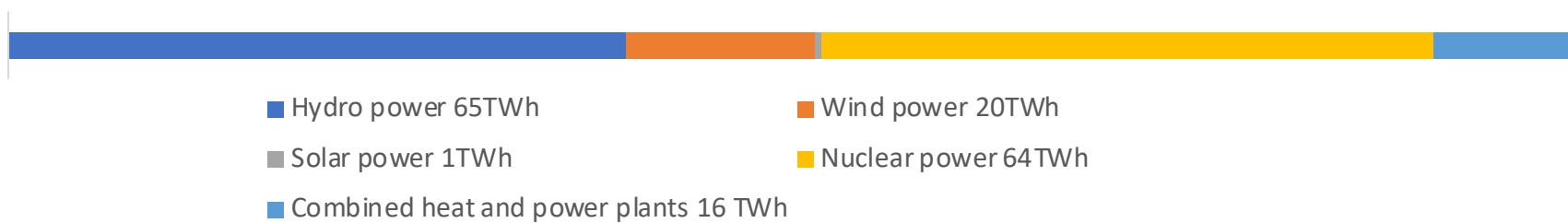


**Target:**  
**Net zero emissions**  
**2045**

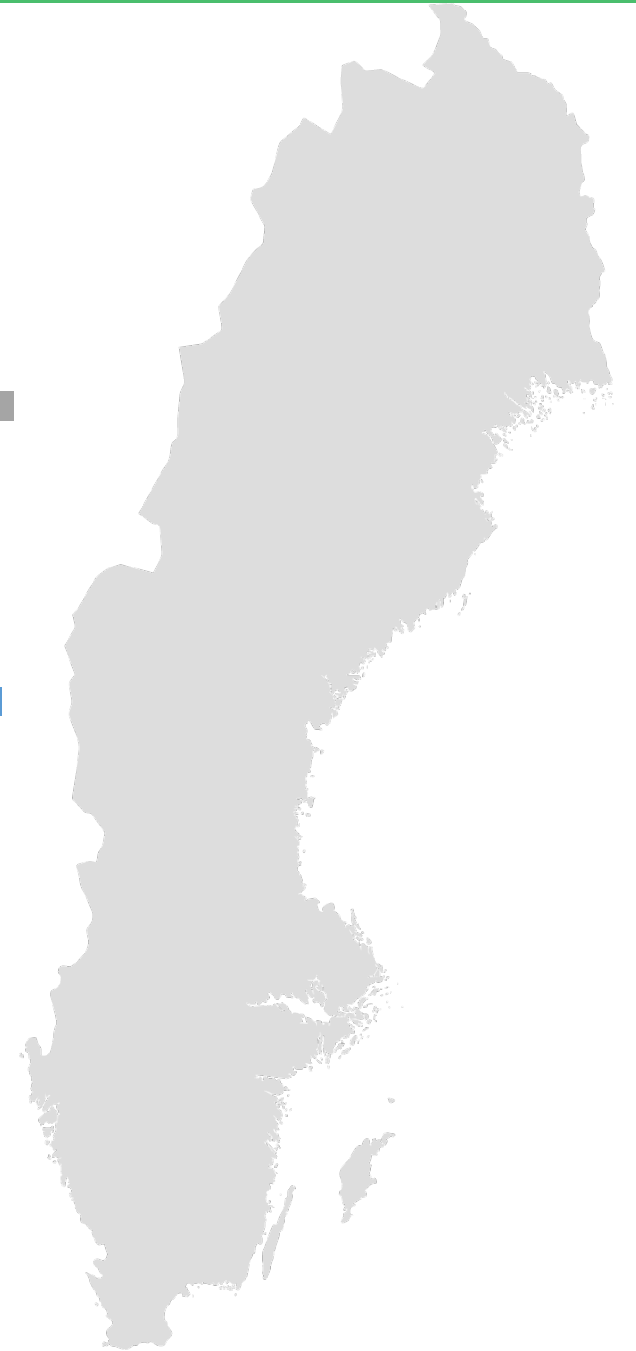
## Total final energy consumption 2019, 369TWh



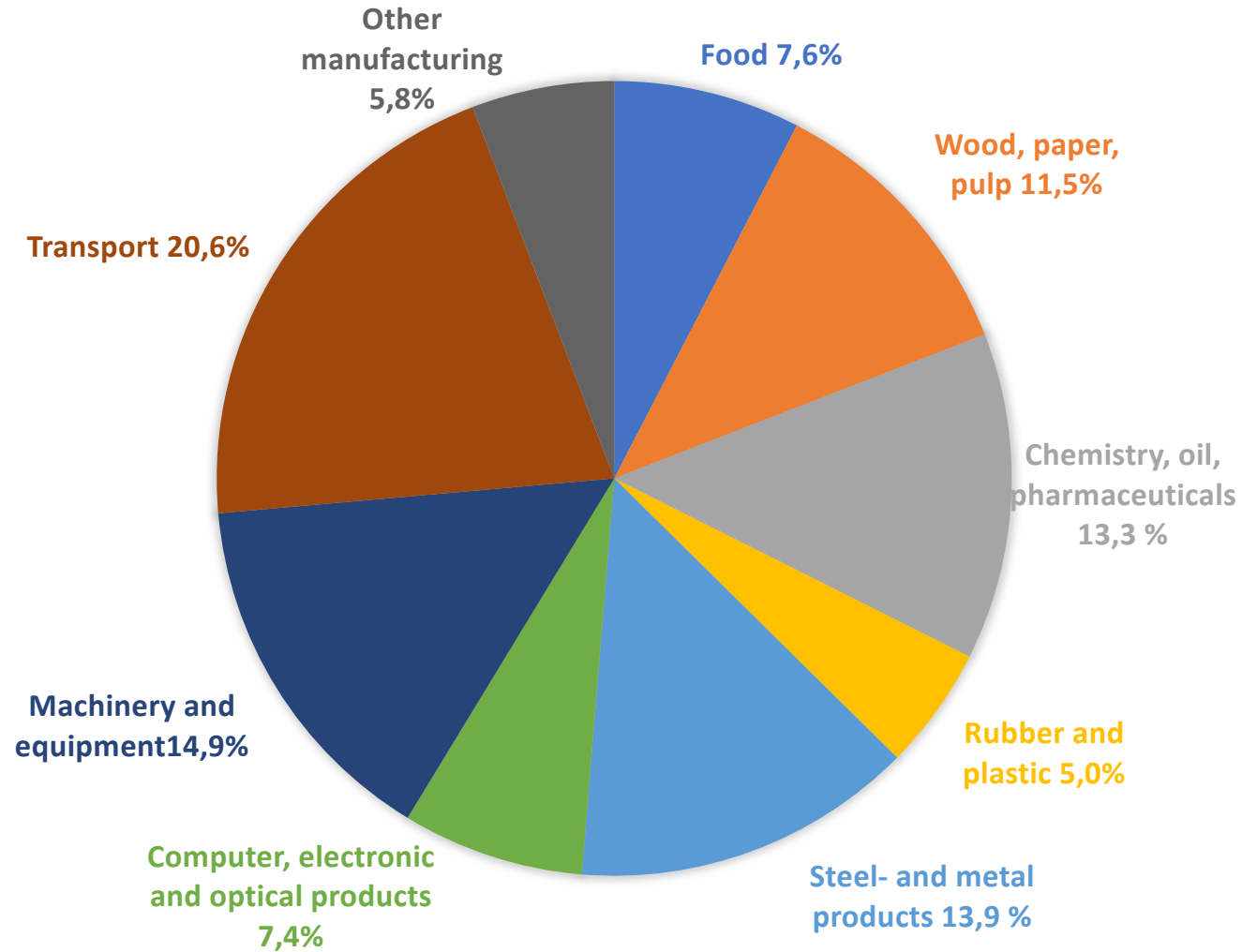
## Net electricity production 2019, 166TWh



**Electricity Use per Capita 2020: 16 478 kWh**

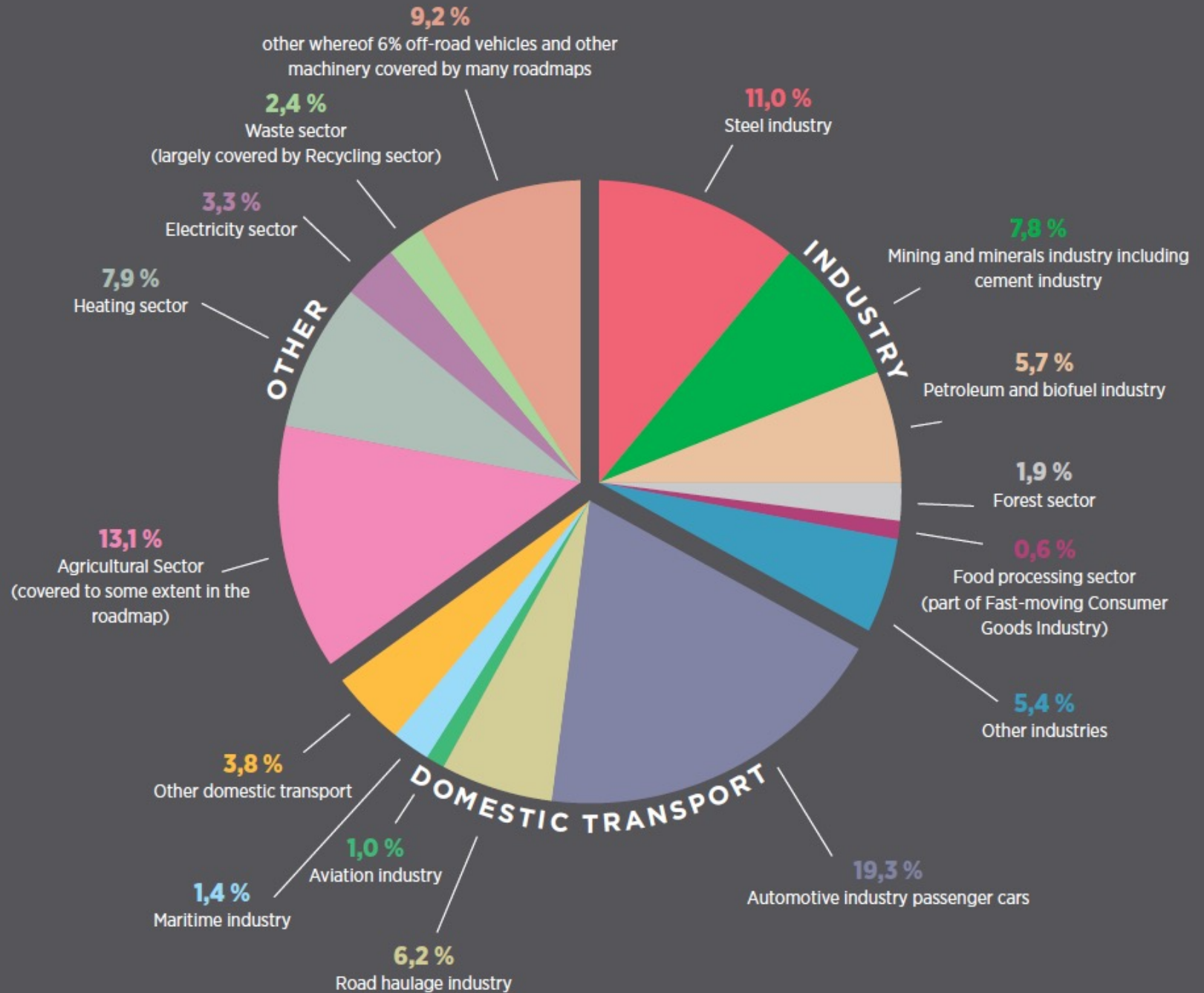


# Industry production mix in Sweden



# Swedish territorial greenhouse gas emissions 2018 by sector

The roadmaps cover ~70%



# So far...

- ✓ **In 1991 Sweden introduced first carbon tax in the world**
- ✓ **Use of oil-fired boilers declined dramatically**
- ✓ **Coal- and oil-fired plants phased out**
- ✓ **Extension of district heating**
- ✓ **Public procurement of heat pumps**
- ✓ **Increased use of biofuels in industry**
- ✓ **More efficient vehicles and biofuels in the transport sector**



**Steel industry**

**Maritime industry**

**Fast-moving consumer goods industry**

**Recycling sector**

**Digitalisation consultancy industry**

**Cement industry**

**Petroleum and biofuel industry**

**Gas sector**

**Food retail sector**

**Heavy road haulage**

**Concrete industry**

**Agricultural sector**

**Forest sector**

**Aggregates industry**

**Construction and civil engineering sector**

**Electricity sector**

**Aviation industry**

**Ski resort sector**

**Mining and minerals industry**

**Automotive industry  
Heavy transport**

**Heating sector**

**Automotive industry  
Passenger cars**

**22 Roadmaps  
for fossil free  
competitiveness**

