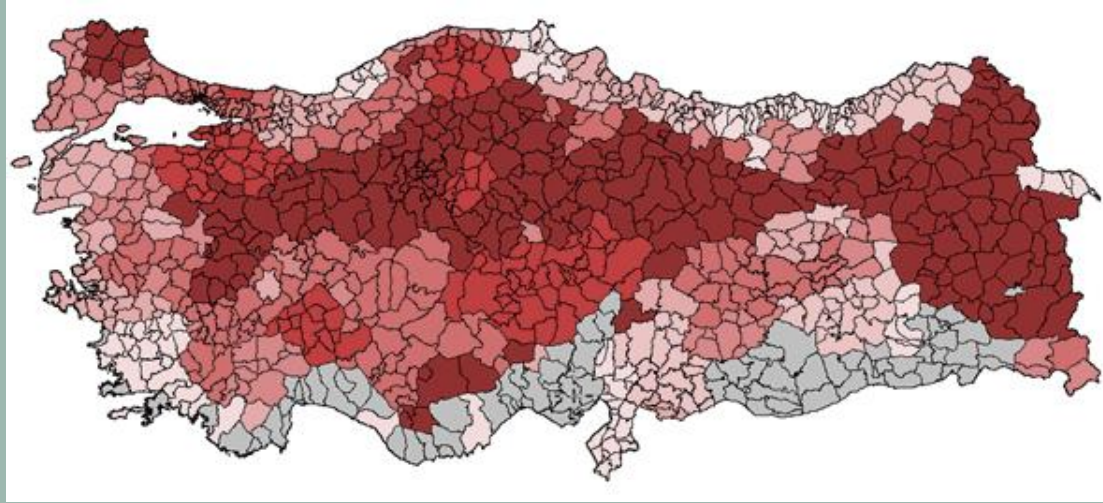


# Heat mapping of Turkey



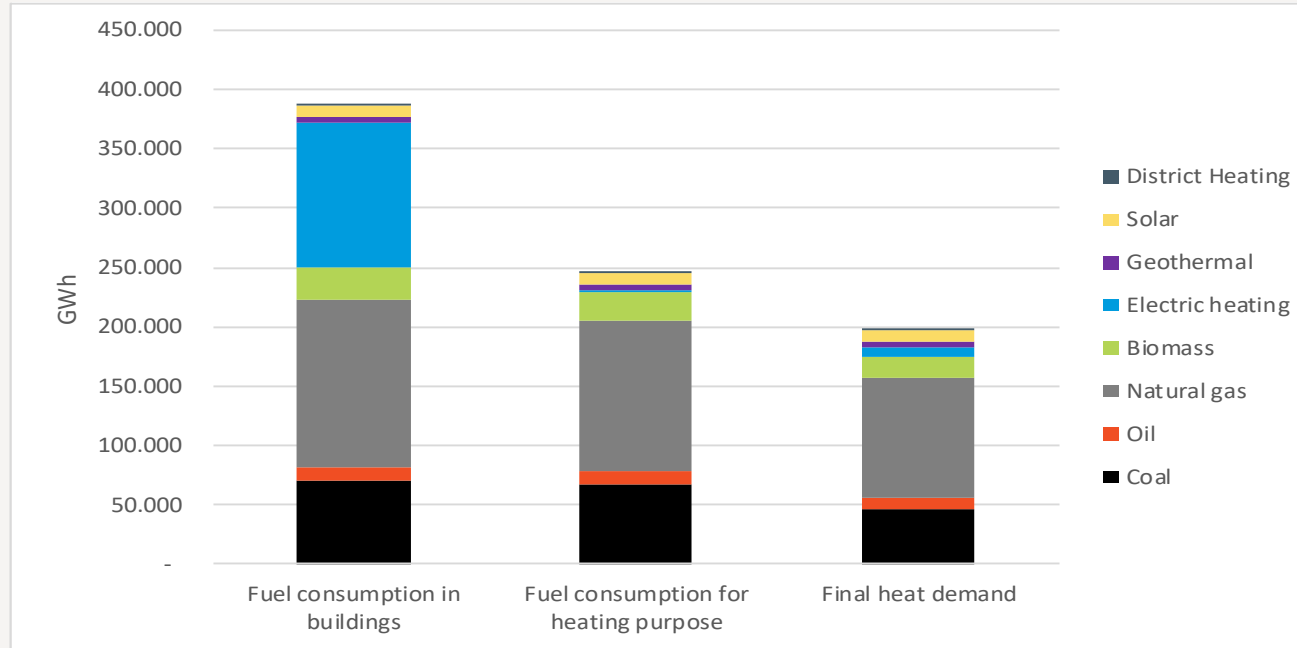
Jakob Nymann Rud, Head of Section – Energy planning and District heating

# Purpose

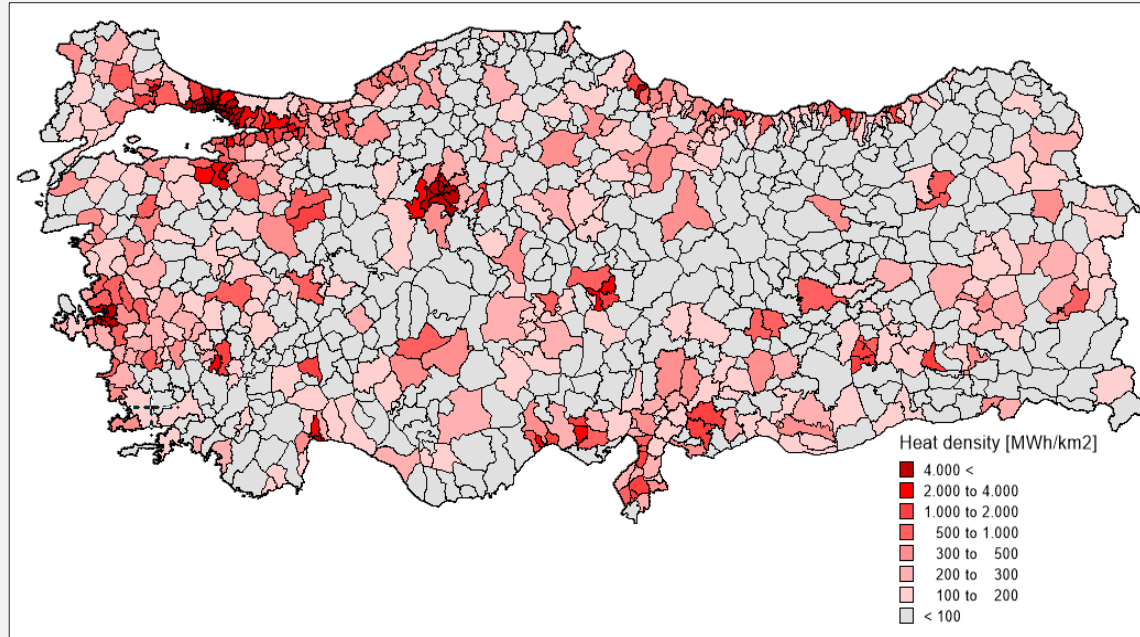
- > Heat and cooling consumption
- > Heat and cooling mapping
- > Heat and cooling consumption projection
- > Surplus heat potential from thermal power production
- > Surplus heat potential from industries



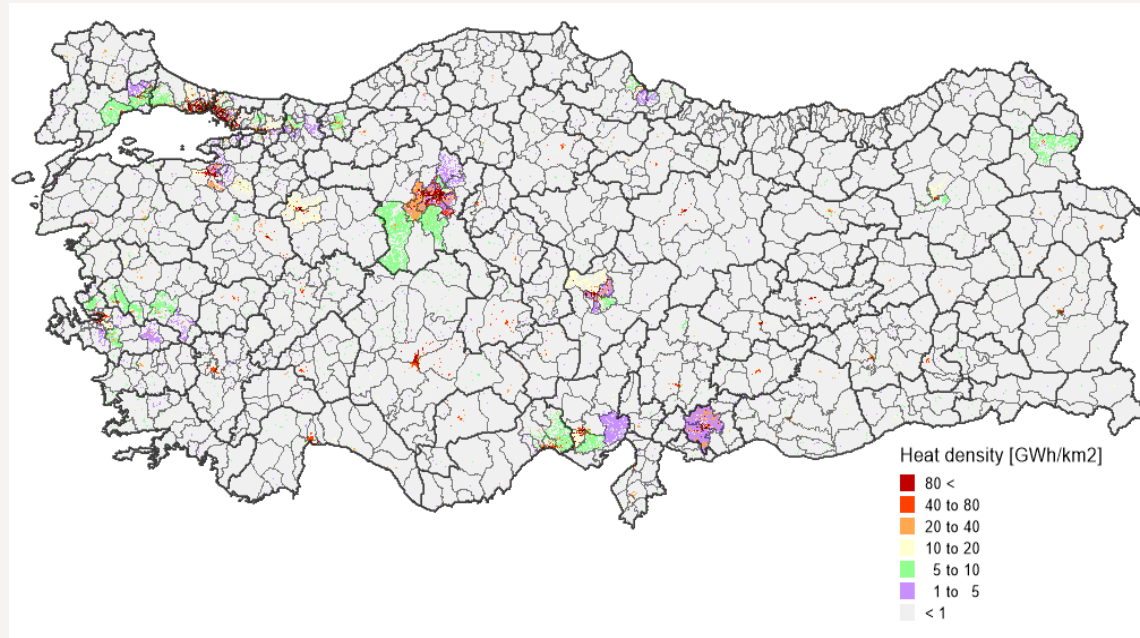
# Estimated heat demand in Turkey



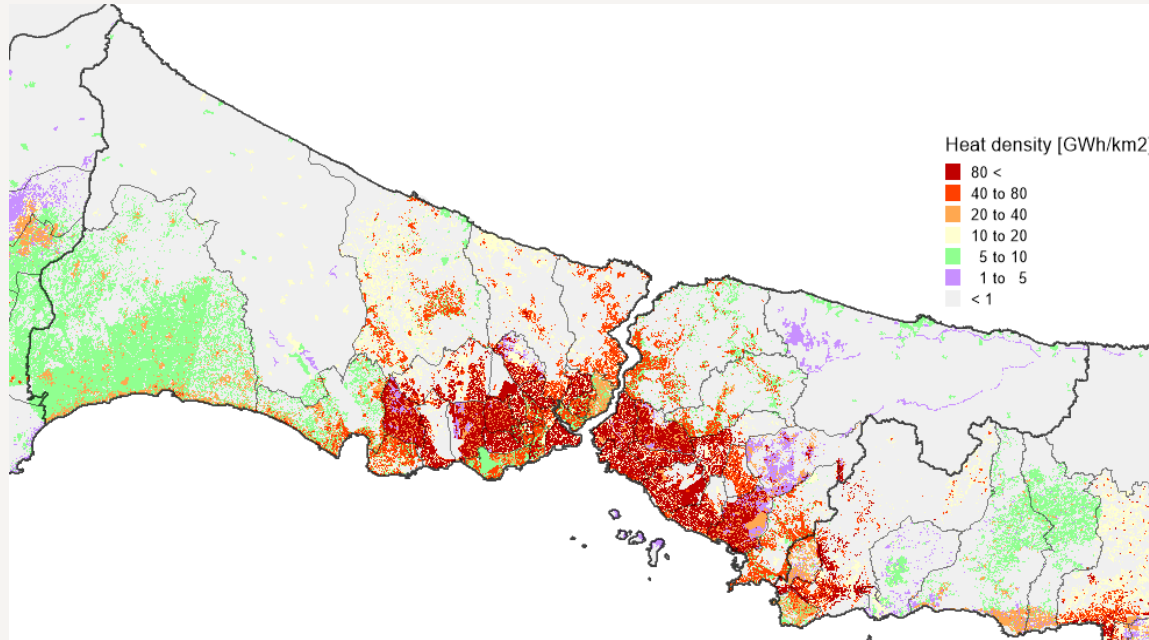
# Heat density



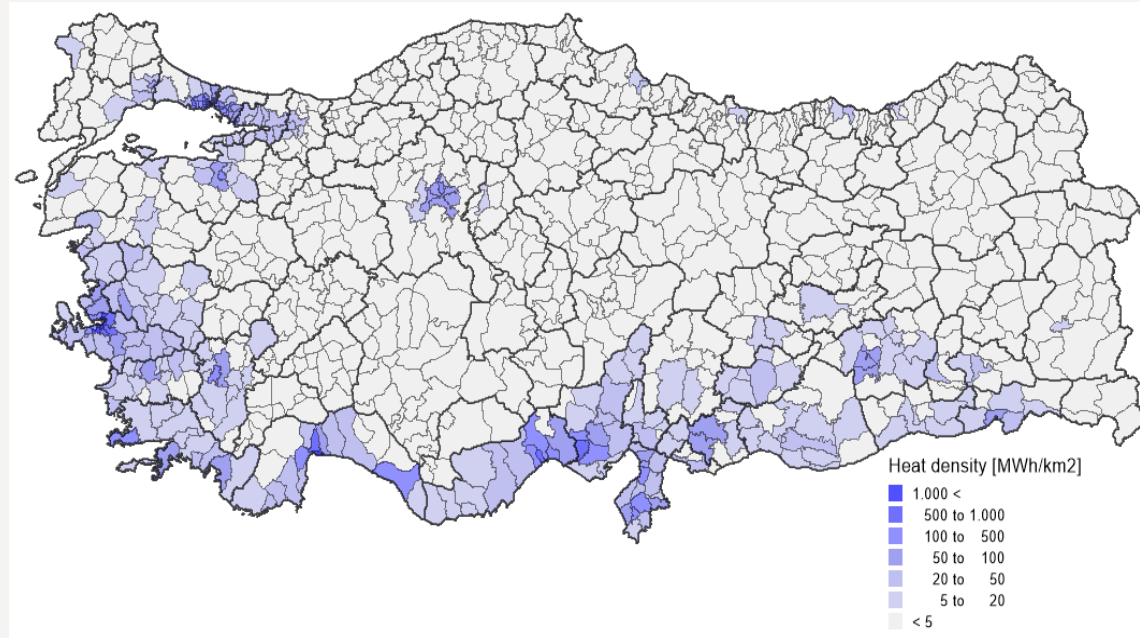
# Heat density



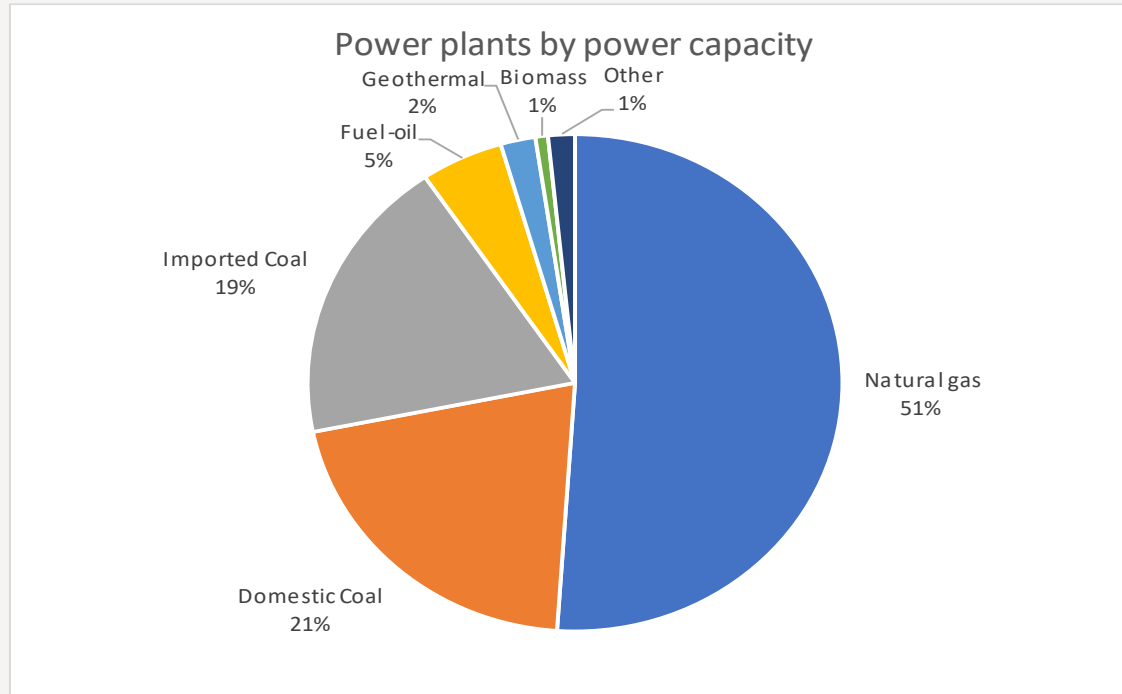
# Heat density



# Cooling density

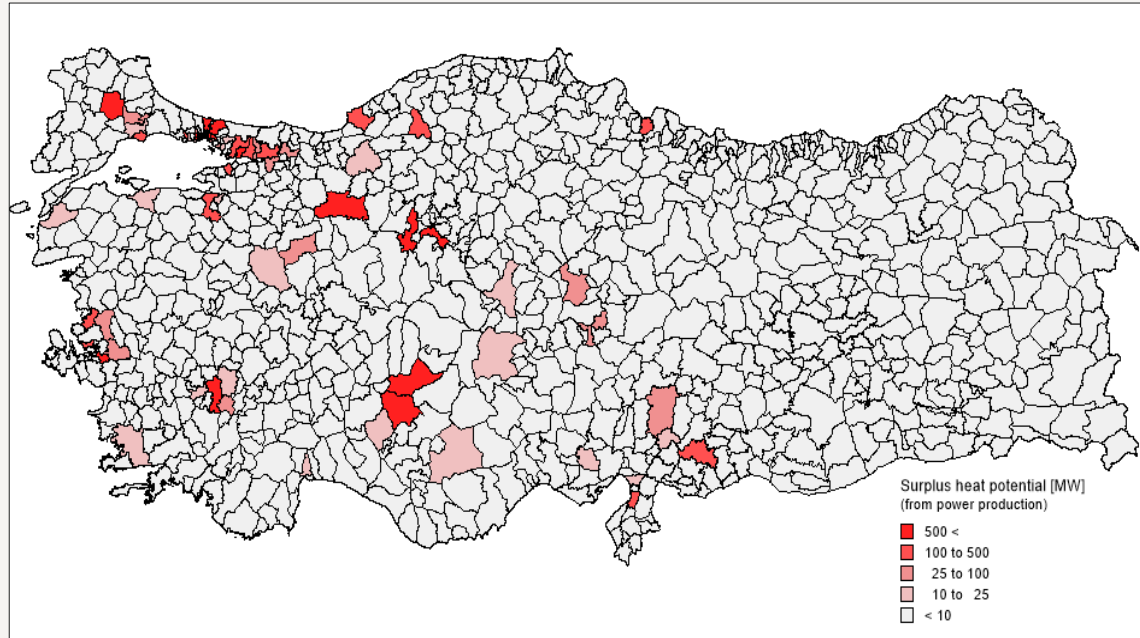


# Current thermal power plant capacity distribution (total 47 GW)





# Surplus heat potential, thermal power production



# Potential of heat demand covered by surplus heat from power production

- > Ankara, Çankaya
- > İstanbul, Bağcılar
- > İstanbul, Bahçelievler
- > İstanbul, Beşiktaş
- > İstanbul, Beyoğlu
- > İstanbul, Üsküdar
- > İzmir, Buca
- > İzmir, Aliağa
- > Kocaeli, Dilovasi
- > Kocaeli, Körfez
- > Konya, Meram
- > Zonguldak, Ereğli

# Fuel consumption, heavy industries

