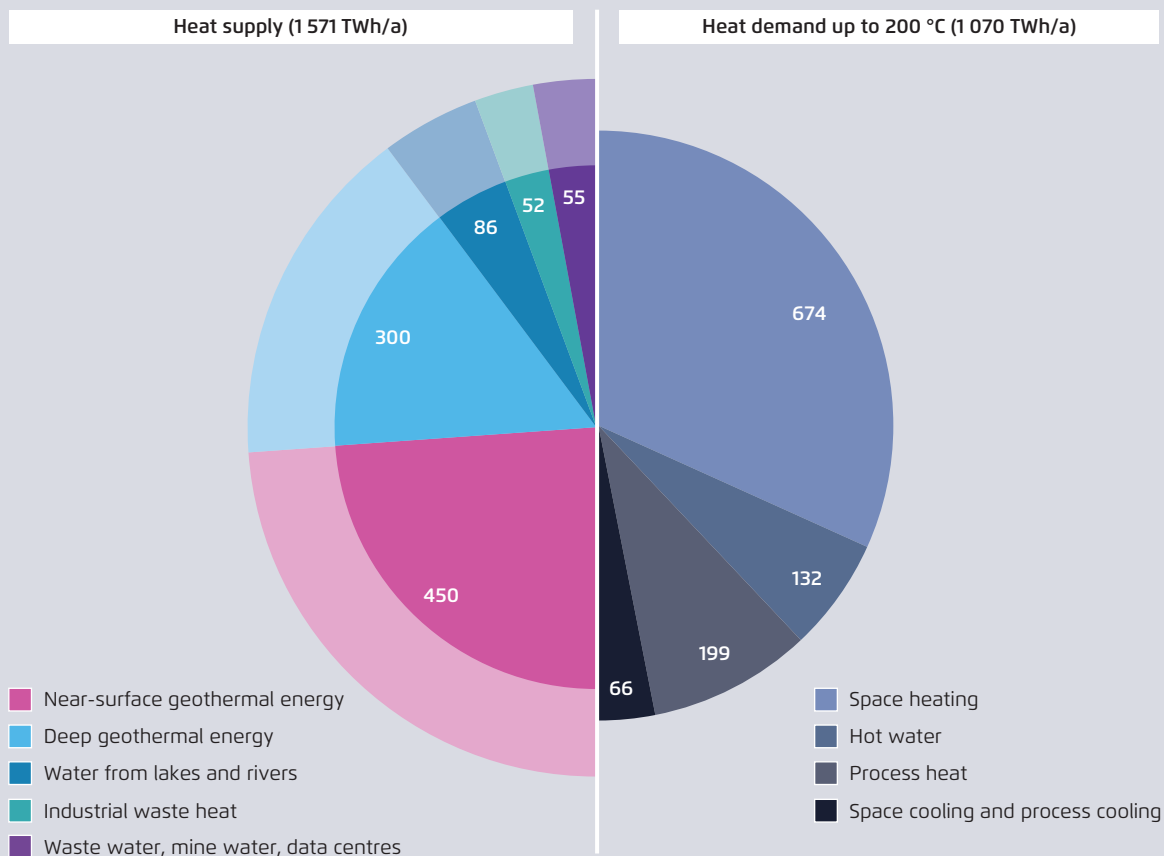


Comparison of the potential heat supply* via heat pumps and the heat demand up to 200 °C** in Germany (excluding ambient air)

Figure 23



Fraunhofer IEG based on Born et al. (2022), Bracke et al. (2022), Kammer (2018), Gerhardt et al. (2019), Fritz und Pehnt (2018), Wolf (2017), Stobbe et al. (2015). * The heat supply is made up of the potential supply from different heat sources (darker colours) plus the necessary operating power (lighter colours) for the heat pumps, assuming an average COP of 2.5. ** Heat demand based on final energy consumption in Germany in 2021, excluding process heat of private households and process heat > 200 °C.