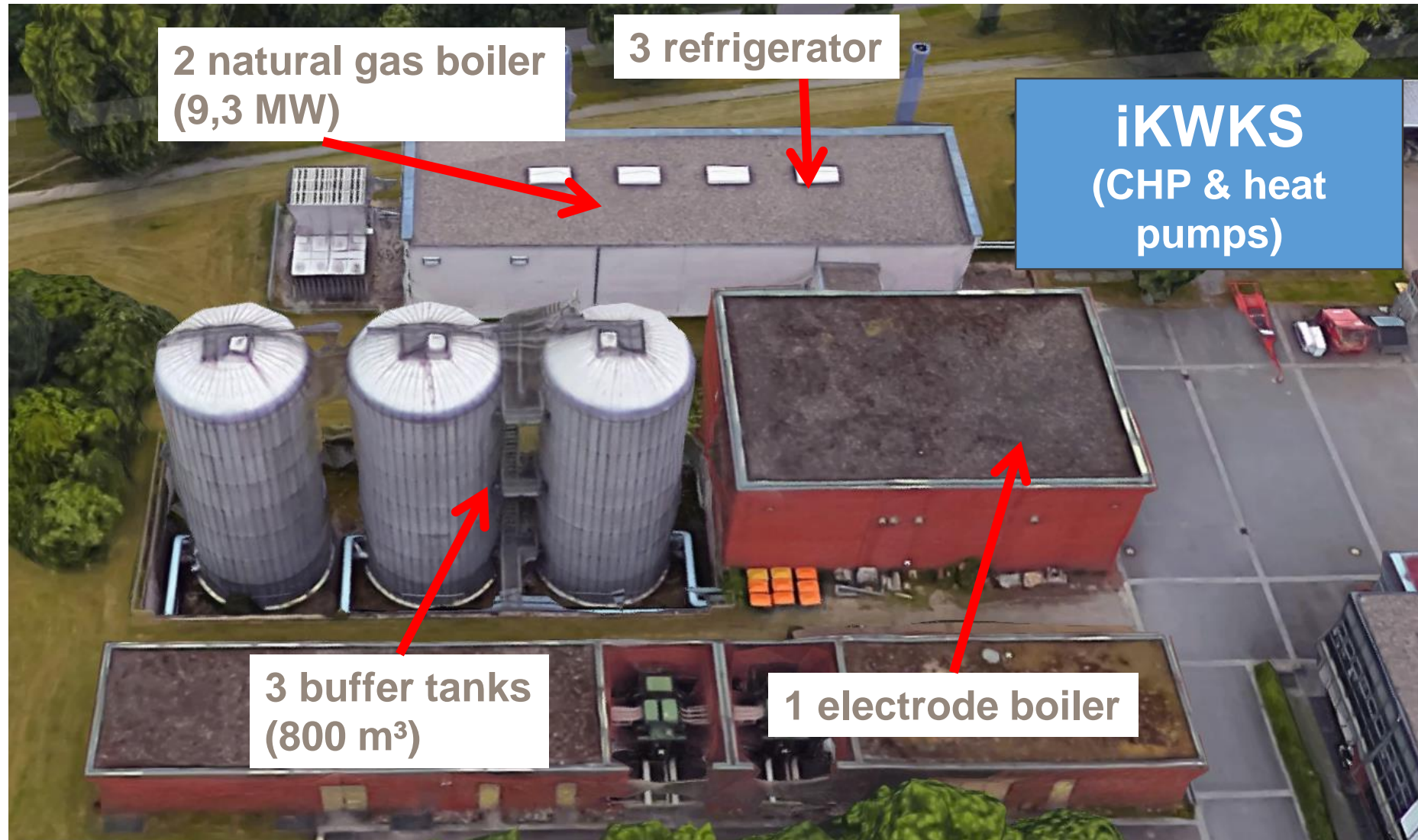
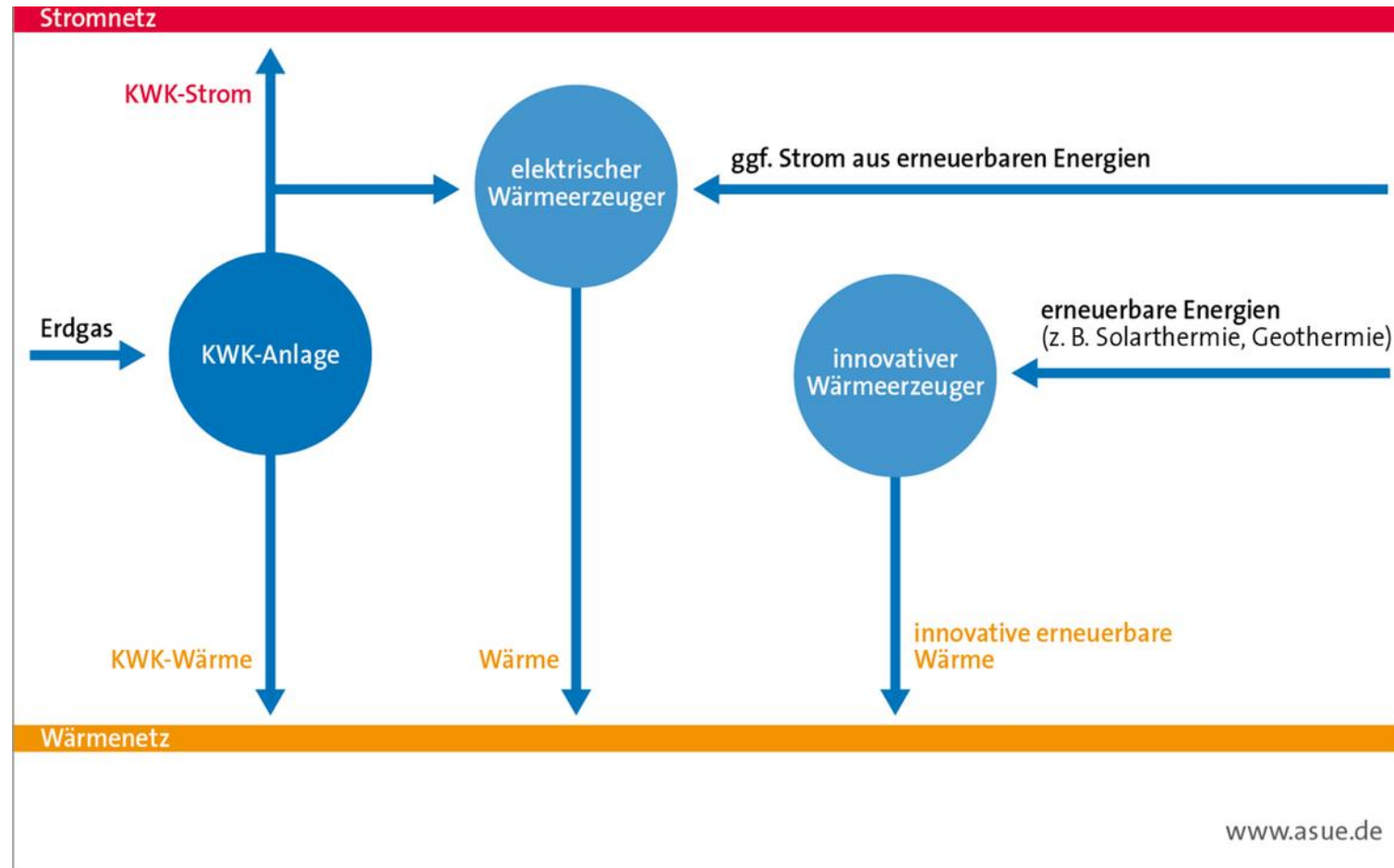




iKWKS SW Bayreuth

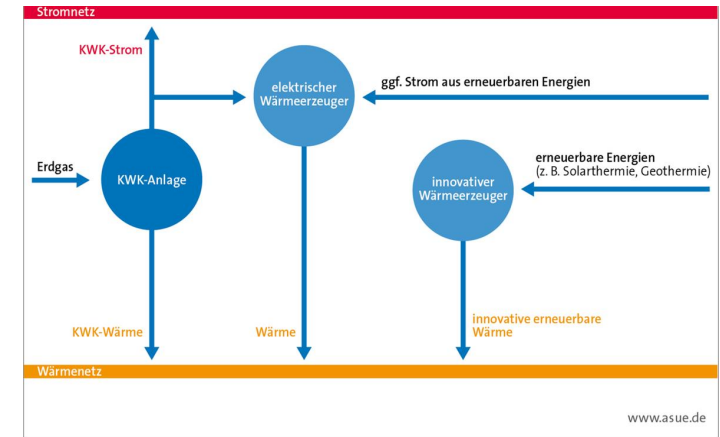
Institut für Energietechnik IfE GmbH
an der Ostbayerischen Technischen Hochschule Amberg-Weiden





iKWK-System SW Bayreuth CHP unit

- Natural gas CHP
 - Electrical output: 3,3 MW
 - Thermal output: 3,1 MW
 - Energy input (natural gas): 7,7 MW_{Hi}
 - Efficiency: > 84 %



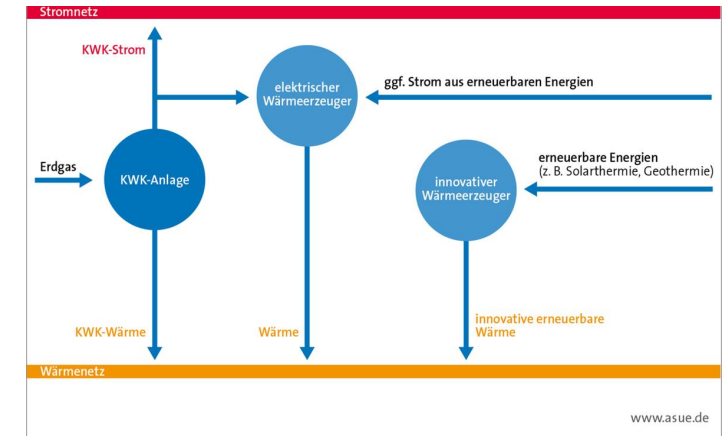
iKWK-System SW Bayreuth

Heat pumps

- 2 heat pumps:
 - Thermal output: 680 kW
 - Electrical input : 180 kW
 - COP: bis zu 3,78



Matthias Koppmann



iKWK-System SW Bayreuth

Electrode boiler

- Electrode boiler:
 - Electrical power: 6 MW

