

## Benefits of district heating in Wengen

### Comparison of renewable heating solutions in Wengen

	Pellet	HP	District heating
Heating output below 30 kW <sup>1)</sup>	☹️	😊	☹️
Heating output 30.... 100 kW <sup>2)</sup>	☹️	☹️	😊
Heating output above 100 kW <sup>2)</sup>	😊	☹️	😊
Local emissions (noise and exhaust gases) <sup>3)</sup>	☹️	☹️	😊
Local transport <sup>4)</sup>	☹️	😊	😊
Space required in property <sup>5)</sup>	☹️	☹️	😊
Winter electricity demand/electricity shortfall	😊	☹️	😊
Investments (acquisition and replacement) <sup>6)</sup>	☹️	☹️	😊
Energy price fluctuations	☹️	☹️	😊
Annual fixed costs (operation, maintenance, on-call service) <sup>6)</sup>	☹️	😊	☹️
Individuality/independence	☹️	☹️	☹️

### Benefits of district heating compared to individual solutions (heat pumps or pellet heating)

- 1) If the heat requirement is less than 30 kW, district heating can be a sensible solution, depending on the distance to the main pipe.
- 2) For properties with a heat requirement of 30 kW or more, district heating is the ideal form of heat supply.
- 3) Clean and quiet solution: no local noise or particulate emissions.
- 4) No local pellet deliveries required – even during winter.
- 5) Compact solution with minimal space requirements – no additional storage room or externally installed equipment needed.
- 6) 35-year all-inclusive package covering operation, servicing and maintenance – minimises residual risk compared to owning a standalone system.

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