

Fraunhofer IEG based on Pieper et al. (2018), Grosse et al. (2017) and on authors' data collection. \* The analysis of investment costs is based on a limited number of projects. This is due firstly to the comparatively small number of large-scale heat pump projects completed to date and secondly to the limited information available on the investment costs of these projects. \*\* The proportion shown for the tapping of the heat source from water bodies is to be regarded as low, as it is based on a single project in which the heat source had already been partially tapped.