

# Deliverable D4.4

## New water source heat pump of high temperature and CO2 refrigerant

### WP4

**Grant Agreement number** 657982

**Project acronym** Cheap-GSHPs

**Project full title** Cheap and Efficient Application of reliable Ground Source Heat Exchangers and Pumps

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#### Dissemination Level

<b>PU</b>	Public	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	<b>X</b>
<b>CI</b>	Classified, as referred to in Commission Decision 2001/844/EC	

## **Publishable summary**

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The new water source heat pump of high temperature and CO2 refrigerant is a confidential document delivered in the context of WP4, Task 4.4 with regard to the design and construction of the heat pump with a high technological content

This document describe the design of the two stage heat pump with CO2 refrigerant in the first stage and R1234ze(E) in the second stage.

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