

Deliverable D 5.3

Cheap-GSHPs DSS Engine

WP5

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Project acronym Cheap-GSHPs

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

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Lead beneficiary 3 - TECNALIA

Other authors Amaia Castelruiz Aguirre (TECNALIA)
Sarah Noyé (TECNALIA)

Dissemination Level

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

Publishable summary

The D 5.3 – “Cheap-GSHPs DSS Engine” is a confidential document delivered in the context of WP5, Task 5.3: DSS development. The document describes the development of the core of the Decision Support System (DSS): the DSS Engine. This software has been implemented according to the design and architecture previously defined during Task 5.2: DSS reference architecture and all the calculations and information used are based on the results and developments of the rest of technical work packages.

The document defines the overall system architecture, as well as the software modules that have been developed: the implementation of the databases, the core of the DSS Engine that performs the calculations, and the services that provide access to the databases. These modules are explained in detail, including schemas and workflows representing the processing done and the structure of the different databases that have been developed.