



SHIP2FAIR

Solar Heat for Industrial Process

THE REPLICATION TOOL

WHAT IS THE REPLICATION TOOL?

The Replication Tool is a **software** able to evaluate the techno-economic potential of SHIP (Solar Heat for Industrial Process) solution, starting from local solar potential and current process heat demand.

It provides a first outlook on the **SHIP integration** within the process and optimises the system according to the user's needs.

The Replication Tool is a web tool, which allows registered users to run 5 modules in sequence:



FOR WHAT PURPOSE IS IT USED?

- To map local solar potential for industrial purposes
- To model the demand profiles of the industrial processes
- To evaluate the feasibility of a particular solar heat technology in the industrial site
- To provide the necessary information for a prefeasibility analysis of solar heat for industrial process



WHAT IS THE EXPECTED OUTCOME?

- Evaluation of solar field parameters
- Expected energetic and environmental results
- Preliminary economic figures



WHAT ARE THE BENEFITS?

- A tool for everybody
- Interactive interface
- Default values suggested
- Accessible required inputs
- Optimisation of the solar field
- Possibility to compare alternative technologies



WHO CAN USE IT?

- Professionals
- Companies' technical departments
- Consultants
- Students

How to use it?
Contact us at info@ship2fair-h2020.eu

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