



Indus3Es

EE-18-2015

Concept:

A focus on the Indus3Es AHTs Assesment Tool Energy-Intensive Indus3Es need to reduce their primary energy consumption in order to increase their effectiveness. This would lead to an increase in their competitiveness and a reduction of their product's embedded energy and carbon footprint. Absorption Heat Transformers (AHT) are designed to recover and revalorize industrial waste heat below 130°C. AHT revalorizes almost 50% of recovered waste heat, boosting the temperature and becoming usable in the industrial process again. The aim of this tool is to study the feasibility to implement Indus3Es AHT technology in your industrial process! In this tool, you can enter the characteristics of your waste heat streams and calculate the operation and implementation costs of AHTs in your processes. The tool will ask you for your process waste heat information trough several steps. You will find information for every asked parameter. Please, fill in the information for the requested parameters, at the end of the process a report will be automatically created that details your data and

provides a feasibility study on the implementation of AHTs in your process. The tool is available at the following link <https://api-indus3esweb.azurewebsites.net/>. It is also accessible by surfing the project website.

Start date:

01/10/2015

End date:

30/04/2020
