

Projects

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The Indus3Es Assessment tool allows any potential planner or user to make a first assessment of the technical and economic potential of the installation of an absorption heat transformer (AHT) based heat recovery system under certain boundaries. It provides a predesign report including potential costs and energetic, emissions and economic savings that can be used to decide if the system is of interest.

The tool is based on a simplified thermodynamic model for the capacity and efficiency calculation of absorption known as the characteristic equation. Additionally, the calculation engine includes equations for the calculation of the electric parasitic power consumption and a cost estimation model for the AHT system. You can take advantage of the tool and have more information about Indus3Es on the project website.

