



TrustEE Electronic Investment submission Platform

Work package 2

D2.1

TrustEE

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TrustEE

**INNOVATIVE MARKET BASED TRUST FOR ENERGY EFFICIENCY INVESTMENTS IN
INDUSTRY**

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1 Executive summary

The implementation of TrustEE Electronic Investment submission Platform embodies the core technical support tool to the investment proposal decision making process. Aiming at widening the spectre of potential applicants and at minimizing proposal assessment related costs (transaction costs) this platform embodies two main features:

- Online implementation enabling a wide outreach within the EU space;
- Automatic assessment features enabling a reduction of transaction costs.

Implementation of the platform gathers the results achieved in different related activities within the project:

- The software suite developed for the assessment of PHES proposals, Del. 2.2;
- investment eligibility criteria, as defined in Deliverable 2.3;
- energy cost and inflation scenarios, as defined in Deliverable 4.4;
- energy pricing strategies, as defined in Deliverable 4.5.

The TrustEE platform is composed of:

- a front-end, i.e., the interface visible for the applicants to enter the required information, to submit the investment proposal application and to receive an automatic pre-assessment feedback;
- a back-end, i.e., the calculation engine implementing the technical and economic assessment parameters defined for the financial vehicle decision making process, storing all application information and providing the pre-assessment outputs to the applicant and management team.

Access to the platform: The TrustEE platform was launched 30 November 2018 and is available on: <https://trustee.ise.fhg.de>.

Upon registration, which includes contact and company information on the applicant side, applicants receive an email with a link to set up an access password. After this step, applicants are able to submit different proposals, all registered in the applicant's account. Proposals are identified by a name and foreseen technology can be edited or deleted by the applicant and their status can be checked on the applicant's account entering screen.

The information requested for a proposal covers two different stages:

- *Stage 1: Investment Assessment*
 - Equipment supplier (company and contact information);
 - End-User (company, contact and production information);
 - Economic parameters (Investment, lifetime, yield and incentives);
 - Substituted heat supply (costs, emissions, technology and efficiency);
 - Operating conditions (load profile, operating temperatures),
- *Stage 2: Technical Assessment*
 - Biogas (waste, digester and boiler characteristics);
 - Biomass (biomass and boiler characteristics);
 - EE (heat exchange streams and thermal storage characteristics)
 - Solar thermal (collector, storage, heat exchangers and integration point).

Upon submission of all elements, applicants receive an automatic feedback on whether the proposal meets the technical-economic pre-viability assessment criteria (in case they will be contacted for the human based assessment stage) or not (in case they are recommended to review their inputs). The financial vehicle management receives information on all submitted proposal pre-assessment result and technical and economic alert information on the proposals passing the automatic pre-viability assessment criteria.