



ETSAP – TIAM Collaboration phase III

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Motivation

- **One main target of the Annexes of ETSAP is to realize common scenario analysis, discuss technology improvements and then evaluate the impacts on the future energy system.**
- **The different phases of the ETSAP-TIAM collaboration has delivered insights on the different TIAM versions and improvements.**
- **Another advantage of the overall knowledge exchange is the possibility to share efforts in fixing bugs in the database and model structure.**



Road Map for phase III:

1. **Scenario definition (Achieve a renewable future in 2050))**
2. **Each team run the scenario(s) and defines the possible improvements.**
3. **Workshop: presentations from each partner and discussion of the planned improvements.**
4. **Each team provides the improvements in separate files**
5. **Discussion on the improvements on a ETSAP-TIAM workshop, evaluation of the relevance of these improvements.**
6. **The common version of ETSAP-TIAM will be prepared by IER**



Deliverables

- **An updated version of a common ETSAP-TIAM for energy systems analysis, including extensions provided by the partners**
- **Technical reports on the feasibility or actual extension of the second ETSAP-TIAM phase**
- **Periodic reports on workshops or seminars, and on analytical studies undertaken in connection with the partners**
- **A final report on the activities of the ETSAP-TIAM phase**





Requested budget

Overall Costs:

€ 71.000 (This budget only contains the contents outlined in the roadmap; additional funds would be needed for further extensions.)

Distribution:

- **€15.000** for coordination.
- **€56.000** will be shared between the active participants for their model improvements based on which a common improved model version will be created (If again 8 active partners participate it will be **€7.000** per partner and improvement).