



Workshop on Sustainability performance of the energy systems

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ETSAP
ExCo-meeting
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Objective

- To hold a workshop on ***Sustainability performance of the energy systems***

Motivation

- Sustainability indicators are a measure of sustainability performance of the energy systems and can deal with different aspects of sustainability: economic, social and environmental
- While environmental sustainability indicators have been broadly investigated and applied to energy systems, the research on the applications of socioeconomic and social indicators are still lagged behind in their incorporation
- To take a step forward in the incorporation of new indicators to our analyses

Benefits for ETSAP

- This project contributes to improve the analysis of the interaction between the energy system and the economy and society incorporating environmental, social and socioeconomic aspects
- Collaboration between ETSAP teams

Deliverables

- D1. Two-day workshop to be held in spring 2017
- D2. Workshop proceedings
- D3. Document with main results from discussion

Time schedule

January-December 2017

Tentative date for the workshop: April-May

CIEMAT, Madrid



Topics

The following topics have been identified:

- Methodologies to quantify environmental, social and socioeconomic indicators: Input-Output, SAM, ...
- Ways to implement those indicators into TIMES models
- Experiences on the valuation of social and socioeconomic sustainability of electricity generation, cooling and heating
- Discussion

Tasks

The project is split into the following tasks:

1. Workshop preparation
2. Workshop proceedings
3. Report

Budget

Personnel Costs			
Tasks	Estimated person-days	Average cost per person-day	Estimated total costs €
1. Workshop preparation	5	850	4,250
2. Workshop proceedings	6	850	5,100
3. Report	10	850	8,500
Sub-total			17,850

Other expenses	Estimated costs (€)
Travel (2/IFE, 1/other, around 15)	10,000
Workshop expenses (facility, coffee, lunch, 1 dinner)	1,600
Sub-total	11,600

TOTAL Project costs (€)	29,450
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