

SEC Tools



Sustainable Energy Communities



SEC-Toolbox - guidance and tools to support development of sustainable energy communities

The SEC-Toolbox aims at guiding and supporting various stakeholders along the process of planning and developing a sustainable energy community.

The tools can consist of:

- an overview and guides to Best Available Technologies,
- an overview and guides to Best Way of Practises,
- an analysis tool,
- other types of guidelines,
- and various concepts (concepts for energy performance contracting for example).

The SEC Tools project identifies the needs for various kinds of tools and on this background identifies, evaluates and possibly modifies existing tools. To some extent, new tools are developed.

The on-line English Internet version includes several downloadable guidelines (booklets), links, videos, on-line guidance, list of tools, news etc.

It is a brut list of tool categories (25 sub categories under 6 main categories) forming the basis for local tool-boxes in the individual project countries, adopted to local needs.

The tools are grouped according to process of developing Sustainable Energy Communities;

- The *Context* category tools aim at creating incentives to develop SECs and in this context providing overall guidance on the overall Sustainable Energy Communities process.
- The *Status and Potential* category includes tools to analyse characteristics of the market conditions and to identify development towards a sustainable energy community.
- *Planning* tools category deals with analysis and prioritization of the identified development options.
- The *Instruments* category deals with how to create incentives at the various stakeholders to implement the prioritized development options.
- The *Action Plan* tools deals with needed actions to implement SEC development plans with due involvement of the various stakeholders.
- Finally, *Monitoring and Evaluation* Tools aim at monitoring and evaluating the overall Sustainable Energy Communities process and the development options implemented.

SEC Tools



Sustainable Energy Communities



Main Categories

Sub Categories

Type

1 SEC Context

- 1.1 General guidelines on SECs
- 1.2 Guidelines on the international context
- 1.3 SEC Standard vision
- 1.4 Energy Planning Concept

- Guideline
- Guideline
- Concept
- Concept

2 Status and Potential

- 2.1 Market Analysis Tool
- 2.2 Energy System Analysis
- 2.3 Biomass Ressource Assessment
- 2.4 Energy Balance
- 2.5 Transport Analysis
- 2.6 Development Options

- Concept
- Concept
- Concept
- Model/Concept
- Concept
- Catalogue

3 Planning

- 3.1 Project Feasibility Analysis
- 3.2 Project design
- 3.3 Scenario Analysis

- Model/Concept
- Model/Concept
- Model/Concept

4 Instruments

- 4.1 Information and Awareness Raising
- 4.2 Fiscal instruments
- 4.2 Administrative instruments
- 4.4 Financing options
- 4.5 Financial Analysis
- 4.6 Third Party Financing/Energy Services

- Concept
- Concept
- Concept
- Concept/Guideline
- Model/Concept
- Concept

5 Action Plan

- 5.1 Strategy and Action Plan
- 5.2 Political and supportive framework

- Concept
- Concept

6 Monitoring

- 6.1 M&E of energy plans & policy programmes
- 6.2 Energy Management
- 6.3 Integrated Information System
- 6.4 SEC Assessment Tool

- Concept
- Model/Concept
- Model/Concept
- Model/Concept