

SCPTurKEY Project

“Actions towards the encouragement of the development of SCP Policies in Turkey among relevant stakeholders: An LCA approach for sustainable housing”

ACTIONTOWN NFP Support Workshop

Technology Development Foundation of Turkey (TTGV)
Emrah Alkaya

February 1-2, 2010
Vienna



Outline

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- SCP Oriented Activities of TTGV
- CSOContribution2SCP - SCPTurKEY Project
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 - Project Partners
 - Project Activities
- Expectations for the Workshop

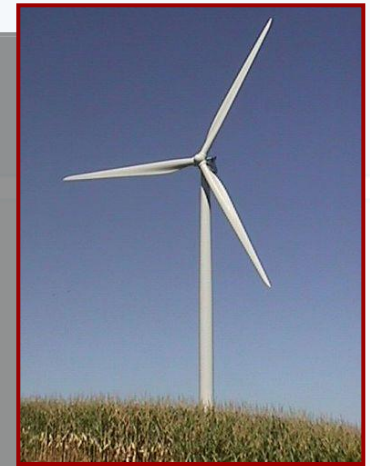
Technology Development Foundation of Turkey (TTGV)

- A **non-governmental, non-profit** organization founded in 1991.
- Enhance the competitiveness of Turkish **producers**, at the international markets, by supporting **technological innovation** activities in Turkey.
- Can act as a **financial intermediary** for transferring **grant and soft loan** to private sector.
- It has a light structure with **45 full-time** employees, but are supported by a pool of **1500 experts** mainly from **universities**.



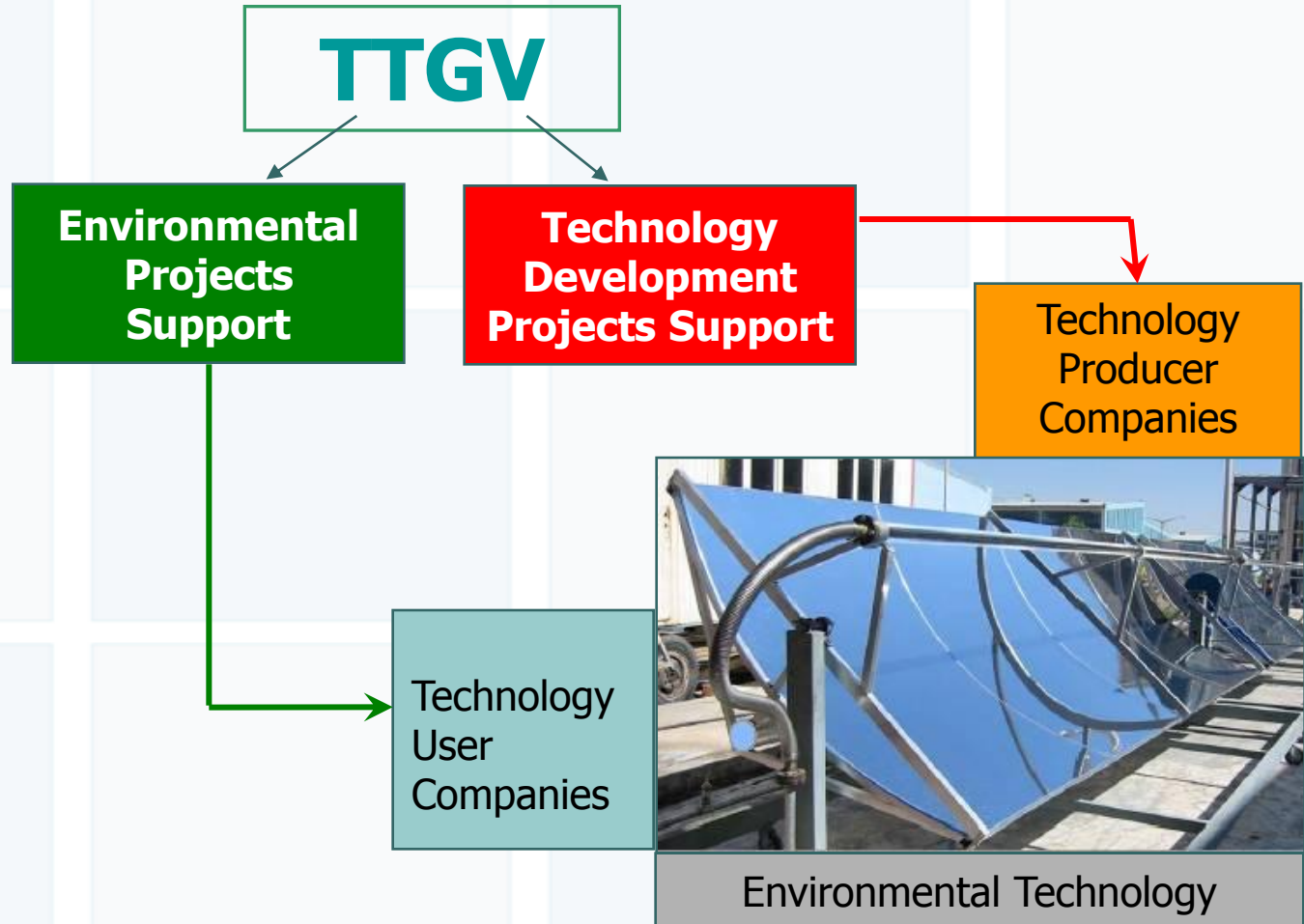
Environmental Supports/Activities of TTGV

- The perspective is to promote industrial enterprises **improve environmental performance** while increasing their competitiveness.
- TTGV started environmental support programs:
 - environmental technologies
“**cleaner (sustainable) production**”
 - energy efficiency
 - renewable energy
- TTGV also implements **national/international projects** in these fields.



Environmental Supports/Activities of TTGV

Implementation and investment type projects in environmental field are supported.



SCP Oriented Activities of TTGV

- Supporting the development of **environmental technologies** and **environmentally friendly products** is one of the priorities for TTGV
- Since, manufacturing industries are increasingly pressurised to incorporate
 - *economic,*
 - *environmental*
 - *and social performances in their activities,*

TTGV uses all opportunities to raise awareness for **life cycle thinking** and the requirement of **supply chain performance** enhancement.

SCP Oriented Activities of TTGV

- From the perspective of “**competitiveness**”, “**consumer demand**”, as a market pull factor, is now one of the major motivations and driving forces for the development of **eco-innovation**.
- Hence, TTGV has raised interest for the consumer side as well, and seeks for opportunities to take part in initiatives towards **sustainable consumption** and **sustainable lifestyle**.
- A Recent Project (2009 – 2010): “**Identification of Framework Conditions and R&D Requirements for Dissemination of Cleaner (Sustainable) Production Practices in Turkey**”, TTGV, METU - supported by Ministry of Environment and Forestry.

SCPTurKEY Project

Project Name

“Actions towards the encouragement of the development of SCP Policies in Turkey among relevant stakeholders: An LCA approach for sustainable housing”

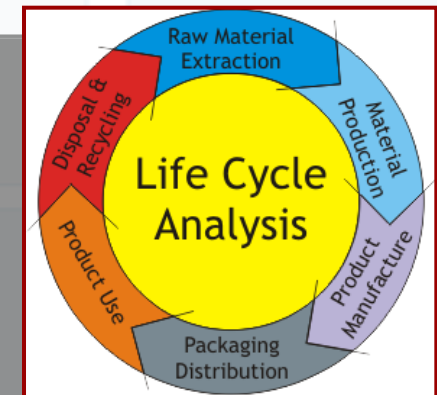


Project Concept

Housing & Assessment Tools

Project Duration

June 2009 – August 2010



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Project Objectives

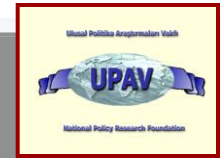
- Set up a national network among institutions and experts working on various aspects of SCP
- Accumulate experience and help to build a capacity among stakeholders
- Gain an understanding of LCA methodology
- Formulate recommendations, particularly for the use of LCA as a tool to support the actions of relevant stakeholders
- Disseminate the results and lessons learned from the experiences of the LCA study among the stakeholders



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Project Partners

- **MATPUM** (Middle East Technical University - Research and Implementation Centre for Built Environment and Design)
- **UPAV** (National Policy Research Foundation)
- **UTES** (United Kingdom – Turkey Environment Society)
- **TTMD** (Turkish Society of HVAC & Sanitary Engineers)
- **METU-ENVE** (Middle East Technical University - Environmental Engineering Department)



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Project Activities

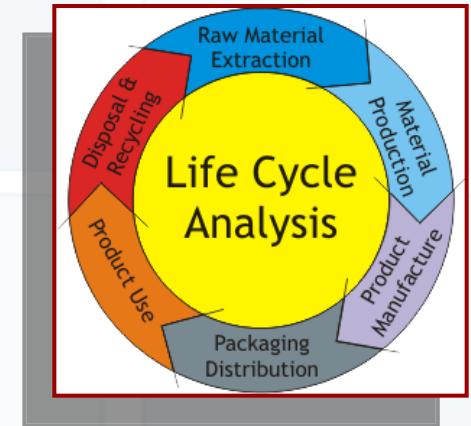
- **Activity 1:** LCA Study
- **Activity 2:** Policy Instruments Review
- **Activity 3:** Evaluation of the Results, Development of Recommendations
- **Activity 4:** Networking and Dissemination



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Activity 1: LCA Study

- 1.1. **Review** of previous LCA studies in the field of housing
- 1.2. Identification of the available **data and tools**
- 1.3. Decision on the **scope and type** of the LCA study
- 1.4. Implementation of the LCA study and **documentation**



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Activity 2: Policy Instruments Review

- 2.1. Overview of **existing and potential regulations** in relation to **SCP and housing** in Turkey and selection of two regulations (Energy performance of buildings; Energy labelling of household electric refrigerators, freezers and their combinations; Setting of eco-design requirement for energy using products; Eco-labelling; EMAS; WEEE)
- 2.2. Evaluation of the selected regulations and the **EU experience** on the mentioned regulations
- 2.3. Documentation

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Activity 3: Evaluation of the Results, Development of Recommendations

- 3.1. A **workshop** to evaluate and discuss the reports among project partners and stakeholders and **develop recommendations** for using **LCA** as an **efficient tool**
- 3.2. Assessment of project outputs
- 3.3. Reporting (final)



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Activity 4: Networking and Dissemination

- 4.1. **Inception meeting** with project partners
- 4.2. Enlarge the related **network** as a continuous activity
- 4.3. Enabling a continuous communication among the **SCP network**
- 4.4. Conducting a **media workshop**
- 4.5. Preparing a **short podcast**,
- 4.6. Conducting other meetings as required



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Project Activities so far...

- **First meeting** with project partners (*May, 2009*)
 - *General discussions about SCP, LCA and the Project*
- Participating to Eco-design Event as a **networking activity**. Giving a presentation about SCP and the Project (*May, 2009*).
- **A literature review** (both for the World and Turkey) of previous LCA studies in the field of **housing** (June, 2009)
- A short review of **National Policy Documents** on SCP (July, 2009).



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Project Activities so far...

- **Second meeting** with project partners (August, 2009)
 - *Decision on the scope and type of the LCA study:*
*"A general compilation and evaluation of previous relevant LCA studies will be carried out on **insulation materials** used for **building insulation**"*



- **Building of a Web Site** (Turkish&English) dedicated to SCP is started (January, 2010).

Expectations for the Workshop

Discussions

- Methods / ways of **practical LCA studies** (Compilation, review etc.)
- How to **attract and raise attention** of different target groups (NGOs, government, research side)
- How to make the results of a **review LCA study useful and noteworthy**
- How to use projects outcomes (**ActionTown and NFP Projects including SCPTurKEY**) to promote **SCP Nationwide**.





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THANK YOU

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