Future plans and activities

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Emergence of the Initiative

- May 2000 - Malmo Declaration calls for a Life Cycle Economy
- Apr. 2002 - Launch of the Life Cycle Initiative
- Sep. 2002 - WSSD asks for the use of life cycle analysis
- Feb. 2003 - UNEP GC.22 decisions request to strengthen UNEP/ SETAC partnership
- Apr. 2003 - Initiative delivers draft Definition Studies to ILCP
- Oct. 2003 - Call for expression of interest in Task Forces

NOW

- **The Commission mentions directly the Initiative and it will seek to promote IPP on the international level.**
- **UN SCP meeting in Marrakech recommends the world-wide implementation and sharing of experiences on IPP through international activities such as the UNEP led Life Cycle Initiative.**

Sustainability Challenge

Provide decent living conditions for all…

… within earth carrying capacity.

WSSD: Changing consumption and production patterns

- Promote **10-year framework** of programmes

- Support **regional & national** initiatives

- Improve the **products & services**

- Develop **consumer information tools**

- Use science-based approaches, such as **life-cycle analysis**

De-linking economic growth and environmental damage

- Promoting an **integrated approach** to consumption and production;

- **Developed countries** need to do more and **developing countries** support;

- Using **policy** instruments, **technology** solutions and **partnerships**.

Overview

- **ILCP International Life Cycle Panel**
  Involve the relevant stakeholders

- **LCM Life Cycle Management**
  Integrate LC thinking into decision making

- **LCI Life Cycle Inventory**
  Get the right data to the users

- **LCIA Life Cycle Impact Assessment**
  Provide the best available indicators

- **LCR Life Cycle activities in Regions**
  Create capacity in all regions

ILCP - International Life Cycle Panel

- Governing body of the Life Cycle Initiative
- Chaired by UNEP DTIE director
- In close communication with partners
- Meetings approximately every six months:
  - Inaugural Meeting in Prague, April 2002
  - 2nd Meeting in Paris, January 2003
  - 3rd Meeting in Hamburg, April 2003
  - 4th Meeting in Paris, December 2003
  - 5th Meeting in USA, 2004

Partners

Sponsoring:

- ACE
- APME
- GM
- ICMM
- Netherlands
- Switzerland
- Canada/Quebec CIRAIG

Supporting:

- AIST
- Brazilian LC Association
- CI
- Eco Global, Costa Rica
- Indian Society of LCA
- ISO
- US EPA

Work modus

- Surveys on user needs, data availability and other relevant issues;

- Workshops to share experiences and acquire knowledge;

- Publications to promote life cycle approaches;

- Working groups with task forces and peer review groups on LCM, LCI and LCIA preparing reports and contributions to a planned information system

- Website as central contact point to access information provided by the Initiative;

- Quarterly LC.net bulletin and communication by SETAC Globe, ISIE news and Int J LCA.

LCM - Life Cycle Management

- **Awareness training for the application of life cycle thinking and improvement of decision-makers' skills by producing information materials and establishing forums for information exchange**

- The long-term deliverables consist of:
  - Integration of various existing tools and concepts in LCM framework;
  - Strategies for communication of life cycle information to relevant stakeholders;
  - Training modules for SMEs and developing countries.

LCM - Task forces

- 1 - Innovation of products and services: Life cycle based product and service development

- 2 - Communication of life cycle information: Labeling, Product Declarations, Reporting, Certifications

- 3 - Management along the life cycle: EMAS, Product Oriented Environmental Management Systems (POEMS), Supply Chain Management

- 4 - Stakeholder engagement along the life cycle: Stakeholder analysis, Multi-stakeholder dialogue, Product panels

- 5 - Life Cycle Costing

- 6 - Preparation of life cycle training modules

LCI - Life Cycle Inventory

- **Improvement of global access to transparent, high quality life cycle data by hosting and facilitating expert groups whose work results in web-based information systems**

- The long-term deliverables consist of:
  - Information systems for easy access to peer reviewed Life Cycle Inventory databases;
  - Reliable LCI data for simplified tools;
  - Guidance on LCI methodology;
  - Compilation of life cycle studies to identify best practice in different sectors and regions.

LCIA - Life Cycle Impact Assessment

- **Improvement of the quality and global reach of the life cycle indicators by promoting the exchange of views among experts whose work results in a set of widely accepted recommendations**

- The long-term deliverables consist of:
  - Recommended available Life Cycle Impact Assessment methods, models and factors;
  - Guidance for benchmarking in business practice including social-economic aspects.

LCR - Life Cycle activities in Regions

- **Regional networks for training and capacity building on life cycle approaches**

- The long-term deliverables consist of:
  - Training courses in Africa, Asia/ Pacific, Eastern Europe and Latin America;
  - Pilot projects with life cycle database creations for commodities;
  - Web-based distance learning offers in collaboration with universities.

Importance
of LCI data quality

Improvement of global access to transparent, high quality life cycle data:

- Common basis for the innovation of products and services;

- Adequate communication of life cycle information;

- Consideration of national and regional particularities in developing countries;

- Scientific reliability of simple tools;

- Optimization of linkages to LCIA framework.

Become involved and contact us for more information !

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