



Life Cycle Initiative

A joint organisation
of UNEP & SETAC



Call for proposals on implementing life cycle in business - feedback



Life Cycle Initiative

Overview

- Life Cycle Management Capability Maturity Model (LCM-CMM) Pilot project
- Overview of applications
- Applications selected
- Where to from here



LCM-CMM Overview

LCM = operationalising life cycle thinking

CMM = formal architecture of evolutionary stages

- starts with self assessment to understand current level + gaps/opportunities for improvements
→ strategy for improvement



LCM-CMM Pilot Projects

| Timeline | Activity |
|---------------------|--|
| 30 May 2013 | Call for proposals for pilot projects |
| 15 August | Submissions close, panel assessment of proposals |
| Early September | Decision made, companies notified |
| September - October | Contracts organised |
| Jun 2014 | Pilot projects complete |

- 22 received, 4 from Africa, 9 from Asia, 7 from Latin America and 2 from developed countries
- Type of organisation - small and large companies, a regional cluster of companies and a rural development organisation
- Industry sectors – manufacturing (food, textiles, printing, pharmaceuticals), heavy manufacturing, forestry, community development, consulting, research
- Coach -



LCM-CMM Pilot Projects Selected

| Country / Company/ Industry | Project |
|---|--|
| South Africa / Freudenberg Nonwovens/ Textiles | Supply Chain Management |
| Uganda / RUCID / Agrifoods | Bioenergy carbon footprint |
| Cameroon / NEHSU Foods / Food production | KPIs along value chain |
| Colombia / Secretaria Distrital de Ambiente + network of 22 companies / Range, mostly food | 3 LCM projects + capacity building |
| Brazil / Ediouro Grafica e Editora / Printing | Waste reduction |
| Peru / Finca Mountain Villa Rica / Coffee | Eco-design of post harvest process |
| India / Polygenta Technologies / Textiles from post consumer PET bottles | Comparative LCA of polyester filament yarn |
| India / Indian Glycols / Chemicals Manufacturing | LCA of Ethylene Oxide derivatives to identify hot spots |

LCM-CMM Pilot - motivations

Company

- Improving business processes → more competitive, improve public profile
- Support to implement a project
- Internal momentum for change

Life Cycle Initiative (UNEP/SETAC)

- Trial LCM-CMM model – is this an effective way of supporting SMEs?
- Can the model be improved? What other support is required eg training, information?




Where to from here

- LCM-CMM enhanced
- Local networks of coaches
- Organisations to partner with – National Cleaner Production Centres, Government Environmental agencies, Chambers of Commerce



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