Life cycle approaches at policy and business levels

Applying Eco-innovation and the SCP Hot Spot Analysis Tool

Elisa Tonda / 7 March 2019 / Global Major Group and Stakeholders Forum
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www.learnlifecycle.com/
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What is the SCP HAT?

- An online application that provides data to feed in the analysis of 171 countries’ environmental and socio-economic performance over the last 25 years, offering empirical evidence of ‘hotspots’ where unsustainable consumption and production practices may be particularly prevalent.

- The function of the SCP HAT is to provide evidence-based analysis of high-impact areas and sectors within national economies, which also offer high-impact opportunities, to inform the design and the implementation of national science-based SCP strategies.
HOTSPOT ANALYSIS TOOL FOR SUSTAINABLE CONSUMPTION AND PRODUCTION

to support science-based national policy frameworks

Country Profile

SCP Hotspots

National Data Systems

scp-hat.lifecycleinitiative.org/
Initial results

Overall outcomes:
- Increased knowledge and understanding of
  - Co-benefits of SCP and resource efficiency in high impact sectors
  - Benchmarking country’s performance compared to other countries or between sectors
  - SCP policy instruments to address inefficient use of natural resources
- ... across Ministries (Economy / Finance / Planning, Interior and Public Works)
- Next steps planned in pilot countries, e.g.:

Argentina
- detailed sectoral (hotspot) analysis in priority sectors; develop guidance for these sectors to improve performance
- Establishment of an inter-ministerial body for coordinated action on SCP
- Adoption of a national SCP strategy

Ivory Coast
- targeted analysis of policy options to address hotspots, with a focus on raw material use, short and long term climate change, land use
What is Eco-Innovation?
Key principles of eco-innovation

1. Eco-innovation is a **strategic approach**
2. Eco-innovation adopts a **life cycle approach**
3. Eco-innovation aims to influence and involve the entire **value chain**
4. Eco-innovation considers the **environmental, social and economic aspects** of sustainability
What is Eco-Innovation?  
Key principles of eco-innovation

Life cycle approach...

...requires engagement of the value chain
Why is eco-innovation important? Business case for eco-innovation

- **Specialized Solar Systems (South Africa)**
  - Tripled size in three years

- **KUO Industrial Group (Mexico)**
  - Expanded through new export market segments

- **Triodos Bank (The Netherlands)**
  - Doubled in size from 2008-2013

- **Natura (Brazil)**
  - Access low price point market through eco-innovation

- **Ecover (Belgium)**
  - Growth of 10-25% from 2002-2010

- **Interface (USA)**
  - 35% global market share

- **Eco2Distrib (France)**
  - Growth of 15%
Innovation and Circular Economy

Green Solutions for a Growing Adhesives Business
Malaysia's Wiltron Products is an adhesives manufacturer with a plan... >> read more.

— Success story from Malaysia

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The production of coffee and cocoa features strongly in Latin... >> read more.

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On the banks of the Red River in northern Vietnam... >> read more.

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Sri Lankan company Asian Agro Products has taken big steps... >> read more.

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A Blueprint for Success – Accel of Malaysia
In a global printing market worth $850 billion, producers of... >> read more.

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How Eco-innovation Transformed a Vietnamese Tea Trader
A Vietnamese company Hiop Thanh used to... >> read more.

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Mining Machinery Goes Green – Funvesa of Peru
A successful producer of iron castings for Peru's mining and... >> read more.

— Success story from Peru

Production to partnership - why grassroots success means better business for Sri Lankan dairy
When Sri Lanka's Rasoda Dairies took on eco-innovation, it focused... >> read more.

— Success story from Sri Lanka
For more information, resources, and tools

Visit the Eco-innovation website:
http://unep.ecoinnovation.org/

Intro to Life Cycle Thinking websites:
http://www.learnlifecycle.com/
http://www.aprendeciclodevida.com/

Visit the Life Cycle Initiative website:
https://www.lifecycleinitiative.org/
Thank you for your participation

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