



On behalf of



Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

of the Federal Republic of Germany

Technical Workshop on the Development of Climate-Relevant Criteria for Green Public Procurement 19-21 February 2014



1. Key Notes



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2. Workshop Objective

Overall Objective: To provide the hands-on training in developing of climate relevant criteria to public authorities for further integration in Green Public Procurement (GPP)

Specific Objectives:

1. To share the methodological concept for developing climate-relevant criteria for their integration in GPP
2. To demonstrate the criteria development process using the example of two product groups - **Printers and Fluorescent Lamps**
3. To train the public authorities in developing climate-relevant criteria for two new product groups - **Computer and Uninterrupted Power Supply (UPS)**

3. Expected Results

1. The representatives of the public authorities in Thailand learn the methodology to develop the climate –relevant criteria for selected product groups
2. The representatives of the public authorities in Thailand develop climate- relevant criteria for Computer and Uninterrupted Power Supply (UPS)
3. The representatives of the public authorities begin developing the climate-relevant criteria for selected product groups independently.

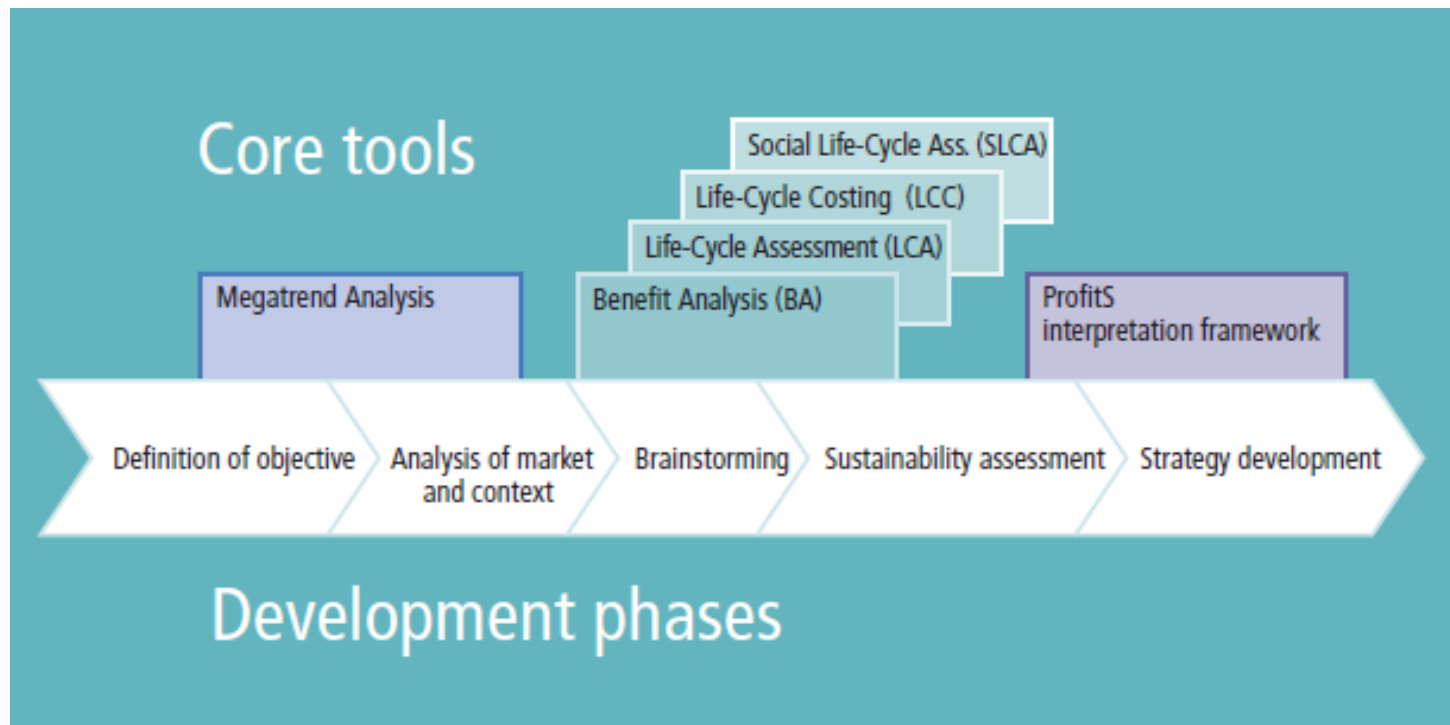
4. Expectations from Participants

- Actual approach for implementation in Thailand
- Learning from the experts for criteria development
- Criteria development in relation to climate
- Effective methodology to integrate CFC into Thai Green Label
- Training of both, scheme owner and procurer on GPP
- Learn the methodology to develop climate-relevant criteria for new products
- CRC effective methodology in criteria development
- Able to develop climate-relevant criteria for product and services
- Understand the methodology and process of developing climate criteria for GPP and feeling confident in applying it independently
- Better understanding of climate relevant criteria/technique
- Criteria development background communication to stakeholders
- Practical example and benefit
- Lesson learn on GPP & SCP awareness

5. Technical Inputs

5.1 Methodological Concept for the Development of Climate-Relevant Criteria : PROSA – Product Sustainability Assessment

(Mr. Tobias Schleicher, Oeko-Institut e.V., Germany)



5. Technical Inputs

5.2 Development of Climate-Relevant Criteria

(Mr.Tobias Schleicher, Oeko-Institut e.V., Germany)

Fluorescent Lamp



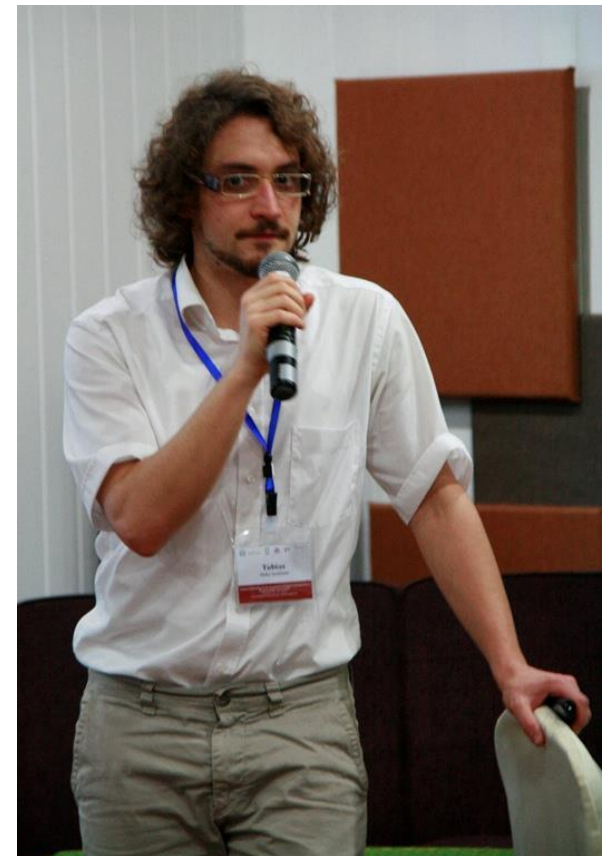
Printer

5. Technical Input

5.3 Basic Information - Uninterrupted Power Supply (UPS)

(Mr. Tobias Schleicher, Oeko-Institut e.V., Germany)

- Definition: provide emergency instantaneous power to critical devices computers, data centre, and telecommunications equipment
- UPS can be divided in 3 types according to IEC-Classification (EN 62040-3):
 1. Voltage and Frequency Dependent (VFD); “offline-UPS”
 2. Voltage Independent (VI)
 3. Voltage and Frequency Independent (VFI); “online-USV”



5. Technical Input

5.4 Basic Information – Computer

(Mr. Siddharth Prakash, Oeko-Institut e.V., Germany)



- Different types of computers: some are more efficient than others, e.g.: tablet more efficient than laptop
- Detailed specification (what kind of computer/laptop/notebooks should be purchased) is very important, otherwise not comparable with each other

6. Independent Group Work

Group Work 1: Identification of scope and definitions

Group Work 2: Identification of climate-relevant impacts

Group Work 3: Comparative label analysis



7. Presentation and Discussion

GW1: Guiding Questions – Scope and Definitions

- Which products are covered?
 - Which are the different types product group (e.g. tablets, laptops, etc.)?
 - Are there technical thresholds (e.g. ...)?
- Are the most relevant types (e.g. Product Group for GPP in Thailand)

Scope	Docu
Which products are covered?	
Which products are not covered?	
Proposed scope for Thai GPP?	

GW2: Guiding Questions – Climate-relevant impacts

	Study 1	Study 2	Study 3	Comparative analysis - summary
What are the most relevant climate aspects of the product group during its life-cycle				
Which is the most relevant life-cycle phase with regard to Greenhouse Gas Emissions (e.g. electricity consumption during the use phase)? Please provide quantitative information (e.g. 90% of Greenhouse Gas Emissions in use-phase; xy kg CO2e in the production phase etc.)?				
What kind of criteria is needed to tackle Greenhouse Gases in the identified life-cycle phase (e.g. efficiency criteria for the use phase)?				
Are there any reasons to include or exclude less important climate-relevant criteria (e.g. lifetime criteria excluded due to lack of test standards)?				

GW3: Guiding Questions – Comparative Label Analysis

- By comparing labels, which label is the most ambitious with regard to each climate-relevant criterion?

	Document 1	Document 2	Document 3	Comparative analysis - summary
Climate Criteria n°1				
Climate Criteria n°2				
Climate Criteria n°3				