



INTRODUCTION

1st Stakeholder Meeting, Ecodesign Preparatory Study for Lifts

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21 February 2018, Brussels



ISR-University of Coimbra



Waide Strategic Efficiency



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IMPORTANT NOTE ON STAKEHOLDER FEEDBACK

Please be aware that this is a draft consultation document that is only published for the purpose of receiving stakeholder comments. The underlying report may still undergo substantial revisions prior to being released as a final report of this preparatory study.

All stakeholders are invited to submit feedback using the default feedback form available in the download section of the project website at www.eco-lifts.eu.

For references, please see the draft report.





AGENDA



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MORNING

9:45 – 10:00	Arrival of participants
10:00 – 10:15	Welcome and round of introductions Cesar Santos, European Commission
10:15 – 10:30	Background and objective of the study Cesar Santos, European Commission
10:30 – 10:50	Methodology of the study and objectives of the meeting Clemens Rohde, Fraunhofer ISI
10:50 – 11:15	Presentation of preliminary results of Task 1: Scope Antoine Durand, Fraunhofer ISI
11:15 – 11:45	Presentation of preliminary results of Task 2: Markets Paul van Tichelen, Vito
11:45 – 12:45	Discussions on Task 1 and 2

AFTERNOON

12:45 – 13:45	Lunch break
13:45 – 14:05	Presentation of preliminary results of Task 3: Users Simon Hirzel, Fraunhofer ISI
14:05 – 14: 25	Discussion on Task 3
14: 25 – 15:45	Further proceeding and schedule, other issues Clemens Rohde, Fraunhofer ISI Including an outlook on Task 4 by Joao Fong, ISR
15:45	Closing Cesar Santos, European Commission



THE ECODESIGN PROCESS



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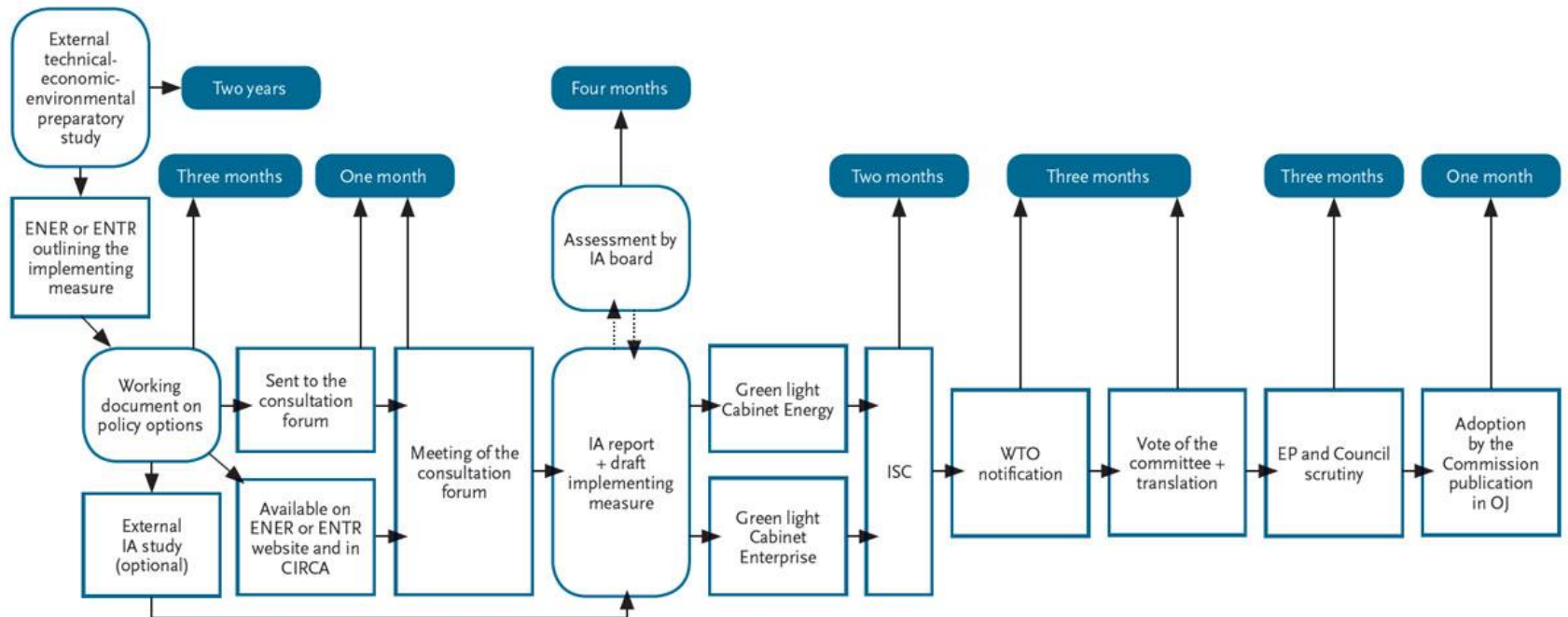
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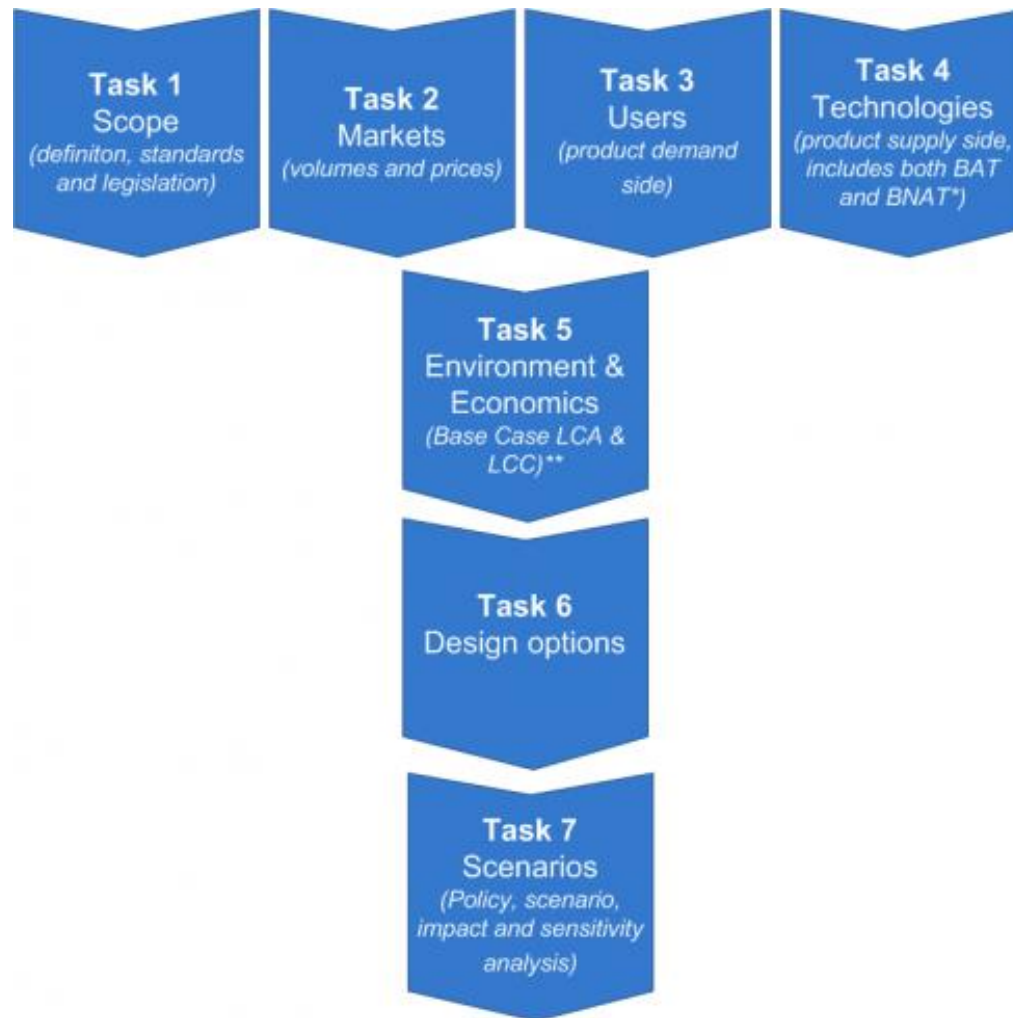
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THE ECODESIGN PROCESS



TASK STRUCTURE



TASK 1: SCOPE

- **Objective**
- Determination of a clear definition of the product.

- **Methodology**
- Interaction with the relevant stakeholders (manufacturer's associations, standardization bodies, etc.);
- Use of secondary data to support the definition process.

- **Subtasks**
- Subtask 1.1: Product Scope
- Subtask 1.2: Measurement/Test Standards
- Subtask 1.3: Existing Legislation

- **Output**
- Scope definition of the product for the preparatory study.

TASK 2: MARKETS

▪ Objectives

- to place product group within the total of EU industry and trade and provide input for the subsequent tasks ;
- to provide market and cost inputs for environmental impact of the product group;
- to provide insights in the latest market trends so as to indicate the market structures and ongoing trends;

▪ Input

- Product scope and features coming from Task 1.

▪ Methodology

- Desk research and data collection
- Market assessment
- Market trends
- Interaction with the relevant stakeholders

▪ Activities

- Subtask 2.1: Generic economic data
- Subtask 2.2: Market and stock data
- Subtask 2.3: Market trends
- Subtask 2.4: Consumer expenditure base data
- Subtask 2.5: Recommendations

▪ Outputs

- Product placed within total EU Industry and trade policy (official figures)
- Input unit sales values for Task 5-7/ (LCA, EU-wide impacts, stock model)
- Insight in trends (possible Ecodesign measures with or opposed to trends?)
- Input prices/cost values for Task 5-6 (prices, rates e.g. for LCC base case and design options)

TASK 3: USERS

- **Objectives**
 - Determination of lift use cases

- **Input**
 - Product scope and features coming from Task 1.

- **Methodology**
 - Technological analysis of systemic integration of lifts;
 - Literature Analysis of potential impacts of user behavior.

- **Subtasks**
 - Subtask 3.1: System aspects of the use phase for ErPs with direct impact
 - Subtask 3.2: System aspects of the use phase for ErPs with indirect impact
 - Subtask 3.3: End of Life Behavior
 - Subtask 3.4: Local infrastructure (barriers and opportunities)
 - Subtask 3.5: Recommendations

- **Outputs**

TASK 4: TECHNOLOGIES

- **Objectives**
 - Description of the Technological Parameters of lifts
 - Definition of the Base-Case for the further assessment

- **Input**
 - Product scope and features coming from Task 1.
 - Market data coming from Task 2

- **Methodology**
 - Analysis of technological options

- **Subtasks**
 - Subtask 4.1: Technical Product Description
 - Subtask 4.2: Production, Distribution and end-of-life
 - Subtask 4.3: Recommendations

- **Output**
 - Base case definition

TASK 5: ENVIRONMENT AND ECONOMICS

- **Objectives**
 - Calculation of environmental and economic impact of the base case product
 - Determination of reference cases for improvement options

- **Input**
 - Unit sales values (LCA, EU-wide impacts, stock model) (from Task 2)
 - Prices/cost values for (prices, rates e.g. for LCC base case and design options) (from Task 2)

- **Methodology**
 - Synthesis of collected data
 - Impact assessment and LCC calculation according the proven methodology

- **Activities**
 - Subtask 5.1: Product specific inputs
 - Subtask 5.2: Base Case Environmental Impact Assessment
 - Subtask 5.3: Base Case Life Cycle Cost for consumer
 - Subtask 5.4: Base Case Life Cycle Cost for society
 - Subtask 5.5: EU totals

- **Output**
 - Defined Reference Cases for subsequent tasks

TASK 6: DESIGN OPTIONS

- **Objectives**

- Identification and evaluation of design options for the improvement of the performance of lifts

- **Input**

- Unit sales values (LCA, EU-wide impacts, stock model) (from Task 2)
- Prices/cost values for (prices, rates e.g. for LCC base case and design options) (from Task 2)

- **Methodology**

- Technological analysis of potential design options
- Economic analysis of the selected design options

- **Subtasks**

- Subtask 6.1: Identification of design options and assessment of their impacts
- Subtask 6.2: Analysis of Costs
- Subtask 6.3: Analysis of BAT and LLCC
- Subtask 6.4: Long Term Potential (BNAT) & System Analysis

- **Outputs**

TASK 7: SCENARIOS

- **Objectives**
- Support the understanding of the potential impacts of regulation

- **Methodology**
- Impact analysis of the different policy options

- **Subtasks**
- Subtask 7.1: Policy Analysis
- Subtask 7.2: Scenario analysis (unit stock/sale & environmental)
- Subtask 7.3: Socio economic impact analysis
- Subtask 7.4: Sensitivity analysis
- Subtask 7.5: Summary

MAIN OBJECTIVES OF TODAY'S MEETING

- We want...
- ...to inform you about the work on the preparatory study.
- ...to communicate our need for additional information.
- ...to get you feedback on the work carried out so far.