



# TASK 3 – USERS (REVISED DRAFT)

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2<sup>nd</sup> Stakeholder Meeting, Ecodesign Preparatory Study for Lifts

Simon Hirzel, Fraunhofer Institute for Systems and Innovation Research ISI

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ISR-University of Coimbra



Waide Strategic Efficiency



Fraunhofer  
ISI



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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](http://www.eco-lifts.eu).

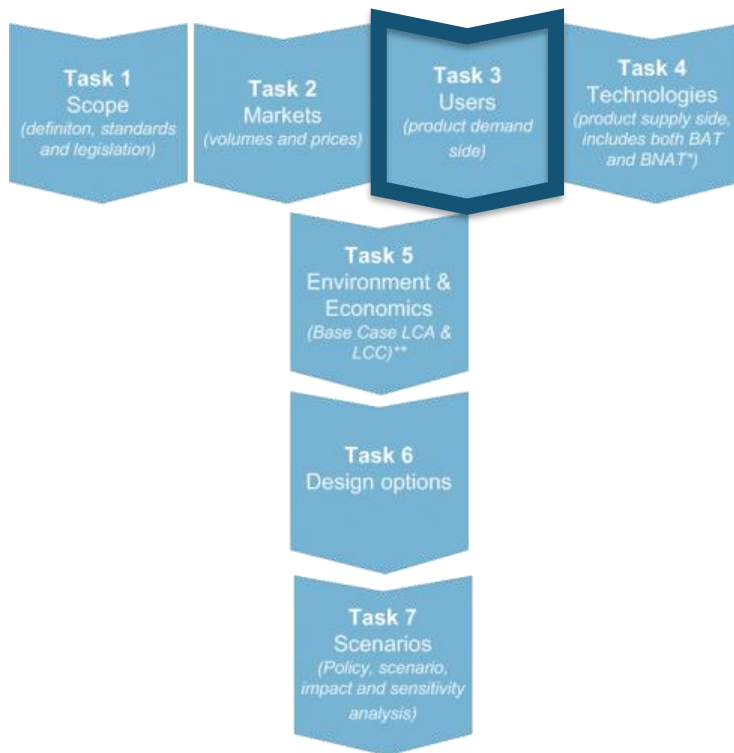
For references, please see the draft report.



# TASK STRUCTURE

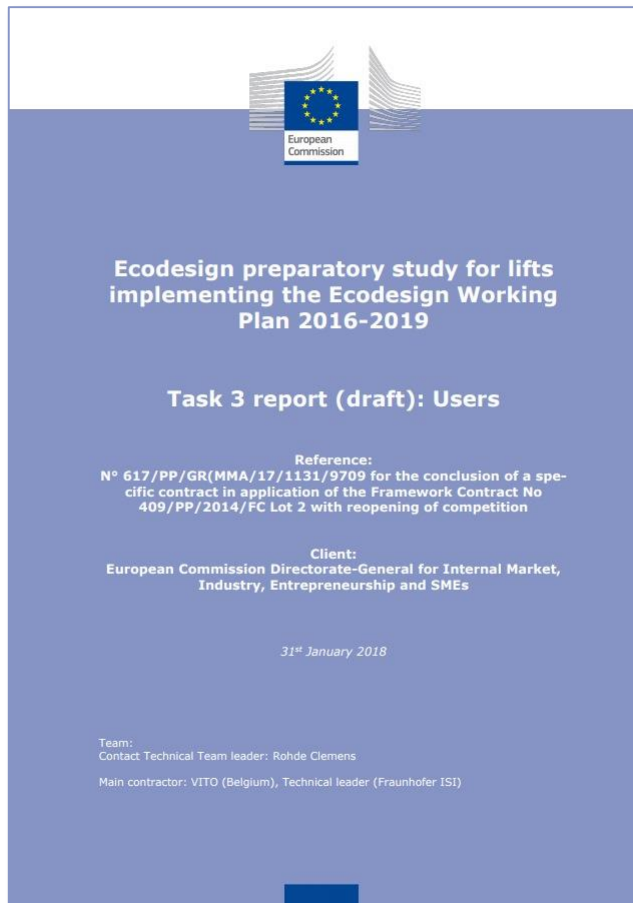
## *Project team members involved in Task 3 preparation*

- **Autors:** S. Hirzel, A. Durand (Fraunhofer ISI)
- **Contributor:** J. Fong (ISR Coimbra)
- **Review:** P. Waide (Waide Strategic Efficiency)



### **Aim of Task 3 (product demand side)**

- discuss **barriers and restrictions** to potential Ecodesign measures due to infrastructural, social and cultural aspect
- quantifying **user-parameters with influence** on the environmental impact differing from the standard test conditions



<https://www.eco-lifts.eu/eco-lifts-en/content/documents.php>  
Task 3\_Report

## Task 3: Users

- Subtask 3.0: Preliminaries
- Subtask 3.1. System aspects in use phase with direct energy consumption effect
  - Strict product/component scope
  - Extended product approach
  - Technical systems approach
  - Functional approach
- Subtask 3.2. System aspects in use phase with indirect energy consumption effect
- Subtask 3.3. End-of-Life behaviour
- Subtask 3.4: Local infrastructure
- Subtask 3.5: Recommendations

## TASK 3: IMPORTANT COMMENTS I

- ***“There are ISO 25745 and VDI 4707 mentioned. Since the new ISO 25745-2 is a global standard this should be followed only. [...]”***
  - ISO 25745 is the international standard energy demand. Yet it should be noted that the original VDI 4707-1 has also been used in various countries in the past while ISO 25745-2 was still under development. As the MEERP requires deviations from relevant test standards to be discussed, VDI 4707 has also mentioned here. Stakeholders should note that this section mainly has an analytical character with regard to user behaviour and shall not advocate a specific standard. To further clarify the situation, however, additional information has been added to the introduction of chapter 3.2.
- ***“We fully agree that the impact of high energy efficiency new lifts on the installed stock will be low and delayed. Immediate improvement would need to include existing installations too.”***
  - Stakeholders should note that Ecodesign measures by definition will only affect new products to be put onto the market.

- ***“There may also exist restrictions from legislation, e.g. safety requirements for disabled, which may prohibit more energy efficient approaches”***
  - Safety equipment can affect both standby and cycle consumption. Yet it should be noted that the safe operation of lifts is a primary requirement to all lifts which seems little affected by user behavior as it already is a "built-in" property of the lift.
  
- ***“The todays technology has been improved since the E4-study. There are examples where new products are using 5x less energy than the old product.”***
  - The focus of Task 3 is on user behaviour; Task 5 (later today) is on technology.

**THANK YOUR FOR YOUR ATTENTION**

**Simon Hirzel**

Competence Center Energy Technology and Energy Systems  
Fraunhofer Institute for Systems and Innovation Research ISI  
contact@eco-lifts.eu

