

Presentations and factsheets for the use of sustainability indicators and for benefits and possibilities of environmental labelling

Deliverable no: D4.2
Work package no: WP 4
Work package title: Sustainable value chain
WP leader: VTT
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Dissemination level: PU

IMPAWATT

IMPlEmentAtion Work and Actions To change the energy culTure

Grant Agreement number:

785041-IMPAWATT – H2020-EE-2016-2017/H2020-EE-2017-CSA-PPI

Start date: 01.06.2018

Duration: 30 months

Document History

Date	Version	Prepared by	Approved by	Notes
Add date	1	VTT	AEA	
Add date	2	VTT	Planair	
07.10.2019	Final	VTT	Planair	
26.02.2020	3	VTT	Planair	Text simplified and table with direct links to all available documents added

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1 Executive summary

The objectives of the IMPAWATT work on “Sustainable value chain” was to support corporate policy towards sustainable supply-chain management and support for the consideration of sustainability aspects when implementing energy-efficiency measures.

Guidelines, indicators and tools are provided to help companies to take into account sustainability aspects when planning, selecting and implementing measures that improve energy-efficiency. The focus of work is on life-cycle aspects and aids in finding relevant standards, tools and databases for life cycle assessment and life cycle costing.

Guides, fact sheets and questionnaires have been developed for the use of energy managers and other personnel to help in considering sustainability aspects of energy related decisions.

Final documents, presentations, factsheets and questionnaire about LCA knowledge and life cycle costing are organised according to the four following topics:

1. Topic 1 Life cycle assessment
2. Topic 2 Environmental labels and declarations
3. Topic 3 Life cycle costs assessment
4. Topic 4 Sustainability indicators.

2 Description of the factsheets and guide

The purpose of the overall LCM information package is to give basic guidelines for life-cycle and sustainability thinking.

The prepared factsheets are as follows:

- Factsheet Topic 1 Life cycle assessment
- Factsheet Topic 2 Environmental labels and declarations
- Factsheet Topic 3 Life cycle costs assessment
- Factsheet Topic 4 Sustainability indicators.

The factsheets and presentations include information, explanations and links that support organisations in getting the first insight into environmental and sustainability indicators, environmental declarations and labelling systems, sustainability reporting and sustainability assessment and in finding further information about supporting tools, standards and databases.

The overall information package on life cycle management include the following parts (PowerPoint presentations):

- LCM Part 1: Life cycle management (LCM)
- LCM Part 2: Life cycle assessment (LCA)
- LCM Part 3: LCA tools and examples of LCA studies
- LCM Part 4: Carbon footprint
- LCM Part 5: GHG emissions from energy carriers
- LCM Part 6: Carbon handprint
- LCM Part 7: IMPAWATT tool for assessing GHGs
- LCM Part 8: Environmental labels and product declarations
- LCM Part 9: Life cycle cost assessment
- LCM Part 10: Sustainability indicators

The final package is divided into 4 parts according to the four topics as in factsheets. Each presentation can be presented alone, which is why some slides overlap:

- Package 1 includes LCM parts 1-7 (altogether 38 slides)

- Package 2 includes LCM parts 1 and 8 (altogether 14 slides)
- Package 3 includes LCM parts 9 (altogether 16 slides)
- Package 4 include LCM parts 1 and 10 (altogether 9 slides)

The English versions of the information packages are translated into Finnish, German, French and Italian. The national versions were completed with relevant national information about information sources, tools, databases and service providers.

In addition to short versions, a longer information package including all LCM Part 1 - 10 was prepared.

A multiple-choice questionnaire for company employees was prepared as well to support them to know how they have adopted the LCM information. The questions are organised in accordance with the topics 1 - 4 and those include in average six multiple-choice questions for each topic.

The result of the work is a consistent package of high-quality presentations, factsheets and questionnaire that can easily be delivered to different target groups in a company.

3 Documents library

All documents are translated in French, German and Italian. Only selected documents are translated in Finnish, since original English versions are suitable for the use with Finnish companies.

They are available on the national IMPAWATT platforms:

EU central platform: <https://eu.impawatt.com/>

Austria: <https://at.impawatt.com/>

Germany: <https://de.impawatt.com/>

Finland: <https://fi.impawatt.com/>

France: <https://fr.impawatt.com/>

Italy: <https://it.impawatt.com/>

Switzerland: <https://fr.impawatt.com/>

The following table give links to directly access to one specific document:

IMPAWATT

**Documents on national platforms
Translations and/or adaptation to national context**

Del no	Doc no	Document name	Document Type	File Type	EU (Basis) English	Finland Finnsh/English	France French	Switzerland French	Germany German	Austria German	Italy Italian
1	D4.2	1	LCM and sustainability background information	Presentation	Ppt	https://eu.impawatt.com/searchMeasures/show/aIXRpKCBfuuhODysz2fVlugl2CO%3D	https://fi.impawatt.com/searchMeasures/show/ah042LPtlu3u_gflLNVSFC-bjW4%3D		https://ch.impawatt.com/searchMeasures/show/ETyCYMMPk61mThKCFwXx1_GSG0%3D	https://at.impawatt.com/searchMeasures/show/HX_dPaPw6CqJgTmT2sGfq3gQ6C0%3D	https://it.impawatt.com/searchMeasures/show/OAXov8B6i71Dv6kz87IUst4W00%3D
2	D4.2	2.1	LCM -Topic 1 Life cycle assessment	Presentation	Ppt	https://eu.impawatt.com/searchMeasures/show/37VX0zR3uo1cXeQHivluHqmh-Ps%3D	https://fi.impawatt.com/searchMeasures/show/HltQk18pSnoDZRHBP8EeDKr3y54%3D		https://ch.impawatt.com/searchMeasures/show/5zCd2JrLAgHMCyXRNEQbuQExbk%3D	https://at.impawatt.com/searchMeasures/show/BYPwWlQI-M23r1Q6-DBSzwWmsCO%3D	https://it.impawatt.com/searchMeasures/show/pscvQA3%3D
3	D4.2	2.2	LCM - Topic 2 Environmental labels and declarations	Presentation	Ppt	https://eu.impawatt.com/searchMeasures/show/gN5vHLqEgDFXs-9GaZLVO4INJieU%3D	https://fi.impawatt.com/searchMeasures/show/H4XXLYXD6ozPdZK6NgAmp14vQk%3D		https://ch.impawatt.com/searchMeasures/show/6t8mq8U8On_9Jh7Sj2mMP1D46bgw%3D	https://at.impawatt.com/searchMeasures/show/RrO9W-fuHx2MRqjMjhbVbZw90c%3D	https://it.impawatt.com/searchMeasures/show/JgXexqGS4xhMnQek7f0HbTgMfrq%3D
4	D4.2	2.3	LCM - Topic 3 Life cycle cost assessment	Presentation	Ppt	https://eu.impawatt.com/searchMeasures/show/rfStoCjbbnt-kHEcWKEDurYgOp0%3D	https://fi.impawatt.com/searchMeasures/show/jpXXhDPJ9IuHwnfrlHc5GhkSbm0%3D		https://ch.impawatt.com/searchMeasures/show/tfc8gYfk7Zr_AvU3zM9ISRWkT58%3D	https://at.impawatt.com/searchMeasures/show/pA5LWoF3S5rF6cUP3pzVrnDb2rl%3D	https://it.impawatt.com/searchMeasures/show/8IQiosx6wla-smgGBxMJ4OJEEU%3D
5	D4.2	2.4	LCM- Topic 4 Sustainability indicator	Presentation	Ppt	https://eu.impawatt.com/searchMeasures/show/iiQL9f9Fab3HRIDrldjX8gHW8%3D	https://fi.impawatt.com/searchMeasures/show/CUVVbDmZQXPVpAgz3gsH1JlVjzQ%3D		https://ch.impawatt.com/searchMeasures/show/aA9cJ6jgmE0pHapAfrb9cynlRC8%3D	https://at.impawatt.com/searchMeasures/show/Y6S5aFWWHVujKqVNUamK1kGgt9A%3D	https://it.impawatt.com/searchMeasures/show/BzPVyL7Np6FCIKxI661XuRn0ZU%3D
6	D4.2	2.1.1	Factsheet - Topic1 Life cycle assment	Factsheet	Word	https://eu.impawatt.com/searchMeasures/show/zQPC8hmTIFgvZYnf0h2SJMqng%3D	https://fi.impawatt.com/searchMeasures/show/GerPFK6FHfje_FMz3fkVAHXJHo%3D		https://ch.impawatt.com/searchMeasures/show/wmMCZszV4IzYb0UUXu4BBIG-c3g%3D	https://at.impawatt.com/searchMeasures/show/a5vTg2j1cArbK3wUOu5bfVjY2Y%3D	https://it.impawatt.com/searchMeasures/show/TABCL1NvQIVXhUr0EgCqKcAJU%3D
7	D4.2	2.2.1	Factsheet -Topic 2 Environmental labels and declarations	Factsheet	Word	https://eu.impawatt.com/searchMeasures/show/zctfU332KN -iHy-MveAzs2COTw%3D	https://fi.impawatt.com/searchMeasures/show/GTEJM7HBoWRQu44tBcfMbbvq8UU%3D		https://ch.impawatt.com/searchMeasures/show/1wwqSE0nngGPMRjduVkr83A6Y0%3D	https://at.impawatt.com/searchMeasures/show/lPajF5MP5PuPVRMDasUAlzIPiDs%3D	https://it.impawatt.com/searchMeasures/show/nsizLyFEk7Mu6d-v61PY255nDx0%3D
8	D4.2	2.3.1	Factsheet - Topic 3 Life cycle cost assessment	Factsheet	Word	https://eu.impawatt.com/searchMeasures/show/6R6m67pUwWb3lfr6_z6pgABLUk%3D	https://fi.impawatt.com/searchMeasures/show/RlkkQFZD4iecdPihvVf3zmEW_g%3D		https://ch.impawatt.com/searchMeasures/show/TFBwBG55-c9IbVrdAELez-FBFpU%3D	https://at.impawatt.com/searchMeasures/show/Qxa1MYOCvOBsGkFMrHNqWNLgAmU%3D	https://it.impawatt.com/searchMeasures/show/TLRc8ZvAluo0NPMMDIE2tNmWpY%3D
9	D4.2	2.4.1	Factsheet - Topic 4 Sustainability indicators	Factsheet	Word	https://eu.impawatt.com/searchMeasures/show/4HDemJRHqKYfxQwmYJMRcvXGIo%3D	https://fi.impawatt.com/searchMeasures/show/OKEUgP -lc6AsIbPl-8hOJTUWg%3D		https://ch.impawatt.com/searchMeasures/show/vLBUhsiluzonncj6SfBG2S2Sws%3D	https://at.impawatt.com/searchMeasures/show/OSga0euvAz8CF2LkrE8Ktd_Qdyw%3D	https://it.impawatt.com/searchMeasures/show/DU9WRH1G6TajYpYPCHe4K8hWMM%3D
10	D4.2	2.0.0	Quiz on LCM and LCA 4 topics)	Quiz	Pdf	https://eu.impawatt.com/searchMeasures/show/0loqS7wTLRII3XWVvOEXUinN7Qg%3D	https://fi.impawatt.com/searchMeasures/show/netuQ5QuOP1ajJReVHs4ymyI9EM%3D		https://ch.impawatt.com/searchMeasures/show/UPADviWY20W3fwtetobiyHJIATr%3D	https://at.impawatt.com/searchMeasures/show/5jpvHPe3pE5qblKKJLoLlIBNJO%3D	https://it.impawatt.com/searchMeasures/show/VtdZGrAqBhUxbDa5EJYcVw-4g%3D