

Supportive tools, exams and M&V plans for cross-sectoral technologies

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1 Executive summary

Within IMPAWATT, for 14 cross-sectoral technologies data collection sheets and checklists for walk through audits, and a quiz were developed.

These documents are intended for energy managers and technical staff of companies of the industrial and service sector but can also be used by energy auditors.

The checklists help the energy managers to check the most important points of the relevant system during a walk-through audit to find out options for improvement.

The data collection sheets support the technical personal of the company to collect the most important data of their systems for further investigation. A quiz was established for testing the knowledge of the target group in a playfully manner.

In order to show the target group, how the results of implemented measures can be verified, M&V plans (based on IPMVP and/or ISO 50015) are provided for most of the technologies.

For the following 14 systems a data collection sheet, a checklist for walk-through audits and a quiz were established:

- Energy management
- Pumps
- Compressed Air
- Fans, HVAC
- Cooling systems
- Office
- Heating of buildings & envelop
- Lighting systems
- Industrial heating
- Steam
- Waste heat recovery, heat pumps
- Insulation of pipes, heat distribution
- Mobility
- Renewables

In addition, a separate document described 23 measurement and verification plans for different technologies.

2 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/>

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

34	D 2.3	5.4	Data collection sheet insulation pipes, heat distribution	Tool	pdf	https://eu.impawatt.com/searchMeasures/show/wtwp_Fbpi1C0zVOE18keoC9EYg%3D%3D	https://fi.impawatt.com/searchMeasures/show/EdRO1_a0LcD_6wx8D8M4TOtwkk%3D	https://fr.impawatt.com/searchMeasures/show/dD58FJHSH9g386mkWuaUuQJpe0k%3D	https://ch.impawatt.com/searchMeasures/show/loil9-f_qONfN16zMYjbcHuvhU%3D	https://de.impawatt.com/searchMeasures/show/bNWgrdHDV15whfQD18a8L-x6k%3D	https://at.impawatt.com/searchMeasures/show/pt81ID14pPLTYkQSDpRaymng%3D	https://it.impawatt.com/searchMeasures/show/V-PuiH5oAvGNvIAd0bTwCbbElEG0%3D
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