

From Audit to Investment:

Aligning Technical Outputs with Financial Uptake

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Overview of current Energy Audit Framework



Obligated Enterprises



Non-Obligated
Enterprises



Supporting Projects

Data Collection



Challenges:

Enterprises submitted energy audits for compliance purposes often lacking key information



Solution:

Increase the involvement of the energy auditor and streamline data collection process as much as possible

Energy Audit Summary Template

Company data

- Number of employees
- Gross area of facility
- Gross conditioned area

Energy Consumption

- Electricity consumption by end-use
- Fuel consumption by fuel type and end-use
- Renewable energy data (if applicable)

Water Consumption

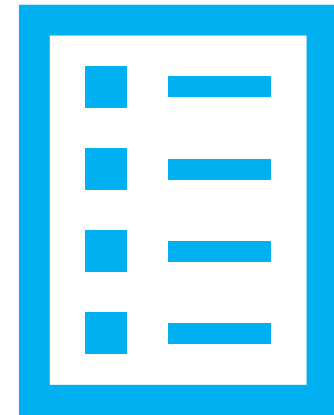
- Water consumption by type (kitchens, irrigation, wash hand basins etc.
- Storm water reservoirs
- RO Water (own production) and/or water bowser supplies
- Recycled Water

Energy/ Water Savings Achieved

- Description of measure/s
- Capital cost of measure/s
- Energy and cost savings achieved

Supporting Documentation

- The Energy and Water Agency (EWA) publishes:
 - Auditor Guidelines
 - Petroleum Products Information Sheet
 - End-uses Sheet
 - Guide for Compressed Air Systems
 - Energy Audit Guide



Benefits of the Summary Template



Summarizes key outcomes

Provides an overview of key energy audit results in a structured manner



Enhances consistency and comparability of information

Information is received in the same structure and enabling easier comparison



Concise illustrates complex technical data

Decision-makers can quickly grasp key information (such as costs, overall savings and payback periods)



Streamlines the audit process for the energy auditor

Serves as a checklist to ensure that key information is not omitted

State of Play



All enterprises are encouraged to implement the recommended measures



Enterprises may use information included in the summary template to apply for funding schemes to implement the recommended measures



In the case of non-obligated enterprises, a meeting is held between the enterprise, energy auditor and the Energy and Water Agency (EWA)



EWA also supports enterprises in applying for existing funding schemes

Conclusions



EWA provides comprehensive support to non-obligated enterprises undertaking an energy audit ensuring energy audit results are well understood



EWA assists in bridging the gap between all stakeholders resulting in a streamlined approach for enterprises to apply for funding and implement the recommended energy efficiency measures



Obligated enterprises typically have knowledgeable personnel overseeing the energy audit process



Positive feedback was received on the summary template and supporting documentation

Thank you for your attention!

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