

Energy Audits DK

Special cases

Background

Traditionally, audits focus on energy intensive industry on a voluntary basis.

Challenges arouse in several sectors

- Shipping
- Construction companies (sites exempted)
- Owner/rental
- Road and air transport

Shipping

Early on we worked together with the Danish Shipowners Association to agree on guidelines that built on IMO requirements on EE and that don't lead to shipowners changing flags outside of DK. Main elements:

- Proof of SEEMPS (Or ISO 50001 cert)
- The company holding a Document of Compliance (DOC under the ISM Code)

Other transport

This has been the most difficult area, both in terms of external auditors and guidelines.

Road:

Recognition of voluntary CO₂ road transport certification (ministry of transport)

Air:

No specific guidelines. Difficulties include which flights are to be included in audits. Common guidelines are needed.

Construction

Construction sites are exempted, but companies are not. Main challenge: it is impossible to measure EE of off-road equipment. Solution:

- Audits to be based on producer info for construction equipments
- Leasing companies to include EE in voluntary certification scheme.

Remaining: mobile site units.

Rentals

Together with the building owners unions:

- Building owners are responsible for EE building certificates or audits based on the same system.
- Renters are responsible for energy use they can influence
 - Not all uses are metered individually (shopping malls, office space)

Lessons learned

- It has been helpful to work closely with industrial representatives.
- Good to base audits on existing schemes where possible.
- International transport should be more harmonized via guidelines.

More information

Our regulation on energy audits in English and guidelines for shipping can be found here:

- <https://ens.dk/ansvarsomraader/energibesparelser/virksomheder/energisynd-i-store-virksomheder>
- Or write to: energisynd@ens.dk