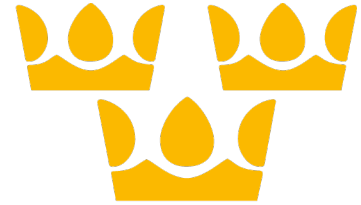


SWEDAC



Styrelsen för ackreditering och teknisk kontroll
Swedish Board for Accreditation and Conformity Assessment

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Conformity Assessment in Circular Economy - Today and in the future

Magnus Pedersen

Conformity assessment used in the right way can be an enabler for future trustworthiness in circular economy !!



Agenda

- Conformity assessment
- Example from today
- Driving force for circular economy
- Use standards and focus on the object
- Conformity assessment enables and Standards can be a catalyst



Conformity assessment



- Accredited:
- Verification body
 - Laboratory
 - Certification body
 - Inspection body

Furniture and Furniture with electric motor

- Second-hand sale in existing condition
- Repair or renovation
- Remanufacturing
- Product as a service

- Legislation is:
 - not adapted to the different strategies that a circular economy entails
 - difficult to interpret, as it involves many directives and laws which are not synchronized
 - ambiguous as to what may or may not be done and still fulfil legislation

[Read more: Rise Vinnova project](#)

Driving force for circular economy

- Laws and regulations
- Public procurement
- The market:
 - Initiative for marking
 - Private initiatives



Use of standards and focus on the object

- Object for conformity assessment:
 - entity to which specified requirements apply
 - Example: Product, process, service, system, installation, project, data, design, material, claim, person, body or organization.

- When develop new/updated standards:
 - Specify objects for which **requirement** shall be determined
 - Produce **standards** possible to use for conformity assessment activities (for example **testing, inspection, certification, and verification**)
 - Voluntary **guidance standards** to support the use of standards with requirements.

Enabling and a catalyst

“Conformity assessment used in the right way can be an enabler for future trustworthiness in circular economy !!”

- Standards and conformity assessment are linked together
- Conformity assessment enables trust and standards can be a catalyst
- Authorities, customers and people wants that a product/service fulfils requirement
- Develop standards with focus on the object for conformity to standardise
- Use conformity assessment procedures with accredited laboratories, inspection bodies, certification bodies or verification bodies to confirm that requirements are fulfilled
- **Verification of claims/reports** by accredited verification body (**according ISO/IEC 17029**) will be very useful in future sustainability issues and requirements for circular economy.

Thank you

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