



Management Service

"Chemical Leasing and Cleaner Production"

**Quality assurance and Certification
of Chemical Leasing business models**

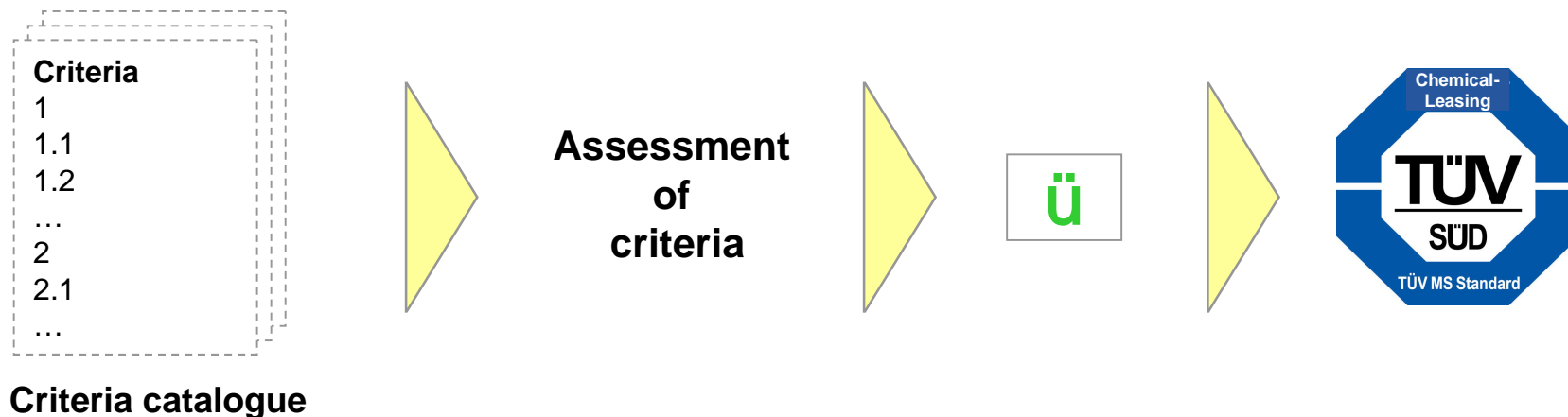
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Certification Process

- A certificate is issued following assessment by a third-party organization
- Ecological benefits must be given
- Responsibilities (risk management) must be clearly defined
- National and international standards must be used as far as available and suitable



The auditing and certification process

- A certificate is issued following assessment by a third-party organization

Year 1	Year 2	Year 3	Year 4
Certification Audit Process	Surveillance Audit Process	Surveillance Audit Process	Re-Certification Audit Process
First on-site-assessment of criteria	Reduced on-site-assessment of criteria	Reduced on-site-assessment of criteria	Full on-site-assessment of criteria
Reporting	Reporting	Reporting	Reporting
Certificate	Confirmation of validity of Certificate	Confirmation of validity of Certificate	Renewal of Certificate

Chemical Suppliers – Chemical Users



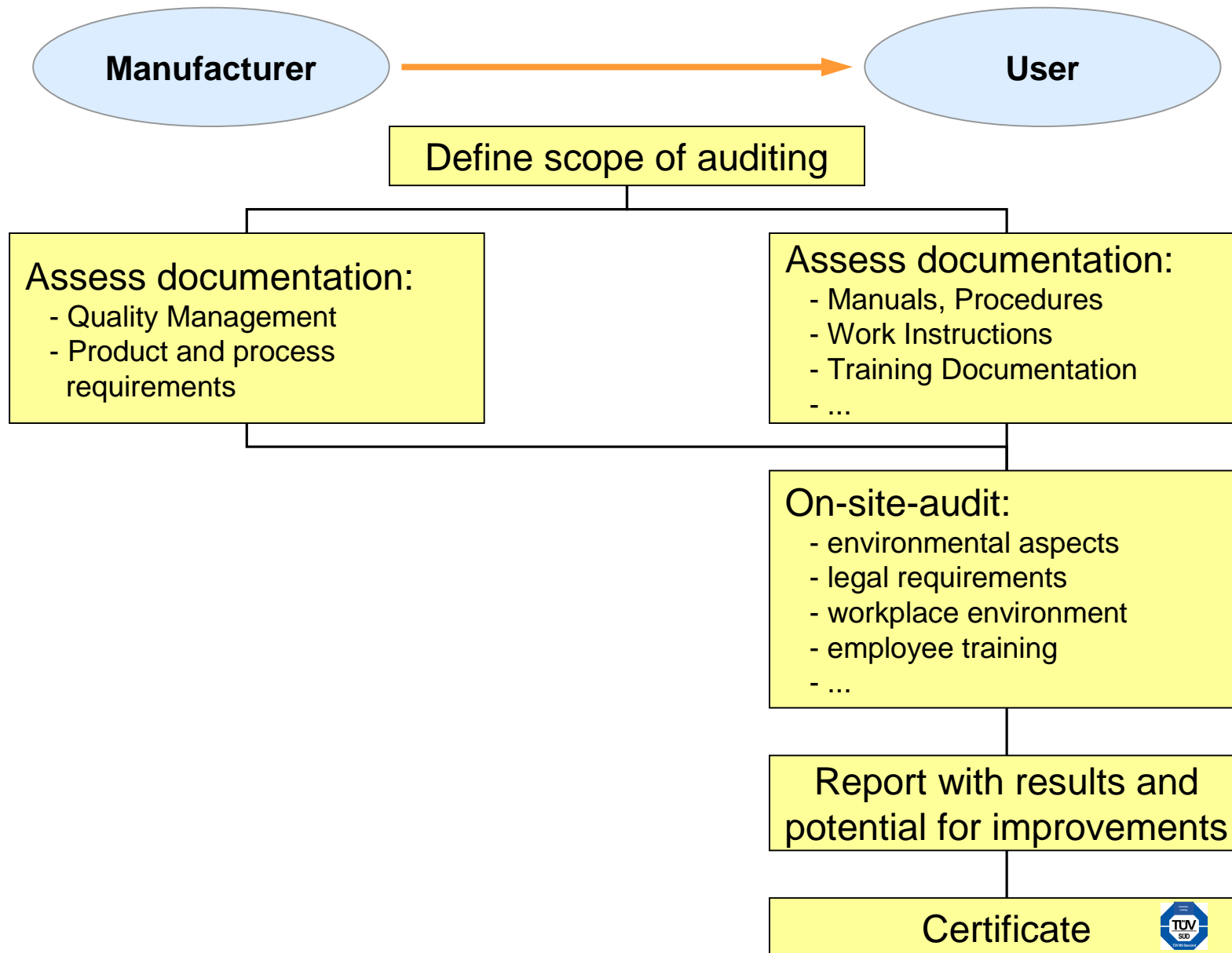
- QM (e.g. ISO 9001)
 - EM (e.g. ISO 14001)
 - OHS (e.g. ILO, OHSAS, SCC)
 - Product specifications
 - Material safety data sheets
 - Standard operating procedures (SOPs) for the handling of chemicals
 - Safe transport (dangerous goods management)
- ü

- Employee training
 - Workplace environment
 - Preventive action
 - Emergency preparedness and response
 - Validation of product requirements
 - Environmental aspects
 - Legal and statutory requirements
 - Monitoring and measuring
- ü

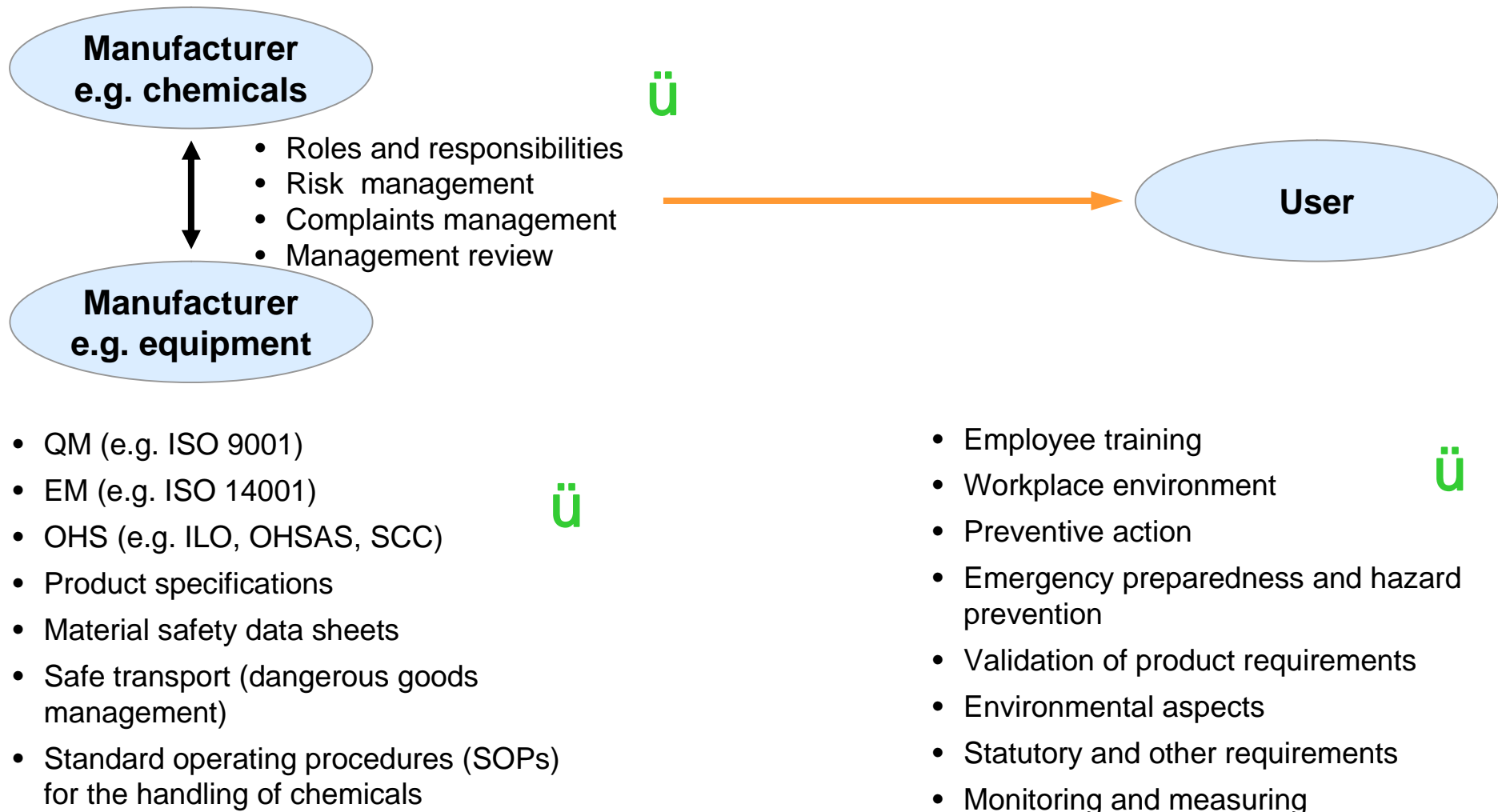
Chemical Leasing and Cleaner Production



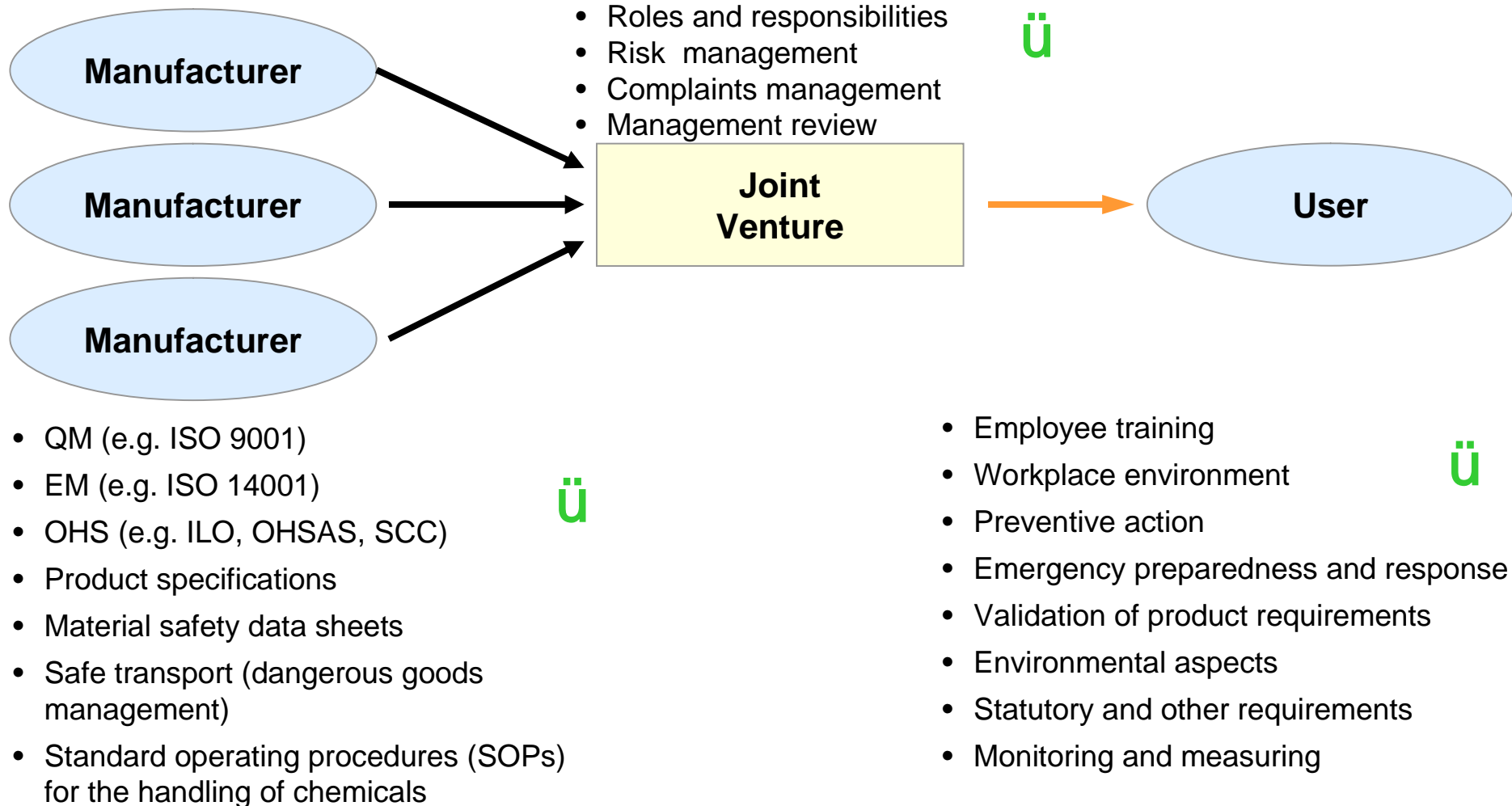
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Chemical Suppliers – Equipment Suppliers



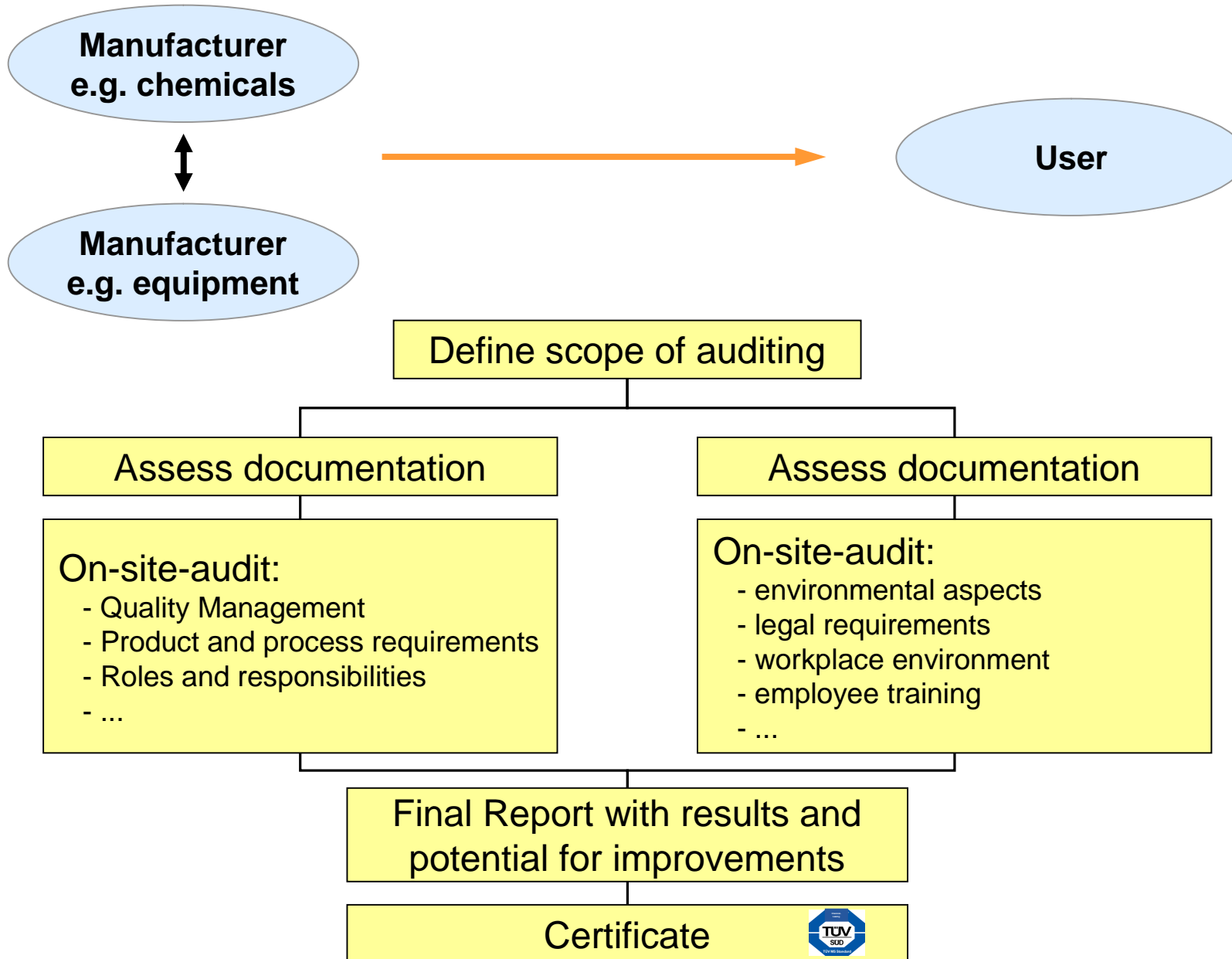
Equipment Suppliers – Chemical Users



Chemical Leasing and Cleaner Production



Management Service





Minimum requirements for chemical leasing:

- ü **Compliance with the requirements defined by the state of the art and special specifications**
- ü **Guarantee of safe and ecological operation of the installation**
- ü **Fair consideration of the interests of both partners.**

Quality assurance ensures

- ü **process and product safety**
- ü **observance of ecological standards and applicable limits as minimum requirements**
- ü **clear responsibilities**
- ü **availability of a suitable risk management**
- ü **an effective, lived and breathed continuous improvement process (CIP).**

à Optimum satisfaction of the needs of all partners