

Tank Cleaning as an important Element in the modern Logistic of Tank Transport under the aspect of



The meaning of responsible care is

- **Social responsibility**
- **Product responsibility**
- **International responsibility**
- **Steady Dialog**
- **Added Value Chain**



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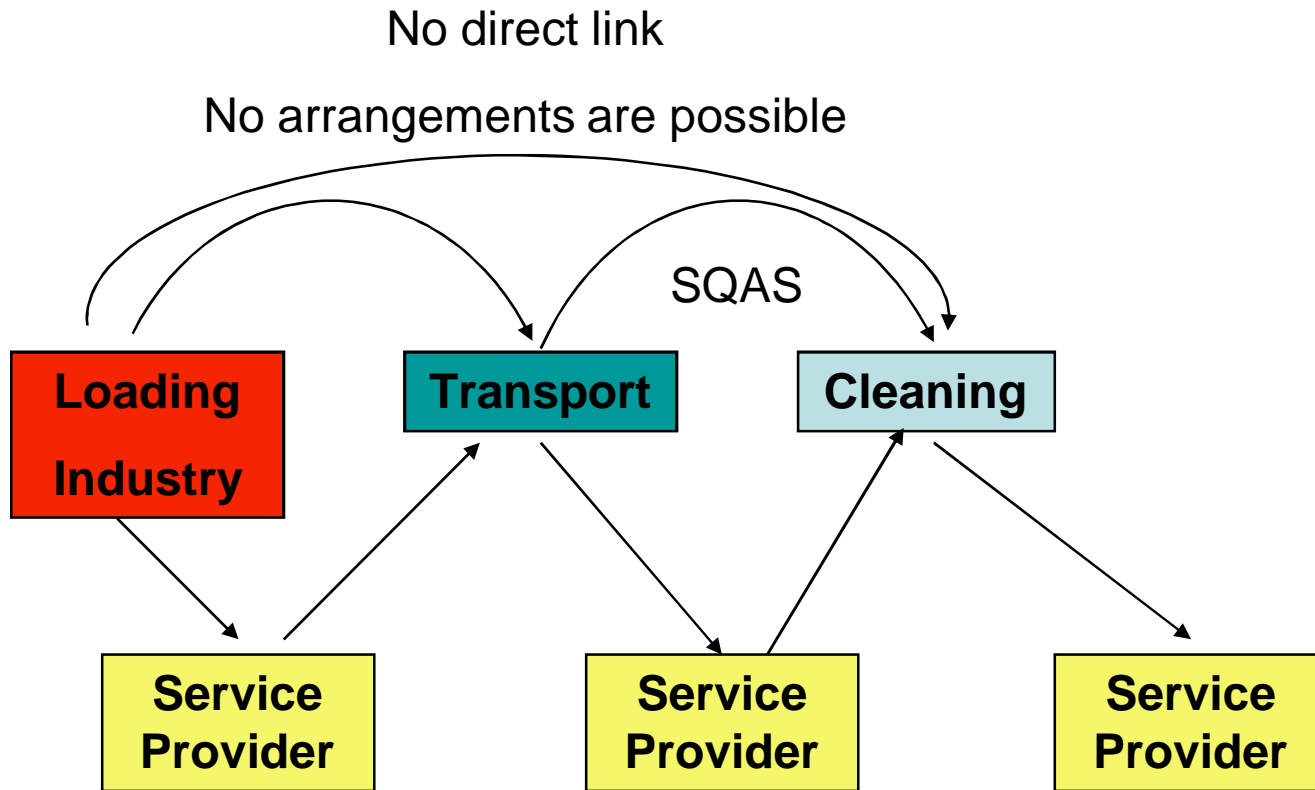


The Tank Cleaning stations in Europe as a member of EFTCO are aware of

- **Knowledge and Understanding by handling chemical products**
- **Knowledge and Understanding as a part of the Supply Chain**
- **Steady Dialog between the partners to understand the needs**
- **Steady Developments to be accepted as a serious partner**



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SQAS

ECD

Sustainable Development

15 European members

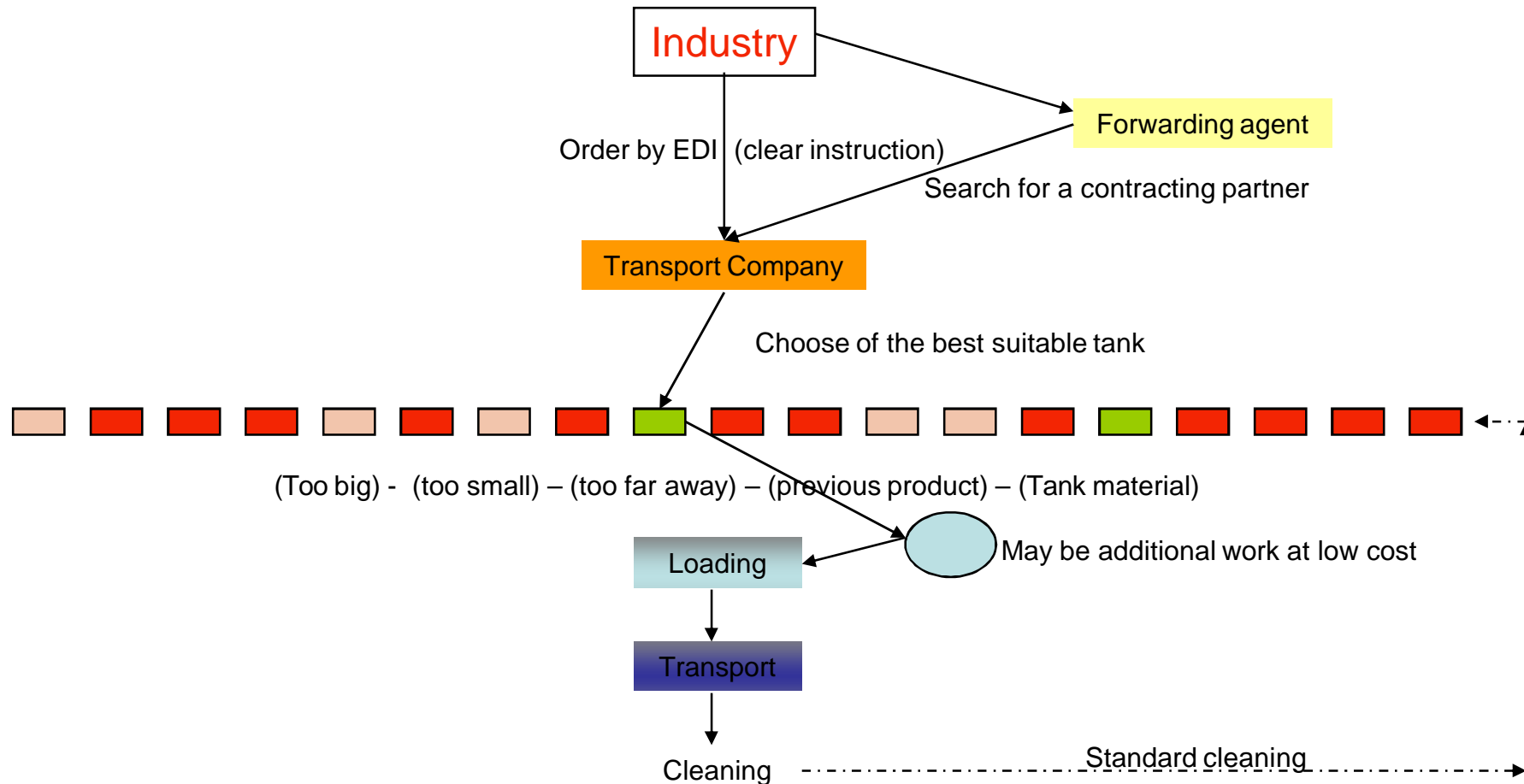
90 % European
Cleaning stations



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The cleaning of a tank is always combined with the next load. This is not correct. The cleaning is just the end of a logistic process.



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What do we have to do in the future under the aspect of responsible care?

- Round off important Elements between Cleaning and Transport.
- Make the cleaning business a bit saver. What can we do?
- The results shall bring effects and acceptance.



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Minimum Requirements

Technologie:

Permission of local authorities

ATEX directives



Air pollution Control

Regulation of safe operation

Maintenance planning

Danger Analysis

Accident prevention

Operation instructions

Management:

Regulation of safe operation

SQAS

ISO

QM

National Association

Good Service provider

Equipment:

Regulation of safe operation

ATEX Document

Accident prevention

Personal protection equipment

Method:

Regulation of safe operation

Product Database

eCD

National criterions

International criterions

Material:

Good service provider

specialized knowledge

EFTCO (work out Guidelines for production of Transport Tanks)

Human aspect:

Regulation of safe operation

Education (national association or EFTCO)

Experts Safe Operations

Prevention of water pollution (representative)

Waste representative

Product database

Good service provider



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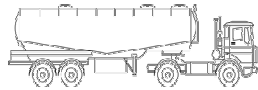


EFTCO® www.eftco.org		European Cleaning Document® unique numbering		national logo tank cleaning association	
1					
2 Customer reference number*			3 Serial number		
4 Customer			5 Identification numbers Vehicle Tank, Container		
6 Nature of product*			7 Next Load*		
8 Previous load Comp. UN N° Name		9 Cleaning Procedures EFTCO Code / Description*			
10 Additional Services					
11 Comments					
12 Name cleanser*			13 Time In* Time Out		
The cleaning station and the driver confirm that the above service(s) to clean the tank have been carried out (see EFTCO definition of 'clean').					
14 Cleaning Station Name Signature			15 Driver* Name Signature		

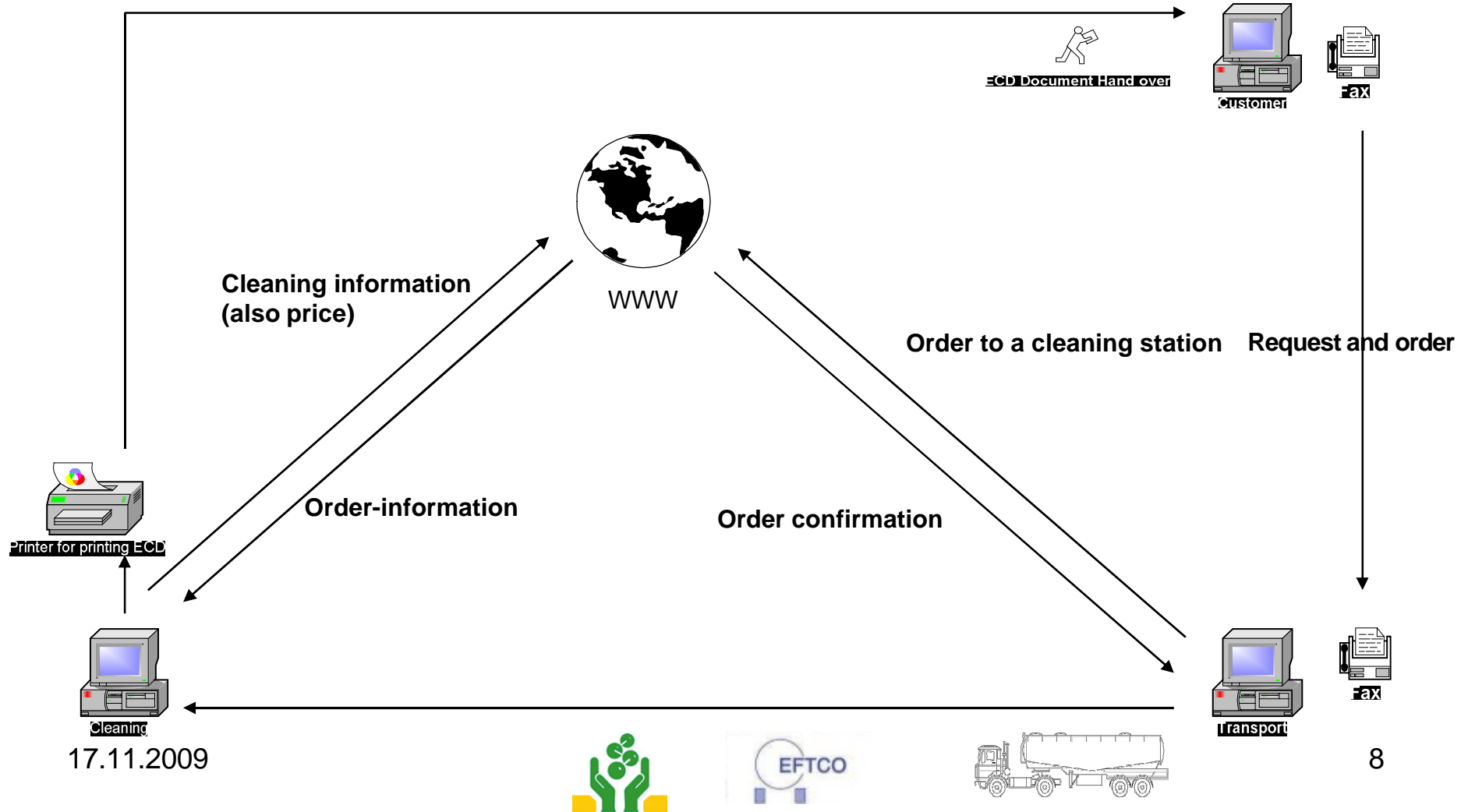
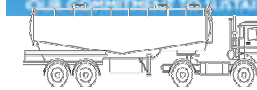
17.11.2009



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e CD



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Advantages

- Reduction of language problems
- Driver will win time
- Certainty of law will rise
- Better planning of the Personal in the Cleaning station.
- Order will appear automatically to avoid problems by typing an order in.
- Less Telephone calls. (What are the waiting times actually?)
- Better processes by knowing earlier the costs.
- Will document the trustful partnership.

