

# Cefic Transport & Logistics Safety és SQAS 2025



MAVESZ – Vegyipari Logisztikai Konferencia 2025

Elek Imre

Transport & Logistics Safety Manager



# CEFIC's transport & logistics safety management

## Network of experts transport & logistics safety

- Accountability, leadership
- 46 member companies / associations / sector groups
- **100+ experts**

## Industry Guidelines

- **37 Transport & Logistics guidelines**
- Priorities defined by members
- <https://cefic.org/guidance/transport-and-logistics/>

## Safety performance management, incident reporting

- Define and monitor leading KPI's on sector safety performance and progress
- Define, share & implement lessons learnt from incidents

## Dangerous Goods Transport Regulation

- Participation in relevant **UNECE, IMO, ICAO, EU and OPCW** committees and meetings

## Risk Assessment & Management

- Development and implementation of prevention & mitigation measures : guidelines, digitalisation

## Emergency Response & Mitigation (ICE – ERICARDS)

- Provide ICE scheme (+MAR-ICE)
- Clear lines of communication & effective support during incidents
- **DG ECHO** and **EMSA** Collaboration
- [www.ice-chem.org](http://www.ice-chem.org) [www.ericards.net](http://www.ericards.net)

## Logistics Service Provider Management (SQAS)

- Assessment of logistics service providers on safety, quality, security, environment, CSR
- Include emissions & pollution, plastic pellets (OCS), digitalization, Tfs, and cybersecurity
- [www.sqas.org](http://www.sqas.org)



# Dangerous Goods Transport Regulation advocacy

UNECE, OTIF



IMO – International Maritime Organization



EU Commission (DG MOVE)



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT

- Landsec – Railsec
- Expert Group on Transport of Dangerous Goods

ICAO – Dangerous Goods Panel



OPCW



Indicative Guidelines for Safe and Secure Transport of Hazardous Chemicals by Road



UN Economic and Social Council

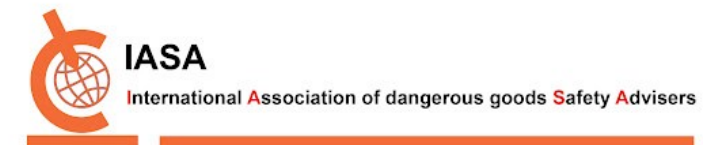


ICCA – International Council of Chemical Associations + National Chemical Associations





# Partner Organizations (Transport & Logistics Safety)



# Recent issues

## UN TDG:

- Working Group on Energetics: Koenen test specifications, [Energetic samples](#), [Organic Peroxides](#), [Polymerizing Substance](#), Hermetically sealed packagings, [Alternative polyethylene foam for transport of energetic samples](#)
- [Isocyanates](#)
- Vanadium Pentoxide classification
- [Metal packaging requirements for organic peroxides and self-reactive substances](#)
- New identification system – Lithium cells and batteries

## ADR/RID

- [Dual approval ban \(ch. 6.7, 6.8\)](#)
- Empty, uncleaned packagings for disposal
- “Last mile delivery”
- New training requirements according to chapter 1.3
- BLEVE Working Group activities
- Alternative fuel vehicles
- [Dangerous goods in machinery, apparatus or articles](#)



# Recent issues

## ADN:

- Drainage of loading arms and cargo hoses
- Pressure alarms on Type-C and Type-N vessels
- Sampling provisions for Phenol and substances with similar properties
- ADN Checklist
- Autonomous and alternative fuel vessels
- Butadiene classification

## IMO:

- Plastic pellets
- Tank filling certificate
- Charcoal
- Autonomous and alternative fuel vessels
- Introduce bulk cargo identification numbers in the IMSBC Code
- maximum degree of filling in portable tanks for liquid marine pollutants under generic and not otherwise specified (N.O.S.) entries

## IATA-DGR

- State variation RAG-01
- State variation BRG-05



# CEFIC's transport & logistics safety management

## Network of experts transport & logistics safety

- Accountability, leadership
- 46 member companies / associations / sector groups
- **100+ experts**

## Industry Guidelines

- **37 Transport & Logistics guidelines**
- Priorities defined by members
- <https://cefic.org/guidance/transport-and-logistics/>

## Safety performance management, incident reporting

- Define and monitor leading KPI's on sector safety performance and progress
- Define, share & implement lessons learnt from incidents

## Dangerous Goods Transport Regulation

- Participation in relevant **UNECE, IMO, ICAO, EU and OPCW** committees and meetings

## Risk Assessment & Management

- Development and implementation of prevention & mitigation measures : guidelines, digitalization.

## Emergency Response & Mitigation (ICE – ERICARDS)

- Provide ICE scheme (+MAR-ICE)
- Clear lines of communication & effective support during incidents
- **DG ECHO** and **EMSA** Collaboration
- [www.ice-chem.org](http://www.ice-chem.org) [www.ericards.net](http://www.ericards.net)

## Logistics Service Provider Management (SQAS)

- Assessment of logistics service providers on safety, quality, security, environment, CSR
- Include emissions & pollution, plastic pellets (OCS), digitalization, Tfs, and cybersecurity
- [www.sqas.org](http://www.sqas.org)



# 2024 UPDATES



## Best Practice Guidelines for the Cleaning of dry bulk polymer transport tanks



ISSUE 5 – November 2024



## BEST PRACTICE GUIDELINES FOR THE SAFE WORKING AT HEIGHT IN THE CHEMICAL LOGISTICS SUPPLY CHAIN

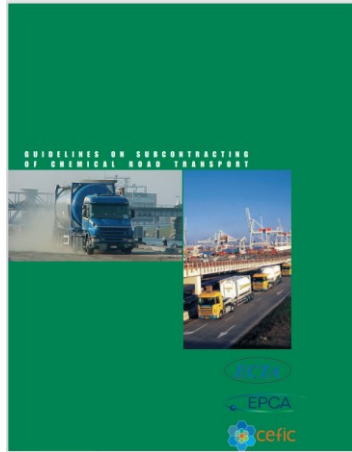


## GUIDELINES FOR TRANSPORTATION SECURITY



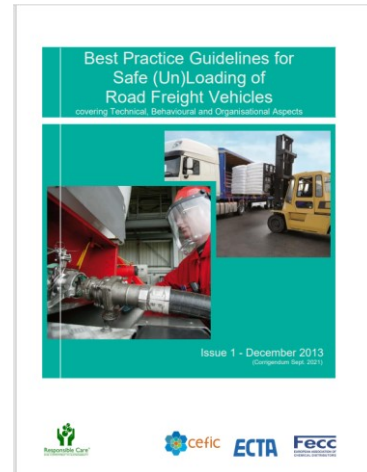


2025



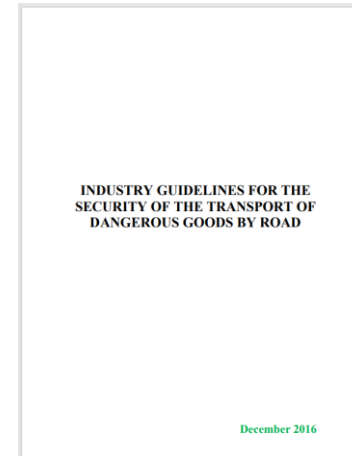
Cefic/Ecta Guideline on Subcontracting of Chemical Road Transport.

Roll out in Q3 2025



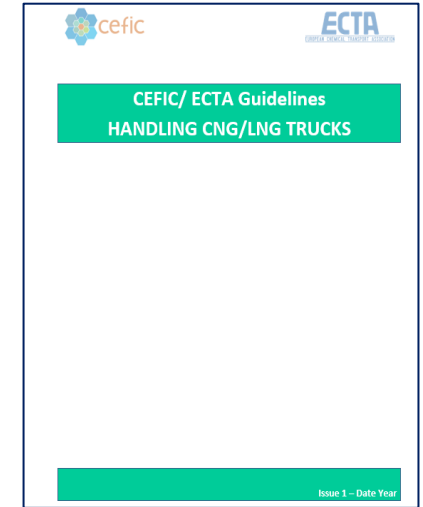
Cefic/Ecta Guidelines for safe (un)loading road freight vehicles;

Roll out in Q4 2025



Industry Guideline for the security of the transport of dangerous goods by road ;

Roll out in Q4 2025



Cefic/Ecta Guideline Handling alternative fuels trucks first issue

GHG Emission measuring guideline: final phase -> Roll out in Q2 2025



# UPDATE PRIORITY MATRIX

	title	code	high	low	no re	remo ve	answ err	% high	weigh ted high
	Best Practice Guidelines for the Safe Working at Height in the Chemical Logistics Supply Chain	Q_19	11	3	5		19	58%	69
	Guidelines for Transportation Security	Q_04	11	3		2	16	69%	58
	Best Practice Guidelines for Safe (Un)Loading of Road Freight Vehicles	Q_22	7	4	7		18	39%	41
	Guidance on risks and precautions to be considered for bulk liquid loading and unloading operations in road transport	Q_09	8	2	2	2	14	57%	37
	ICE - Distribution Emergency Response Guidelines for use by the chemical industry	Q_12	6	7	2		15	40%	30
	LNG and CNG fuelled trucks	Q_24	7	4			11	64%	25
	Recommendations on how to manage driver shortages in European chemical transport	Q_07	7	3		1	11	64%	25
	Guidance on Safety Risk Assessment for Chemical Transport Operations	Q_20	4	8	5	1	18	22%	24
	Guidelines on Subcontracting of Chemical Road Transport	Q_05	5	6	2		13	38%	21
	Guidelines for Transport Equipment used for Chemical Packed Cargo	Q_11	5	5	2		12	42%	20
	Filling and discharging of rail tank-wagons - Four checklists to avoid leaks with liquids	Q_18	4	7	4		15	27%	20
	How to reduce time spent by drivers on site and improve their treatment	Q_10	4	7	2	1	14	29%	18
	Behaviour Based Safety Guidelines for Training of Drivers and Safe Driving of Road Freight Vehicles	Q_21	3	9	6		18	17%	18
	Recommendations on Safety, Health and Environmental Management Practices for Logistics Service Providers	Q_01	4	6		2	12	33%	16
	Guidelines for Safety Awareness and Behaviour in the Supply Chain	Q_02	3	7	1	3	14	21%	14
	Guidance on how to use the Site (Un)Loading Information Document SULID	Q_14	3	7	3		13	23%	13
	Transperanto, a common transport language (website)	Q_16	3	3	7		13	23%	13
	Guidelines for measuring and managing CO2 emissions from transport operations	Q_13	3	5	4		12	25%	12
	Best Practice Guidelines for Safe tipping of Silo trucks/ Trailers Silo Containers and bag-in-box containers	Q_23	3	3	5	1	12	25%	12
	Guidance on Good Practices for Ship Vetting	Q_15	3	2	2	2	9	33%	9
	Equipment for the transport of dry bulk cargo, to be discharged by tipping	Q_08	1	4	3	3	11	9%	4
	Guidelines for 16 Hours Operation	Q_03	1	3		3	7	14%	2
	Guidance for Transporting Ammonia by Rail	Q_06		4		1	5	0%	0
	Safety advice for storage and handling of anhydrous titanium tetrachloride	Q_17		1	1		2	0%	0



# CEFIC's transport & logistics safety management

## Network of experts transport & logistics safety

- Accountability, leadership
- 46 member companies / associations / sector groups
- **100+ experts**

## Industry Guidelines

- **37 Transport & Logistics guidelines**
- Priorities defined by Members
- <https://cefic.org/guidance/transport-and-logistics/>

## Safety performance management, incident reporting

- Define and monitor leading KPI's on sector safety performance and progress
- Define, share & implement lessons learnt from incidents

## Dangerous Goods Transport Regulation

- Participation in relevant **UNECE, IMO, ICAO, EU and OPCW** committees and meetings

## Risk Assessment & Management

- Development and implementation of prevention & mitigation measures: guidelines, digitalization

## Emergency Response & Mitigation (ICE – ERICARDS)

- Provide ICE scheme (+MAR-ICE)
- Clear lines of communication & effective support during incidents
- **DG ECHO** and **EMSA** Collaboration
- [www.ice-chem.org](http://www.ice-chem.org) ; [www.ericards.net](http://www.ericards.net)

## Logistics Service Provider Management (SQAS)

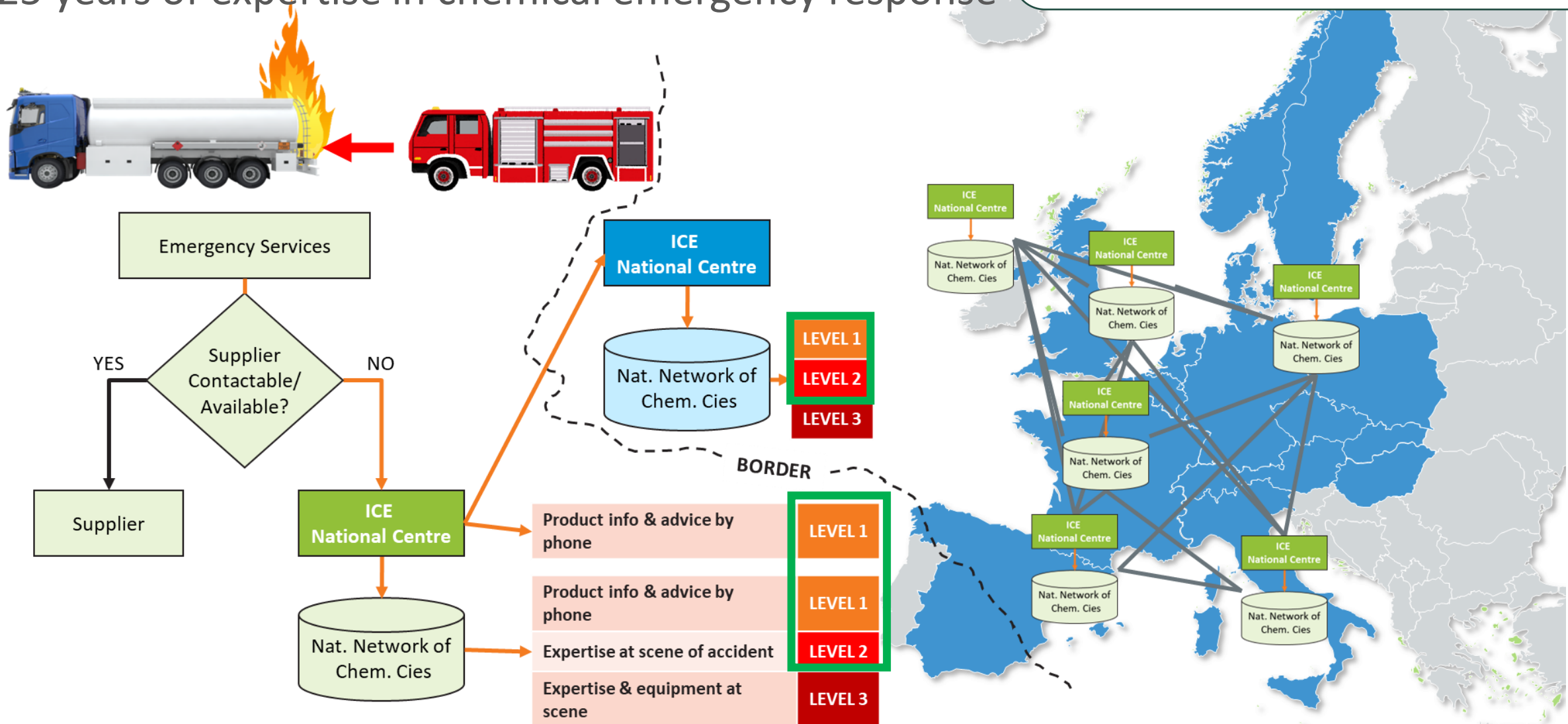
- Assessment of logistics service providers on safety, quality, security, environment, CSR
- Include emissions & pollution, plastic pellets (OCS), digitalization, Tfs, and cybersecurity
- [www.sqas.org](http://www.sqas.org)



# Cefic's ICE network

25 years of expertise in chemical emergency response

- National Centre Cedre (Fr)
- European Maritime Safety Agency





## 2. SCIENTIFIC PARTNERSHIPS



Natural hazards  
(ARISTOTLE)



Radiological and Nuclear  
hazards



Chemical  
hazards

# ANALYTICAL SERVICES IN THE ERCC

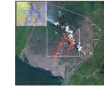
## 1. EARLY WARNING AND MONITORING SERVICES

## 3. ON-DEMAND MAPPING SERVICES



Rapid Mapping service

Copernicus



Risk and Recovery



SESA External and Security  
services



EMSA Maritime safety



Droughts and heatwaves



Wildfires



Floods

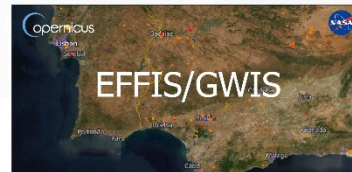


Volcanic activity, earthquakes,  
and tropical cyclones



EDO/GDO

European and Global Drought  
Observatory (EDO and GDO)



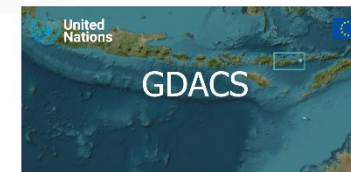
EFFIS/GWIS

European Forest Fire (EFFIS)  
and Global Wildfire (GWIS)  
Information Systems



EFAS/GloFAS

European and Global  
Flood Awareness Systems  
(GloFAS and EFAS)



GDACS

Global Disaster Alert and  
Coordination System (GDACS)

MONITORING AND EARLY WARNING SYSTEMS

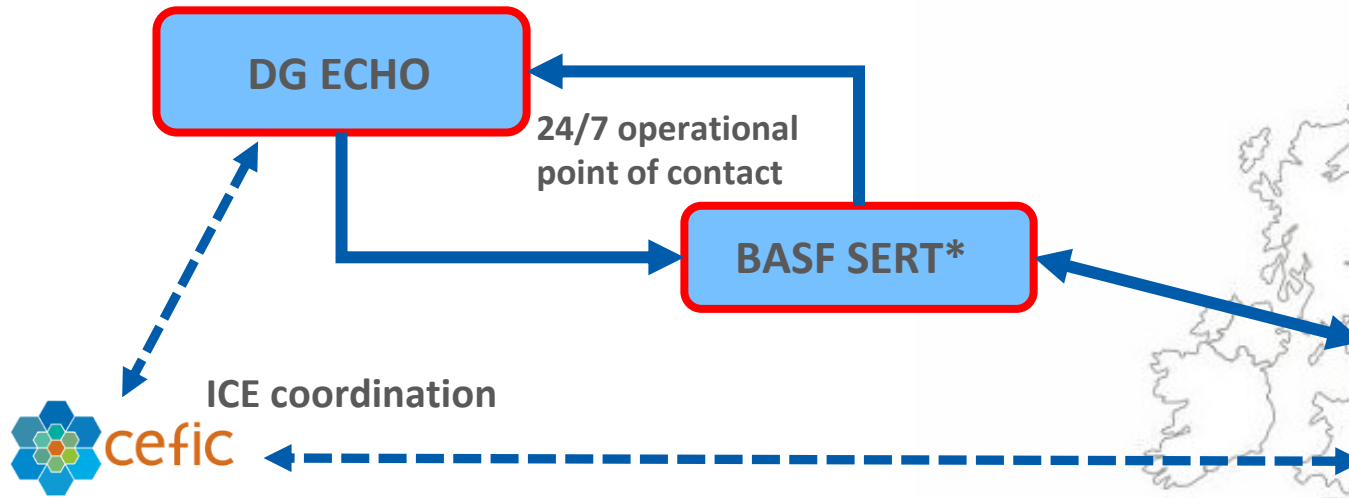
ALERT SYSTEM



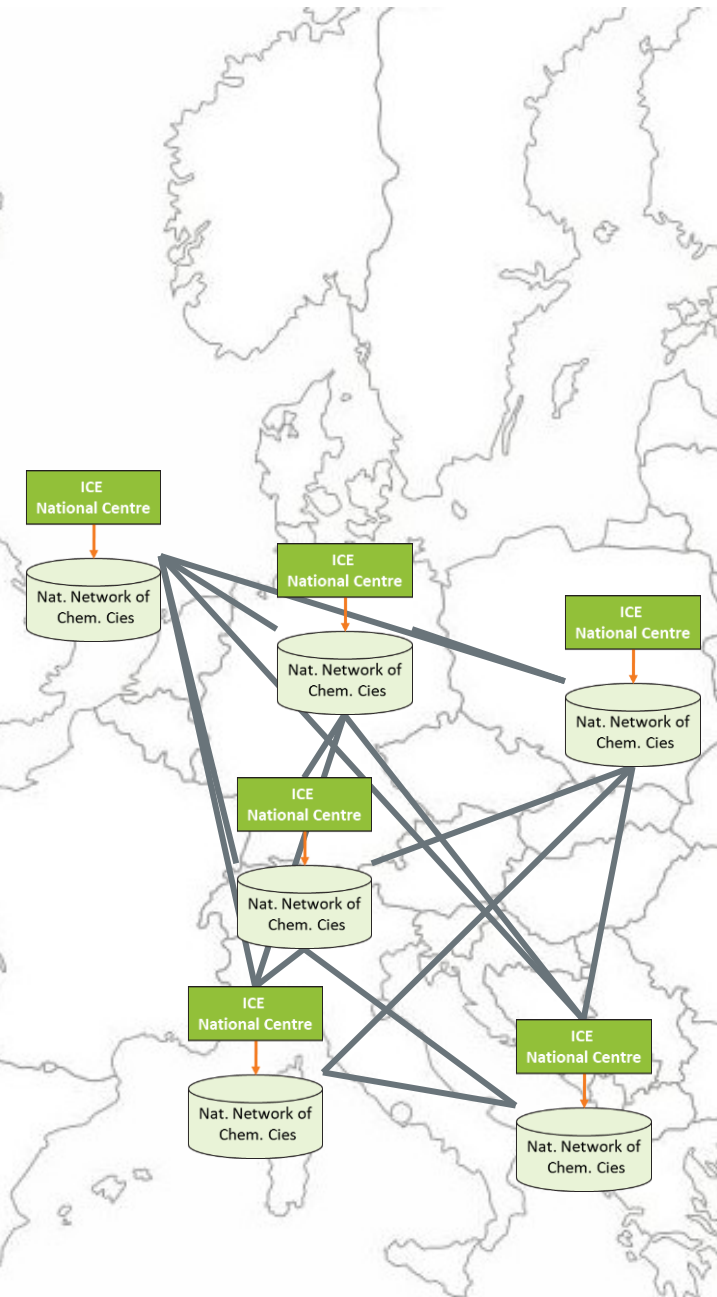


# DG ECHO – ICE Collaboration

## Proposed solution

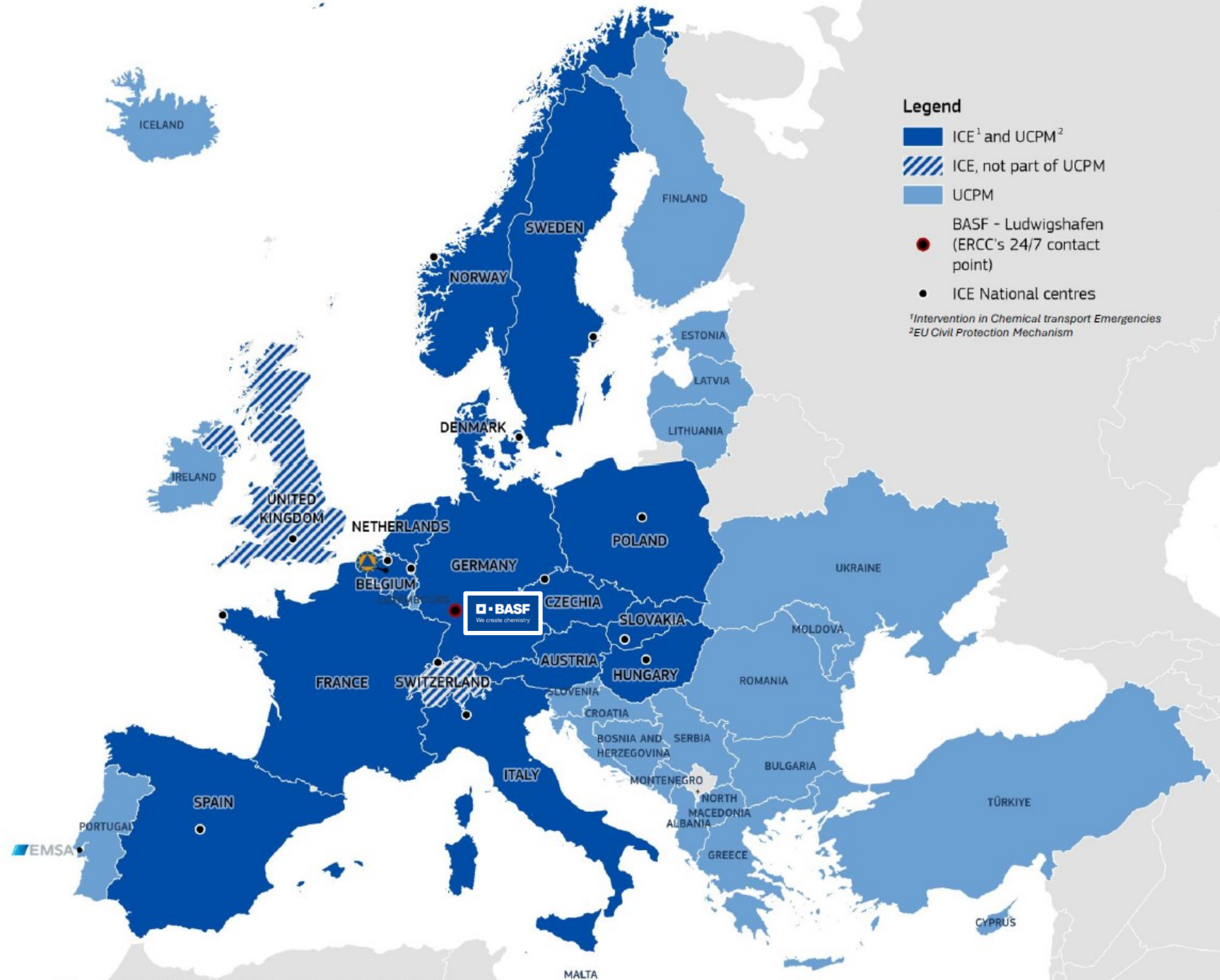


- Enhanced situational awareness and robust emergency response
- Advances chemical emergency management in Europe with a robust framework
- Combines industry expertise and resources from Cefic, BASF and ICE for successful implementation
- Demonstrates Cefic's leadership in safety and corporate social responsibility
- Increased visibility, credibility, and networking opportunities for Cefic



\*Site Emergency Response Team

# ICE countries vs. UCPM countries



© European Union, 2025. Map produced by ERCC Analytical Team. Sources: DG ECHO, GISCO.  
\*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.



# CEFIC's transport & logistics safety management

## Network of experts transport & logistics safety

- Accountability, leadership
- 46 member companies / associations / sector groups
- **100+ experts**

## Industry Guidelines

- **37 Transport & Logistics guidelines**
- Priorities defined by members
- <https://cefic.org/guidance/transport-and-logistics/>

## Safety performance management, incident reporting

- Define and monitor leading KPI's on sector safety performance and progress
- Define, share & implement lessons learnt from incidents

## Dangerous Goods Transport Regulation

- Participation in relevant **UNECE, IMO, ICAO, EU and OPCW** committees and meetings

## Risk Assessment & Management

- Development and implementation of prevention & mitigation measures : guidelines, digitalization

## Emergency Response & Mitigation (ICE – ERICARDS)

- Provide ICE scheme (+MAR-ICE)
- Clear lines of communication & effective support during incidents
- **DG ECHO** and **EMSA** Collaboration
- [www.ice-chem.org](http://www.ice-chem.org) [www.ericards.net](http://www.ericards.net)

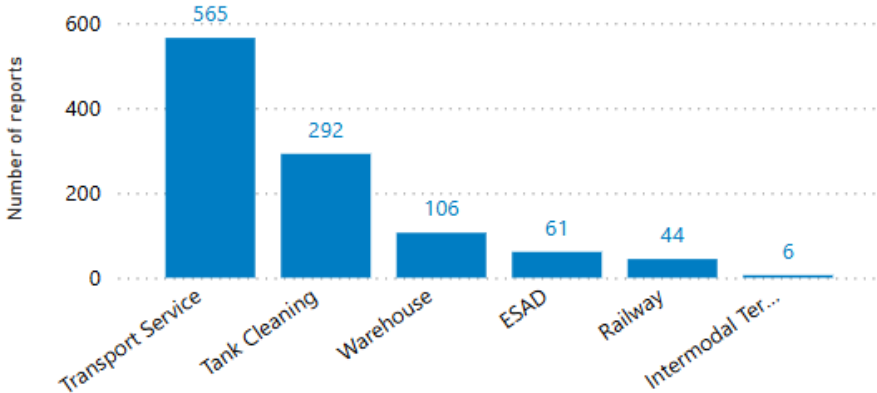
## Logistics Service Provider Management (SQAS)

- Assessment of logistics service providers on safety, quality, security, environment, CSR
- Include emissions & pollution, plastic pellets (OCS), digitalization, Tfs, and cybersecurity
- [www.sqas.org](http://www.sqas.org)

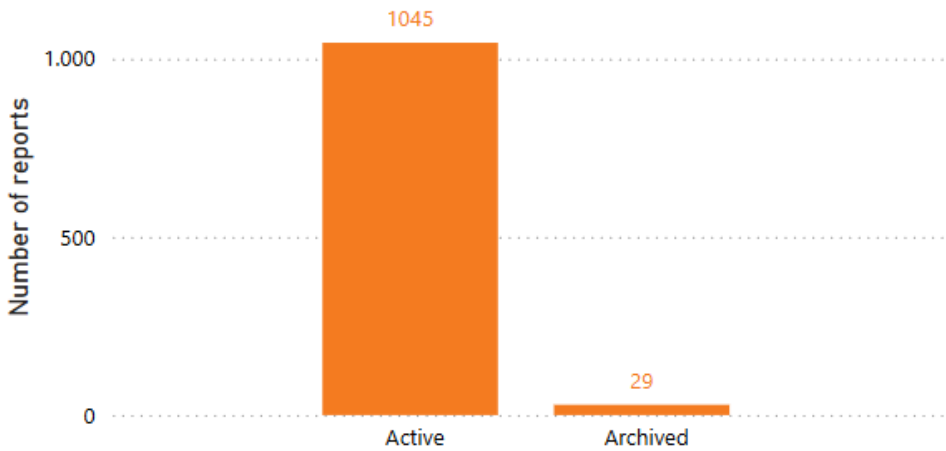


# SQAS Statistics - 2024

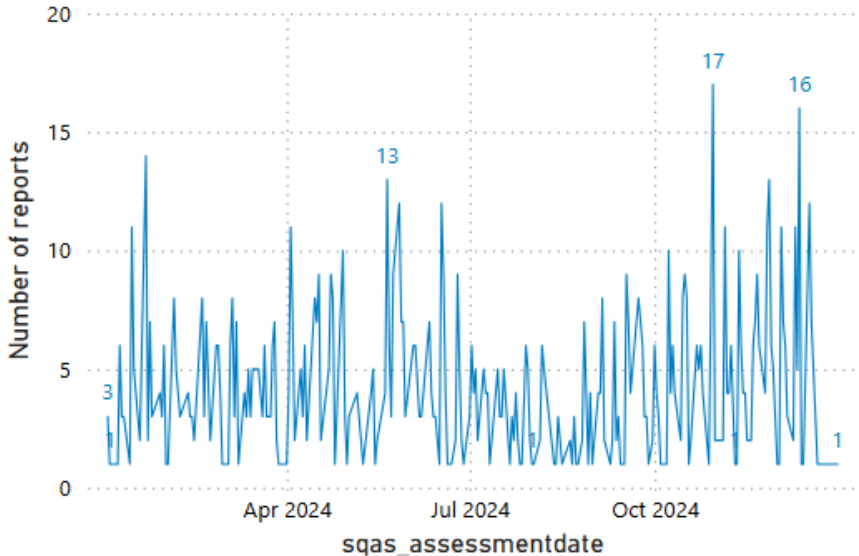
Number of reports by Module



Number of reports by Status



Number of reports by sqas\_assessmentdate



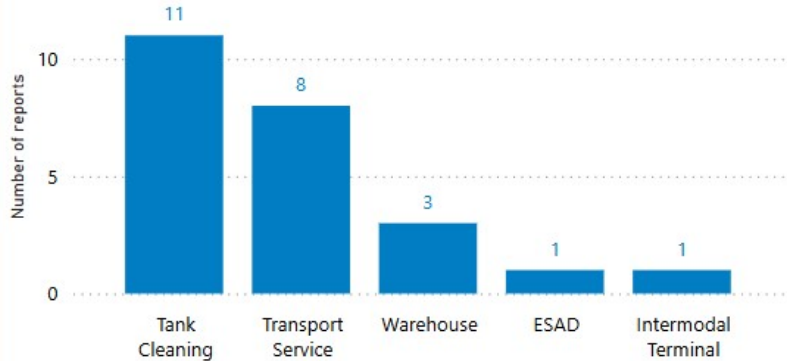
Number of reports by Country



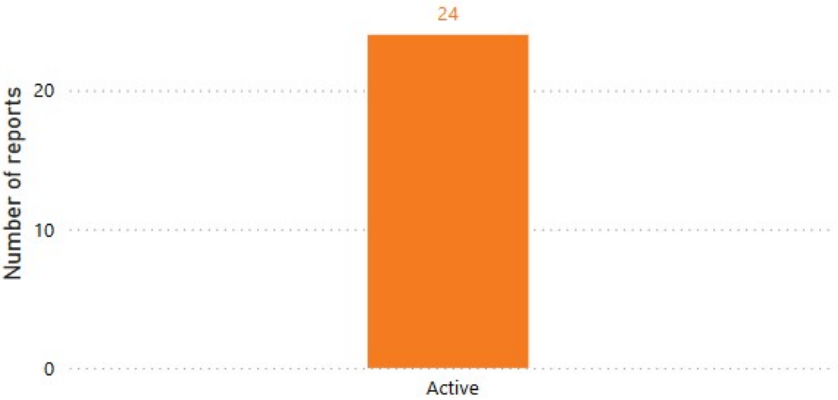


# SQAS Statistics -2024 - Hungary

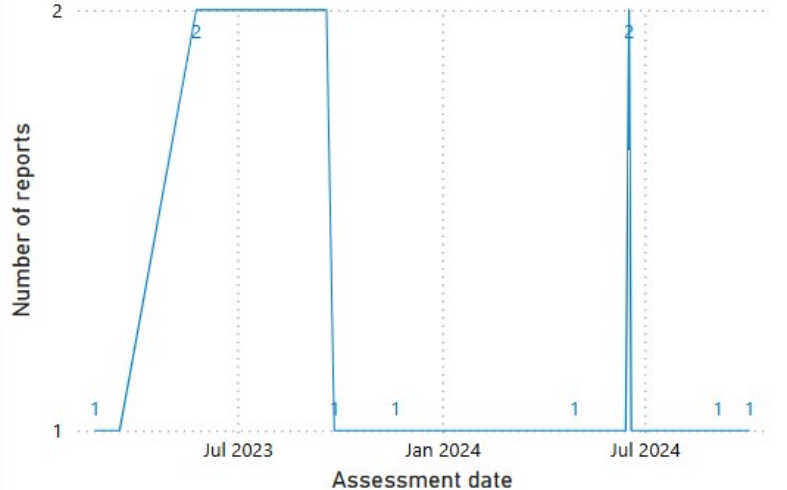
Number Of Reports by Module



Number Of Reports by Status



Number Of Reports by Assessment Date



Number Of Reports by Country



Country	Number of reports
Germany	213
Spain	170
France	112
Italy	93
Netherlands	93
Poland	84
Belgium	60
United Kingdom	45
Sweden	28
Austria	20
Czech Republic	18
Denmark	17
Portugal	17
Finland	14
Switzerland	14
Turkey	14
Hungary	12
Lithuania	10
Norway	8
Romania	8
Slovakia	6
Serbia	5
Bulgaria	4
Estonia	3
Greece	3
Ireland	3
Slovenia	2
Croatia	1
Latvia	1
Luxembourg	1
Ukraine	1
<b>Total</b>	<b>1080</b>



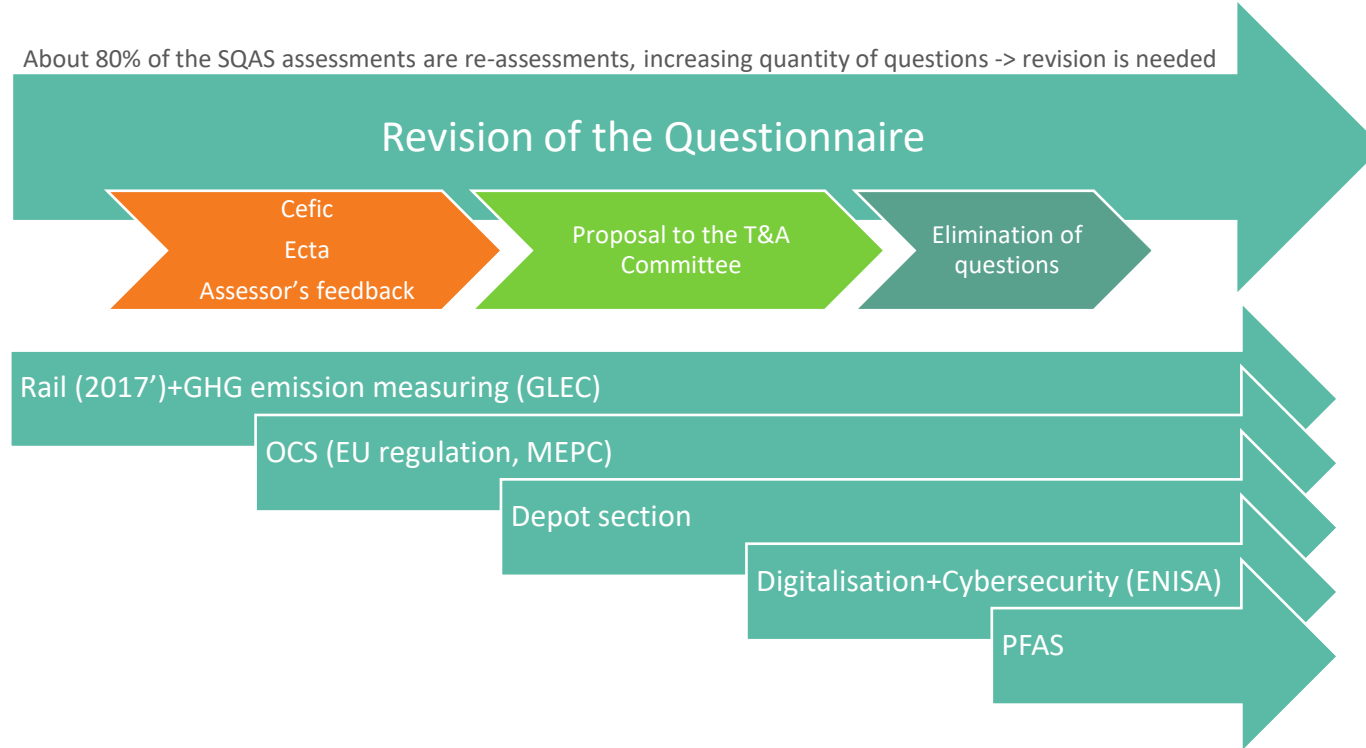


# SQAS 2025

## SQAS 2022



About 80% of the SQAS assessments are re-assessments, increasing quantity of questions -> revision is needed



## SQAS 2025



# SQAS 2025 – Technical & Accreditation Committee



# SQAS 2025

	Core+TS Module	Warehouse	Tank Cleaning
Eliminated	9	7	16
Merged	35	20	7
Modified	32	23	36



# Thank you.

**Contact:**

Imre Elek

Transport & Logistics Safety Manager

[iel@cefic.be](mailto:iel@cefic.be)



**About Cefic**

Cefic, the European Chemical Industry Council, is the forum of large, medium and small chemical companies across Europe, accounting for 1.2 million jobs and 14% of world chemicals production.

On behalf of its members, Cefic's experts share industry insights and trends, and offer views and input to the EU agenda. Cefic also provides members with services, like guidance and trainings on regulatory and technical matters, while also contributing to the advancement of scientific knowledge.

