



ECTA

RESPONSIBLE CARE REPORT 2011



Amended Final June 2011

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ECTA MISSION STATEMENT

ECTA's mission is to improve the standards of efficiency, safety and security as well as the environmental and social impacts of the transport and logistics of chemical goods in Europe.

Full Mission Statement can be viewed on the ECTA website: www.ecta.be.

One of these objectives is reached via the application of Responsible Care throughout the membership and the gathering and monitoring of energy, activity and emission data.

Joint studies in co-operation with CEFIC and other bodies have developed a protocol/formula for measuring of all modes CO2 factors.

See reports on ECTA website: www.ecta.be.

The structure of ECTA has been changed to reflect greater demands for both internal and external stakeholders, also to give focus to members and greater transparency.

Working Group activities have remained high profile during 2011, this despite the economic situation that we have faced, the commitment to Responsible Care, Safety and other associated areas of Responsible Care remain.



FUTURE TRANSPORT AND RESPONSIBLE CARE SCENARIO WITHIN EUROPE

- Increased legislation
- Increased Carbon taxes
- Transport Industry feels under extreme pressure due to:
 - ⇒ Political pressure
 - ⇒ Legislative pressure
 - ⇒ Being the face of the Chemical industry on the road
 - ⇒ Perception of the Industry by the general public: polluters of the atmosphere

RESPONSIBLE CARE - 2011

2011 KPI returns from RC members have been more meaningful than those received for 2010, a number of reasons for this:

- ✓ A full year with an agreed reporting format
- ✓ Agreed KPI Co2 emission factors now known for each mode
- ✓ RC Coordinator training
- ✓ Members more comfortable with reporting
- ✓ Revised KPI form

Further amendments to the RC Implementation guidelines and KPI form took place following discussions held between the Technical & RC committee members, once again to make them more user-friendly and meaningful on the reporting of the KEY KPI's.

The results are encouraging when viewing the KPI returns, the KPI's are then measured against the individual companies' RC improvement plans to monitor where additional focus is maybe required.

The Consolidated KPI will be shared with Internal and External stakeholders by way of the ECTA website and this RC report.

In order to fulfil its tasks under the RC Agreement, ECTA during the course of 2011 was granted direct access to 116 of the SQAS reports of ECTA RC member companies that are held in the Cefic SQAS database; this now includes both Warehousing and Tank Cleaning. ECTA is able to check very actively

the HSE profiles of its RC members in the context of its RC governance mission.

Membership at December 2011 stood at 87 members with 41 signed up for the RC Scheme, as stated the major drive for 2011 was to increase both areas of ECTA membership so as to be more representative of the transport sector with Europe.

At the time of writing membership stands at 91 members and 46 RC members.

ECTA members carry +/- 70% of the chemicals across Europe; this figure with the economic recovery will increase, with the proviso as below:

- ✓ There is evidence that chemical transport in general and ECTA members in particular perform very well in their efforts to reduce

- ✓ The relative emission levels per ton/kilometre.
- ✓ The BIG BUT :
- ✓ If Europe and the rest of the world require and produce more tonnage and society consumes more, we can only limit this relative figure and not the absolute ones.
- ✓ Effectively influencing consumers is going to lead to much better results.
- ✓ Might lead to pressure on society to reduce their luxury levels as well.

See presentation given to CEFIC Seminar in March 2011 is available to view at www.ecta.be.

KPI RESULTS OF ECTA R C MEMBERS IN 2011

<i>1. Number of km operated per year for chemical goods transportation in Europe (mln kms p.a.)</i>	1.674 Billion
<i>1a. Number of Moves (Orders) per year</i>	3.981.902
<i>2. Tonnes carried per year</i>	96.171.311
<i>3. Number of employees - Incl. Subcontractors - Drivers</i>	17.027
<i>3a . Number of employees - Others</i>	6.928
<i>3b. Training days per driver per year</i>	2,75
<i>3c. Training days per office staff per year</i>	2,25
<i>3d. Driver absence in days per annum</i>	8.984
<i>4. Mode of transport used:</i>	
<i>Road:</i>	58%
<i>Intermodal:</i>	42%
<i>Total</i>	100%
<i>5. Number of incidents with motor vehicles for this year - whilst in transit</i>	504
<i>6. Number of incidents at loading points for this year</i>	138
<i>6a. Number of incidents at unloading points for this year</i>	295
<i>7. Split of trucks used for chemical transport:</i>	
<i>EURO I</i>	1 %
<i>EURO II</i>	1 %
<i>EURO III</i>	18 %
<i>EURO IV</i>	21 %
<i>EURO V</i>	55 %
<i>EEV</i>	4 %
<i>EURO VI</i>	0 %
<i>Total</i>	100 %
<i>8a. Total Fuel consumption for the year - Litres</i>	74956521
<i>10. Total Tonnes CO2</i>	2.096.556

ACHIEVEMENTS 2011

- ⇒ Increased membership – spreading the word
- ⇒ 9 Guiding Principles set into RC requirements
- ⇒ Revised RC guidelines and KPI reporting form
- ⇒ Input into Sustainability and Logistics working groups
- ⇒ Expansion of RC into Warehousing and Tank Cleaning
- ⇒ Emission factors now agreed for all modes
- ⇒ Carbon Footprints now readily understood
- ⇒ Use of the new SQAS 2010 to measure RC compliance – 58 questions targeting RC
- ⇒ KPI forms received detailing RC commitment and CO2 figures
- ⇒ Now able to report to internal/external stakeholders with meaningful statistics

ECTA/INDUSTRY ADVISORY COUNCIL

This platform was set up to promote RC along with strategic thinking between the Chemical Industry and ECTA, with ECTA becoming a standalone organization it was felt this was a better course of action, the IAC is made up of KEY industry players and ECTA Executive Board members.

The evolution of the ECTA RC Scheme as well as the Carbon Footprint Key Performances Indicators (KPI) has been discussed to spread the word on RC and ECTA.

ECTA RC PLAN 2012

1. Further increase RC membership. Ensure strong and continued consolidation of the RC Programme for the European chemical transport sector.

2. Efforts under RC to improve SHE performance:

- Report on 2011 activities using the new RC Guidelines.
- Collection, analysing and reporting of ECTA members RC KPI data 2011.
- Collection, analysing and reporting of ECTA members RC Improvement Plans 2012 based on the 9 basic RC principles as defined within the ECTA Commitment Declaration.
- Prepare proposals on KPI improvements.

3. Monitor the implementation & usage of SQAS 2010 by ECTA members based on RC dedicated questions.

4. Expansion of RC beyond European borders

POSITIVE ACTIONS DURING 2012 TO OFFSET THE FUTURE SCENARIO

ECTA to actively pursue:

- ⇒ increased membership to have consensus across Europe
 - ⇒ Promote the wider acceptance of Responsible Care as a “Tool for overall improvement and Carbon Footprint monitoring
 - ⇒ Responsible Care, this is the measurement that ECTA will use
 - to approve members and
 - to measure members improvement plans and actions
 - ⇒ Modal shift in conjunction with the Chemical industry
 - ⇒ Better use of available technology for equipment usage monitoring
- Only by being proactive in the above actions can the impending legislative and tax increases be mitigated.

ECTA EXTERNAL ACTIVITIES

Sustainability in Logistics aimed primarily at defining Carbon Footprints for the various sectors, this being closely allied to the ECTA Responsible Care scheme. At year ending a definitive measuring tool has been developed to assist all to measure CO₂ and Carbon Footprints. Report is downloadable from www.ecta.be. It is expected that the WG will commence further discussions in this area during 2012.

RC TRAINING 2011

In June and September ECTA organized three sessions of a Responsible Care Training, aimed at explaining better to RC Coordinators and those wishing to attend from ECTA RC member companies Responsible Care through its reporting process. The three sessions were well attended and showed positive results as great interest was shown from the attendees, resulting in intense Q/A sessions and discussions.

Presentations were given about Responsible Care in general, the KPI forms and how to use them as a tool for reporting the companies' performances and efforts on environmental issues, and about the "Energy Based" and the "Activity Based" Calculation of CO₂ emissions



that are used in these KPI forms.

All presentations are available on ECTA website.

COMMUNICATION

ECTA Conference was held in Rotterdam on 23rd November 2011. It is pleasing to report that the conference was well attended; ECTA organized presenters from the chemical industry as well as ECTA LSP members to talk about the "Promotion of Responsible Care and the Practical Application of Responsible Care for the Transport Supply Chain", this area also included presentation from chemical companies.

The theme of the conference by the presenters followed a clear path from



beginning to end; remarks from members mentioned a well-organized event a topical subject for today's world.

Presentations are downloadable from the members' area of the ECTA website: www.ecta.be.

ECTA WEBSITE

ECTA is continuously working on the website in order to adequately integrate therein the ECTA RC activities.

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ECTA a.i.s.b.l. The European Chemical Transport Association i.v.z.w.
Avenue de Tervuren 270 Tervurenlaan, B-1150 Brussels-Belgium
Tel +32(0)27418681 – Fax +32(0)27418682
ectarc@ecta.be – www.ecta.be

