



RESPONSIBLE CARE REPORT 2012

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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.com.

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.com.

The structure of ECTA has been developed to reflect greater demands from both internal and external stakeholders.

Working Group activities increased during 2012, this despite the economic situation that we still have to confront, the commitment to Responsible Care, Safety and other associated ECTA activities remains at a high level.



FUTURE TRANSPORT AND RESPONSIBLE CARE SCENARIO WITHIN EUROPE

- ✓ Increased legislation
- ✓ New reporting requirements EN Std 16258
- ✓ French decree on recording of emissions
- ✓ Increased Carbon taxes
- ✓ Transport Industry feels under extreme pressure due to:
 - Political and Society pressure
 - Legislative pressure
 - Pressure on InterModality activity
 - Rail Infrastructure
 - Being the face of the Chemical industry on the road
 - Perception by the general public as being: polluters of the atmosphere

RESPONSIBLE CARE 2012

It should be noted that ECTA do not consider the measurement of CO2 emissions to be the sole area of Responsible Care. ECTA have over the past 3 years developed a set of KPI's that measure < 20 KPI's related to not only CO2, but also HSSE measurement. See below a set of graphs detailing the main areas of HSSE measurement.

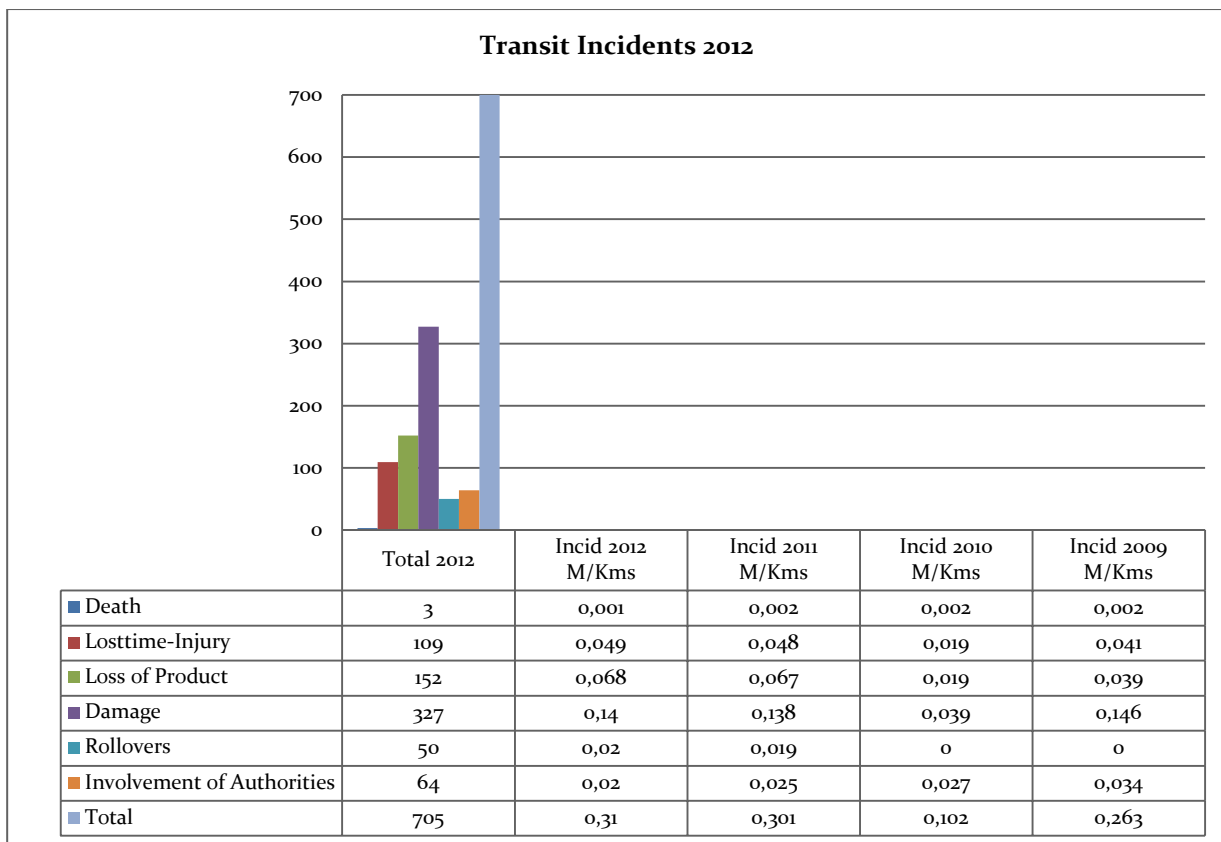
2012 KPI returns from RC members have been more meaningful than those received for 2011, a number of reasons for this:

- ✓ Revised KPI forms
- ✓ KPI forms that has inbuilt formulas to assist members
- ✓ 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
- ✓ Now able to conduct trend analysis

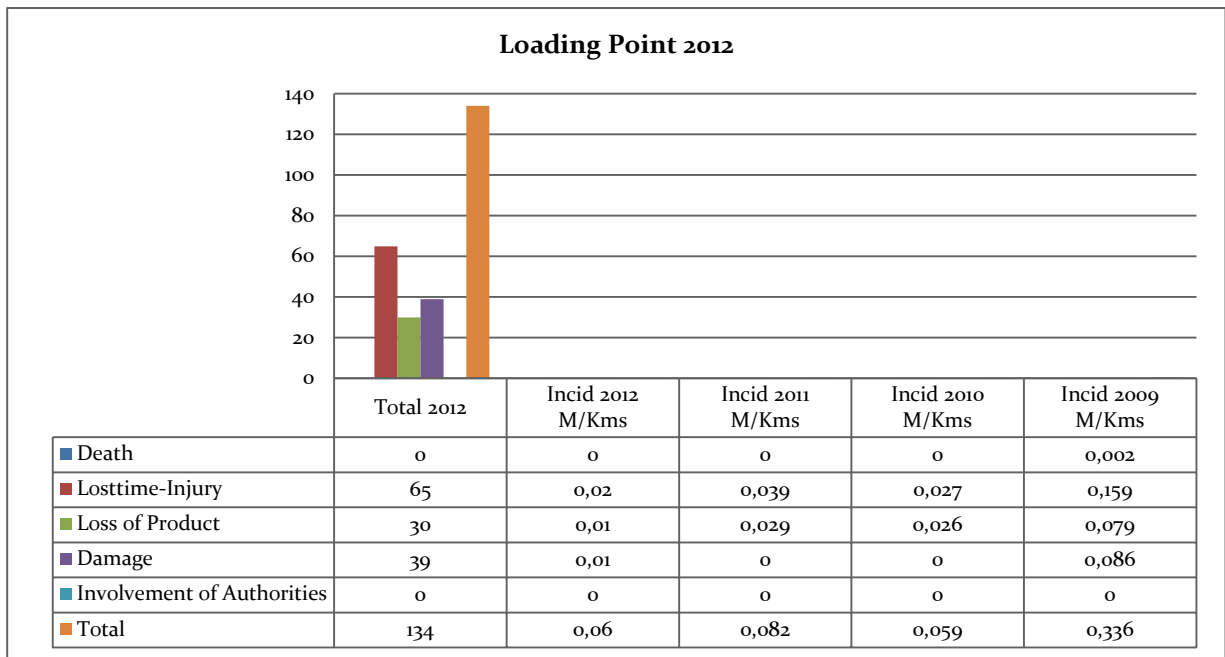
The results are encouraging when viewing the KPI returns, the KPI's are then measured against the individual companies' RC improvement plans to monitor where additional focus is maybe required.

The analysis over a 3 year period shows a small decline in most areas when looking at the per/million kms factors.

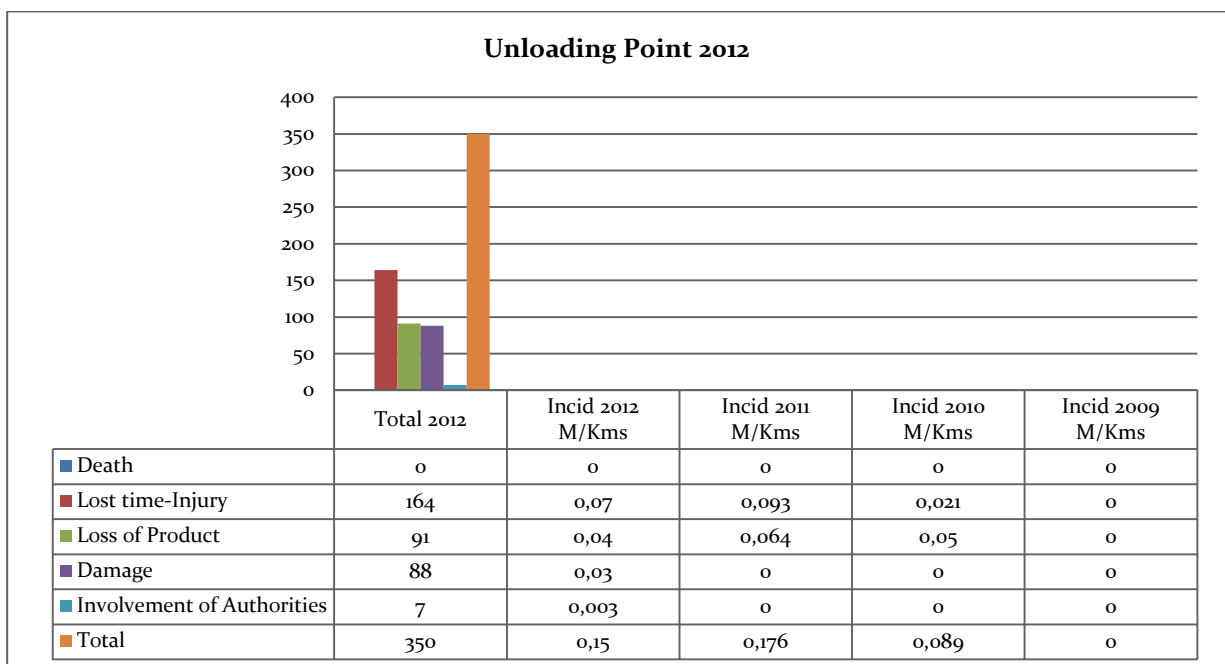
The disturbing factor are the absolute figures for Lost Time Accidents at the Un/Load point, Loss of Product at the Un/load point and Rollovers.



ECTA along with Responsible Care members will focus on the above areas along with the customer at both load and discharge point to look at areas for improvement.



One further factor will be the requirement for Responsible Care members to highlight in their mid-year 2013 improvement plan as well as the 2014 Improvement plans, actions that will be taken along with customers to arrest these trends.





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 2012 was granted direct access to 246 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/Responsible Care question profiles of its RC members in the context of its RC governance mission.

Membership at December 2012 stood at 94 members with 56 signed up for the RC Scheme, as stated the major drive for 2012 was to increase both areas of ECTA membership so as to be more representative of the transport sector with Europe.

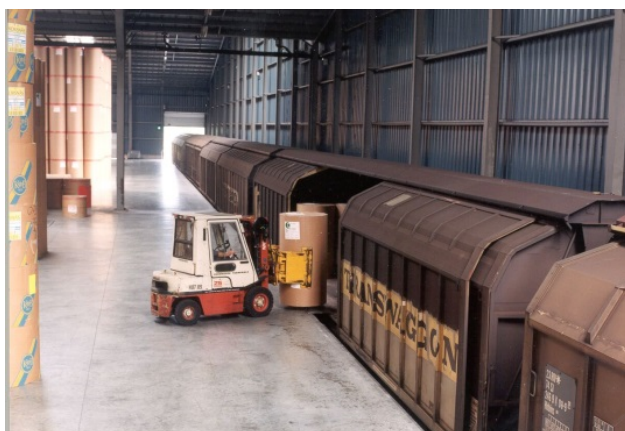
There are a number of prospective new members already requesting information on both membership categories.

ECTA members it is estimated carry +/- 70% of the chemicals across Europe; this figure when the economic recovery takes place 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 travelled.

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.
- ✓ Additional reporting requirements KPI's and emissions for members were included in a presentation given to CEFIC Exec Committee in 2012 which is available to view at www.ecta.com.



KPI RESULTS OF ECTA RC MEMBERS IN 2012

1. Number of km operated per year for chemical goods transportation in Europe (mln kms p.a.)	2,212 Million
1a. Number of Moves (Orders) per year	3,459,661
2. Tonnes carried for the year	81,795,063
3. Number of employees - Incl. Subcontractors - Drivers	17,431
3a. Number of employees - Others	6,590
3b. Training days per driver per year	2.9
3c. Training days per office staff per year	2.38
3d. Driver absence in days per annum	5.9
4. Mode of transport used:	
Road:	69%
Intermodal:	31%
Total	100%
5. Number of incidents with motor vehicles for this year - whilst in transit	705
6. Number of incidents at loading points for this year	134
6a. Number of incidents at unloading points for this year	352
7. Split of trucks used for chemical transport:	
EURO I	0.5%
EURO II	1.3%
EURO III	12.2%
EURO IV	18.0%
EURO V	54%
EEV	11.7%
EURO VI	2.3%
Total	100%
8a. Total Fuel consumption for the year - Litres	210,829,643***
10. Total Tonnes CO2	1,859,717

NB *** Fuel consumed figure is for those companies using the Energy based reporting

ACHIEVEMENTS 2012

- ✓ Increased membership – spreading the word.
- ✓ Revised RC guidelines and KPI reporting form.
- ✓ Input into Sustainability and Logistics working groups.
- ✓ 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.



POSITIVE ACTIONS DURING 2012 TO OFFSET THE FUTURE SCENARIO

ECTA actively pursued:

- ✓ Increased membership of both sectors to gain consensus across Europe.
- ✓ Promoted 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/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 evolutions of the ECTA RC Scheme as well as the Carbon Footprint Key Performances Indicators (KPI) were discussed to spread the word on RC and ECTA.

ECTA RC PLAN 2013 – UPDATED 3RD JUNE 2013

1. Continue to look at ways of increasing RC membership for Transport, Tank Cleaning and Warehousing. Ensure strong and continued consolidation of the RC Programme for the European chemical transport logistics and associated sectors.
2. Summary of items for the ECTA RC Plan 2013 which is a continuation of the 2012 plan and will include:
 - ✓ Continuing efforts to improve HSSE performance, by collection, analysis and reporting of ECTA members consolidated RC KPI data 2012. Monitor usage of agreed mode emission factors for KPI compilation.
 - ✓ Receipt of updated mid-year plans from RC members to measure ongoing compliance with their Company RC plan.
 - ✓ Prepare consolidated proposals on KPI improvements to internal and external stakeholders, including the further application of additional KPI's for overall CO2 factors.
 - ✓ ECTA to hold a seminar during 2nd half 2013 to promote RC. It is intended that RC members will actively participate as presenters in this seminar.
 - ✓ Place an overview of ECTA and ECTA RC on the ECTA public website page.
 - ✓ Determine Confined Spaces/Tank Entry Permits to Work system – Remark in Annual Reports.
 - ✓ Place Trend Analysis and Improvement expectations in ECTA Annual Reports.
 - ✓ Obtain Tank Cleaning KPI (Deaths/Issues etc) for year ending KPI Reports.
3. Monitor the implementation & usage of SQAS assessment questionnaires (2010) by ECTA members based on RC and RC Improvement dedicated questions as detailed in the SQAS overlay matrix.

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, ECTA have also been involved in other external working groups. Reports of these WG's are downloadable from www.ecta.com.



RC TRAINING 2012



During the year ECTA organized training sessions on Responsible Care, aimed at explaining better to RC Coordinators and others wishing to attend from ECTA member companies the overall concept of Responsible Care and the reporting process.

The sessions were well attended and showed positive results as great interest was shown from the attendees.

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. From the 2012 KPI returns submitted the training appears to have been well received and understood

All presentations are available on ECTA website.

COMMUNICATION



ECTA Annual Conference was held in Dusseldorf on 22nd November 2012. 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.com.

ECTA WEBSITE

ECTA as reported in last year's report have updated the ECTA website, from reactions received all appears to have settled down well with positive comments being made.



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