

***Responsible Care in Bulgarian  
Chemical Industry-  
best practices of cooperation with  
social partners***

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**WG: Responsible Care  
4<sup>th</sup> July 2007 - Brussels**

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# Responsible Care in Bulgaria



- helps companies reach standards needed for EU countries
- increases industry credibility and helps improve its reputation within society
- helps for improvement the social dialog in the member companies

**24 Bulgarian Companies have joined the Initiative, 60% of BCCI members:**

**"SOLVAY SODI"**

**"ALEN MAK"**

**"AROMA"**

**"AGRIA"**

**"Pain Chemicals"**

**"PLASTMASOVI IZDELIA"**

**"SIPO – trading"**

**"SVILOZA"**

**"POLIMERI"**

**"LAVENA"**

**"ORGAHIM"**

**"SVILOCEL"**

**"AGROPOLICHIM"**

**"ZEBRA"**

**"Autobar Packaging Balkan"**

**"KAUMET"**

**"PLASTIMO"**

**"TOTEM"**

**"BROSS"**

**"GAMAKOL"**

**"POLICHIM"**

**"LUKOIL NEFTOHIM BURGAS"**

**"SVILOZA – Yarn"**

**"DEGUSSA-Bulgaria"**



## БЪЛГАРСКА КАМАРА НА ХИМИЧЕСКАТА ПРОМИШЛЕНОСТ АСОЦИИРАН ЧЛЕН НА CEFIC

### С Е Р Т И Ф И К А Т

Българската камара на химическата промишленост предоставя правото за ползуване на ЛОГОТО на инициативата RESPONSIBLE CARE – ОТГОВОРНОСТ И ГРИЖА на

**Ф и р м а “СВИЛОЗА“ АД – Свищов**

в доказателство на това, че фирмата спазва Националните ръководни принципи за непрекъснато подобряване на показателите в областта на здравето, безопасността и околната среда като участник в световната инициатива на фирмите от химическата промишленост RESPONSIBLE CARE, съгласно Декларацията за участие и Договора с Българската камара на химическата промишленост.

Председател  
На Националния Комитет  
по RESPONSIBLE CARE:  
промишленост:

/доц. Д-р инж. Йончо Пеловски/

Председател  
на Българската камара  
на химическата

/ проф. Д-р Веселин Цветков



**Within the concept of Responsible Care 24  
chemical companies in Bulgaria work on :**



**Training of the employees on the production and  
safe use of the chemical products**

**Contributing to evaluation of the efficiency of  
regulations by authorities and needed changes**

**Best practices sharing in the health and safety  
work**

**Identify potential risks at a work place**

**Safer and cleaner workplace**



## The results of companies' involving in Responsible Care:



**Giving safer and cleaner workplace with fewer accidents and injuries.**

**Fewer accidents and injures mean increased production and less disruption.**

**Fewer accidents and injures helps to lowed down the payments of the insurance companies**

**An industry-wide culture of continuous improvement in safety results in better credibility and reputation for the companies.**

**To establish preventive measures, which are adopted to the needs of the workers.**



# Indicators of performance



## *Safety and occupational health*

- 1: number of fatalities for employee - 0**
- 2: lost time injuries frequency rate for employees - decrease 20 % ( indicator is 1/2 from the whole chemical industry)**
- 3: number of fatalities for contractors - 0**
- 4: lost time injuries frequency rate for contractors**

## *Environmental protection*

### Waste Management

- 5: hazardous waste for disposal - increase but due to changes of classification**
- 6: non-hazardous waste for disposal - decrease 22%**

### Emissions to Air

- 7: sulphur dioxide (SO<sub>2</sub>) - decrease 14 %**
- 8: nitrogen oxides (NO<sub>x</sub>) - decrease 8%**
- 9: volatile organic compounds (VOC)**

### Climate Change: Emissions of Global Warming Gases

- 10: carbon dioxide (CO<sub>2</sub>), decrease 5 %**
- 11: nitrous oxide (N<sub>2</sub>O) - decrease 85%**



# Indicators of performance



## Discharges to Water

**13: chemical oxygen demand (COD)**

**14: phosphorus compounds**

**15: nitrogen compounds**

## Use of Resources

**16: use of energy – 13 %, specific energy consumption - decrease 20%.**

**17: water consumption - continued to decline ( 5% reduction)**

**18: transport incidents - 0**

## **Additional parameters:**

**- SDS for used and produced chemicals - 100%**

**-IPPC – all obligated companies – 8 sites**

**-International standards**

**15 companies with ISO9001**

**7 companies with OHSAS 18001**

**5 companies with ISO 14001**

**4 Companies with Integrated MS(4 in preparation)**





# Cooperation with social partners - great contribution of Responsible Care



- ❑ History of trying to establish social dialog
- ❑ Big change after entering Responsible Care Program
- ❑ Big change after joining ECEG and EMCEF
- ❑ The movement to social dialog at company level - Responsible Care covers employees expectations , Collective company agreements, Comities on Work Conditions.
- ❑ May 2006, Bucharest still problems of the social dialog on national level
- ❑ 2004 Conference on industrial relations in Sofia –information for BG Responsible Care program as pillar of social dialog; Lutz Muhl (ECEG) -presentation on social dialog; active participation of social partners from Switzerland , Sweden est.
- ❑ 2005 Conference on work safety ,education and training – presentations from Simon Marsh and Lutz Muhl.
- ❑ 2006 Bulgarian RC drivers from some companies participate on European social dialog conference in Krakow



## Cooperation with social partners - great contribution of Responsible Care



- ❑ December 2006 - The biggest Bulgarian petrochemical plant and refinery “Lukoil Neftochim” JSC organized social policy conference ( in urgent situation – strike)- presentations on Responsible Care, health and safety and Social dialog on different levels, L. Dombalova and Y. Pelovsky , BCCI and Lutz Muhl, ECEG
- ❑ May 2007 - The National Conference on social policy in Bulgarian Chemical Industry, combined with Annual Responsible Care conference with 50 to 50 participation of employees and employers from the companies and Mr. Jean Pelin and Mr. Lutz Muhl – participation and presentations on Social Dialog in Europe
- ❑ Pact of Cooperation – the top of social dialog in Bulgarian chemical Industry, April 2007
- ❑ November 2007 - 3 day Regional Balkan Conference of Bulgarian, Romanian and French Associations & CEFIC for experience exchange between associations and companies on Responsible Care and social policy . The goal – RO association to join the ICCA Responsible Care program, by help of Bulgaria and France



# COOPERATION PACT - great contribution of Responsible Care program



**Cooperation Pact was signed by the social partners :**

- ✓ Bulgarian Chamber of the Chemical Industry
- ✓ “Chemistry and Industry” N F – CITUB
- ✓ “Chemistry” National Federation – “Podkrepa” CL

**Challenges for the PACT (some) :**

- ▶ Need to optimize production processes in compliance with the European health and safety and environmental standards;
- ▶ Underestimation of chemical industry and the state interest in regard to support and protection of the Bulgarian companies;
- ▶ Necessity to develop an efficient innovation activity to ensure high-quality environmentally-friendly products and health and safety;



# COOPERATION PACT - great contribution of Responsible Care program



...to work for the development of the chemical sector through cooperation in the following areas:

▶ Improvement of the image of the chemical industry

▶ Investment in human resources

❖ *Health and Safety at Work*

❖ *Vocational training and qualification of present and future workers*

▶ Competitiveness

▶ Social partnership



## COOPERATION PACT - great contribution of Responsible Care program



### ✓ Improvement of the image of the chemical industry

- ❑ Strong commitment of the social partners to the REACH o Better image of the industry within community through environmental issues, health and safety and product safety;
- ❑ Development of corporative social responsibility of enterprises
- ❑ Participation in the “Responsible Care” and “Stewardship Products” initiatives, integrated systems for product quality management, environment and health and safety and popularization of good achievements through the mentioned above initiatives;
- ❑ Exchange of good practices and achievements in social dialogue development at enterprise and branch level.



## COOPERATION PACT - great contribution of Responsible Care program



✓ Investment in human resources

❖ *Health and Safety at Work*

o Ensuring of health and safety in enterprises

o Enhancing investments to improve working conditions to reduce number of labor accidents and professional diseases;

o Implementation of accidents' prevention activities;

o Promotion of participation in the work of the Branch Working Conditions Council and coordination of efforts aimed at mutual information and counseling;

o Enhancement of Working Conditions Committees and groups activities in enterprises aimed at a sustainable improvement of working conditions and company policies on health and safety at the workplace;



## COOPERATION PACT - great contribution of Responsible Care program



**From the letter of Mr. Reinhard Reibsch-Secretary General of EMCEF to the Bulgarian Social Partners in connection of Pact of Cooperation :**

*It looks to me like a huge step forward for the chemical sector in Bulgaria This joint commitment shows a degree of common understanding between Social Partners and of rapid maturity probably unprecedented in your region. It is encouraging to see that Social Dialogue is on the right track in the chemical sector in a very fresh member of the European Union.*

*Social Dialogue at the European level is indeed only possible if Social Partners at the national level take the necessary steps. Obviously you in Bulgaria have already started tackling this enormous challenge*



# REACH



## Information of employees about REACH

Information the employers about REACH and propose help for REACH implementation to the companies.

Information to the scientists and researchers for REACH

Sharing experience in risk management





## **BCCI understanding**

**Analyze the situation with the specialists and skilled workers together with authorities**

**Champaign in the universities**

**Company programs for attracting the workforce**

**Social partners and Ministry of labour and Ministry of education understanding on life long learning**

**Two projects with VAPRO-OVP, Nederland starts in 2007 for participation of social partners of chemical industry in ETLL and using European structural funds for ETLL**



# Responsible Care

