

2nd Greenovate! Europe workshop on “Sustainable Manufacturing in Europe”

Safety and sustainability in handling chemicals in metal working and surface treatment

Brussels, 9th December 2009

Chemicals play a crucial role in a wide range of industrial manufacturing processes. A large number of European SMEs in metal working (370,000 companies) and surface treatment (30,000 companies) handle significant quantities of often hazardous chemicals in many processes such as parts cleaning, machining, plating, painting, surface activation or deactivation.

Today, various state-of-the-art solutions are available for the safe handling of chemicals, respecting employment protection and the related sustainability issues such as the use of water, the treatment of waste and the disposal of remaining quantities of hazardous chemicals. At the same time, these solutions are not yet applied on a sufficient scale throughout the manufacturing industry and the large potential for producing these goods in a safer, cleaner and more efficient way remains often untapped. Moreover, enhanced methods of analysis of the reaction process and its substances as well as adequate methods for recycling and waste water cleaning have to be adapted.

The 2nd Greenovate! Europe workshop on “Sustainable Manufacturing in Europe” will therefore focus on showcasing state-of-the-art solutions and illustrating the needs for safe and sustainable chemistry in metal working and surface treatment. It will also feature innovative approaches on how best technologies and processes can be deployed to a greater number of companies thus mainstreaming best practice and enhancing the impact on the performance of the industry and the environment.

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DRAFT AGENDA

- 09:00 – 09:15 *Arrival, Registration*
- Moderation**
Astrid Severin, Managing Director, Greenovate! Europe
- 09:15 – 09:30 **SETTING THE SCENE**
The challenges in handling chemicals in industrial processes
Gerd Linka, Manager Sustainable Development, Atotech Deutschland GmbH and German Association of Chemical Suppliers in Surface Finishing
- 09:30 – 09:50 **What industry can do today - State-of-the-art**
BASF (tbc)
- 09:50 – 10:10 **Chemistry and sustainability - The view of the European Commission**
Daniele Colombo, European Commission - DG ENTR, Unit G2 - Chemicals
- 10:10 – 10:40 **Safe and sustainable handling of chemicals – The SME perspective**
1) Spanish surface SME (tbc)
2) Albert Dekker, VARICLEAN benelux bv
- 10:40 – 11:15 *Coffee break*
- 11:15 – 11:30 **Clustering excellence in sustainable chemistry**
Philippe Le Thuaut, AXELERA, French Sustainable Chemistry cluster
- 11:30 – 11:45 **R&D for sustainable chemistry in Europe – Outlook and trends**
Andreas Möbius, International Research Fellow, Cookson Electronics and President, German Society for Galvano and Surface Technologies
- 11:45 – 12:00 **Innovation vouchers for manufacturing companies – The REMAKE project**
Serge Galant, TECHNOFI, President of Greenovate! Europe
- 12:00 – 12:45 **ROUND TABLE**
Mainstreaming innovative processes and technologies for handling chemicals – How to reach a critical mass of manufacturing SME’s?
- 12:45 -13:30 *Lunch Buffet*