

Agenda 23. November 2016

Introduction

- 11:00 Welcome and opening
Dr. Anke Jesse, German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety
- 11:10 Tour de Table
- 11:40 Introduction to the Expert Dialogue
Antonia Reihlen, Ökopol GmbH
- 11:50 Statements on “Nanotechnologies in the construction sector”
Dr. Rolf Buschmann, Bund für Umwelt und Naturschutz Deutschland
Hans-Jürgen Kuhl, Deutsche Bauchemie e.V. / PCI Augsburg GmbH
Laura Gross, Verbraucherinitiative e.V.,
Dr. Klaus Lipus, Verein deutscher Zementwerke
Christian Schumacher, Deutsche Gesetzliche Unfallversicherung
Dr. Carolin Kranz, BASF
Prof. Dr. Christian Oehr, Fraunhofer IGB

12:30 Lunch

Regulation of construction products

- 13:30 EU regulation on construction products and standardization
Outi Ilvonen; Federal Environment Agency
- 14:00 Authorisation of non-standardized construction products
Brigitte Strathmann; Deutsches Institut für Bautechnik
- 14:30 Discussion
- 15:15 Coffee break

Workers protection, environmental protection and life cycle aspects

- 15:45 Risks and protection measures in handling construction products: nano construction products on the market and conveying risk information
Corinne Ziegler; Berufsgenossenschaft Bau
- 16:10 Nanohouse – Life cycle aspects in the use of façade paints Claudia Som; EMPA
- 16:35 Exposures from waste treatment – recycling of carbon concrete
Jan Kortmann; Technische Universität Dresden
- 17:00 Discussion
- 17:45 End of the first day

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Summary of the first day and introduction to the second day

- 9:00 Summary of the previous day
Antonia Reihlen, Ökopol GmbH
- 9:30 Overview of uses of nanomaterials in the construction sector
Prof. Dr. Dietmar Stephan, Technische Universität Berlin
- 10:15 Discussion

Example applications: Concrete and plaster

- 10:30 Nano-optimised Ultra High Performance Concrete
Thomas Deuse, Dyckerhoff
- 10:45 Discussion
- 11:00 Coffee break

Example applications: Surface coatings

- 11:30 The use of nano silver system technologies in wall and façade paints: applications, benefits and limitations
Sven Knoll, Bioni CS GmbH
- 11:45 Multifunctional coatings with photocatalytic effects
Waldemar Walczok, SICG GmbH
- 12:00 Discussion

Example applications: isolation and construction

- 12:15 Use of nano Anwendung von nanoskaligen additives in isolation materials
Dr. Jochen Manara, Bayrisches Zentrum für Angewandte Energieforschung
- 12:30 Nano particle layers for glasses that can be dimmed
Dr. Hartmut Wittkopf, EControl-Glas GmbH & Co. KG
- 12:45 Discussion
- 13:00 Lunch

Conclusions

- 14:00 From research to practice – results from implementation of projects funded in the programme NanoTecture
Dr. Kenji Reichling, *Deutscher Ausschuss für Stahlbeton e.V.*
- 14:20 Aspects of the material research of the Ministry for Education and Research in the construction sector
Dr. Ralf Fellenberg, *VDI-Technologiezentrum*
- 14:40 Summary and discussion
- 15:00 End of the Expert Dialogue