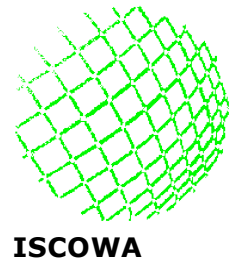




Villeurbanne, the 21<sup>st</sup> of January 2009



## PRESS RELEASE

### INTERNATIONAL CONFERENCE WASCON 2009 in Lyon, 3-4-5 June 2009 "Sustainable Management of waste and recycled materials in construction"

**EEDEMS** (*Environmental assessment of waste, materials and polluted soils*) and **ISCOWA** (*International Scientific Society for Construction with Waste*) **organize the next international conference WASCON which will take place in Lyon from the 3<sup>rd</sup> to the 5<sup>th</sup> of June 2009 at the Espace Tête d'Or in Lyon. More than 250 french and foreign scientists (29 nationalities represented) are expected at this conference. WASCON is the reference international conference on the issue of sustainable management of secondary raw materials in the field of civil engineering.**

In 1991, a group of scientists from Northern Europe and from North America founded **ISCOWA** and **WASCON**. This initiative was in fact the beginning of an important movement around the recovery of waste. Indeed, the same year the Netherlands initiated the standardization of all the leaching tests for the environmental assessment of materials integrated to-date within the European landfilling and recovery regulations and more generally in all the assessment procedures of the behaviour of materials in Civil Engineering scenarios. These same tests are also being used as the basis for standardisation regarding emissions of hazardous substances from construction products. The latter is a measure of the importance of the movement initiated in 1991.

The French scientific community have been weakly represented in 1991. During the following editions of WASCON (every 3 years 2006, contributions from France, from Southern Europe (Spain, Italy, Portugal, Greece) and from Asia (Japan, China) have increased. The period 1995-2000 was the most productive. **French scientists and industrialists, very active in the field of waste stabilization, organized two international conferences organized for this topic: Nancy95 and Stab&Env Lyon 99.**

Given the importance of research and development underway in France in the field of **recovery of alternative materials in civil engineering** and the significant involvement of industry, producers, eco-industries or operators of civil engineering, France seems to have **the leader position**, contrary to its weak representation in 1991.

The activity of French research network on waste and polluted materials management **EEDEMS**, which group together INSA of Lyon, ENTPE, CSTB, BRGM and l'Ecole des Mines de Saint-Étienne, contribute to this position. **The presence of ISCOWA and the organization of WASCON 2009 have been entrusted to EEDEMS.**

#### **THE TOPICS OF THE CONFERENCE ARE:**

- Quantification and modelling of emissions (including Hazardous Regulated Substances in construction products and the implications for water quality management in urban areas)
- Developing new products and / or processes for the use of waste in construction
- New scenarios of utilisation and new waste streams (e.g. sediments)
- Environmental and health impacts
- Avoided impacts (depletion of natural resources, GHG emissions, products with high energy consumption)
- Economy recycling
- Industrial Ecology-waste recycling and territorial metabolism
- Multicriteria analysis and decision support tools (of Life Cycle Analysis, Material Analysis, Cost-Benefit Analysis, ...)

- Barriers and incentives to recycling (regulations, markets, eco-tax, conflict of interest between different industrial sectors, status and specifications of recycled materials (waste versus no-waste), social acceptance, producer liability)

### **PLANNED WORKSHOPS:**

- **Methodology and Policies for Environmental assessment of emissions from (secondary/recycled) construction products**
- **Application of percolation tests for the assessment of emissions from construction products**
- **Industrial feedback of practical use of waste in civil engineering – critical issues**

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