

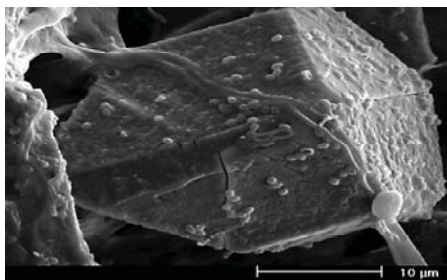
# Unravelling sustainable microbial carbon capture opportunities: CO<sub>2</sub>SolStock results dissemination on microbial carbonation

**Interested to learn about bio-assisted carbon sequestration opportunities?  
Want to know more about microbial carbonation and its industrial applications?  
Willing to pursue research in the field of biomineralisation applied to carbon capture?**

CO<sub>2</sub>SolStock is an FP7 R&D project of the "Future Emerging Technologies" Energy theme.

Launched in 2009, 5 European universities have joined and teamed up with a Belgian SME to explore sustainable solutions related to microbial carbonation pathways for CO<sub>2</sub> sequestration.

Experts of this consortium are now organising 2 separate events to present their results, recommendations and to discuss the technical challenges of bacterial CO<sub>2</sub> sequestration.



Register to our events on the CO<sub>2</sub>SolStock website at:

<http://www.co2solstock.eu/contact>

Follow the CO<sub>2</sub>SolStock Network on Twitter @CO2SolStock !

*Willing to benefit from an in depth training?  
For researchers:*

## **CO<sub>2</sub>SolStock Training - 10<sup>th</sup> February 2012 Brussels Natural Sciences Museum (Belgium)**

Participants are asked to build a poster on their work, insisting on possible links to the CO<sub>2</sub>SolStock approach, motivations

**Introduction** (Reception: 9am, session starts at 9:30am)  
• History of the CO<sub>2</sub>SolStock project

### **Background - Building up on existing knowledge**

• Natural Bacterial Carbonate Precipitation & prior art of stimulated bacterial precipitation: bio-cementation  
*Henk Jonkers, Faculty of Civil Engineering and Geosciences, Delft University of Technology (NL)*

• Presentation of the CO<sub>2</sub>SolStock database

### **Research avenues**

Addressing Challenges / Overcoming Road-blocks / Kinetics / Sequestration Impact and Side Benefits

- Subsurface carbon storage microbial opportunities
- Industrial ecology: wastewater treatment opportunities
- Ecosystem thinking: the oxalate-carbonate pathway

Each presentation of 45 min is followed by 15 min of questions and discussion  
Lunch to be planned within this section, 1h break

### **Poster session** (1h)

A time for discussions and exchange of ideas

### **Conclusion** (session ends at 6pm)

Impact wrap up & outlook

For more information on the project, contact the **Greenloop** team:

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