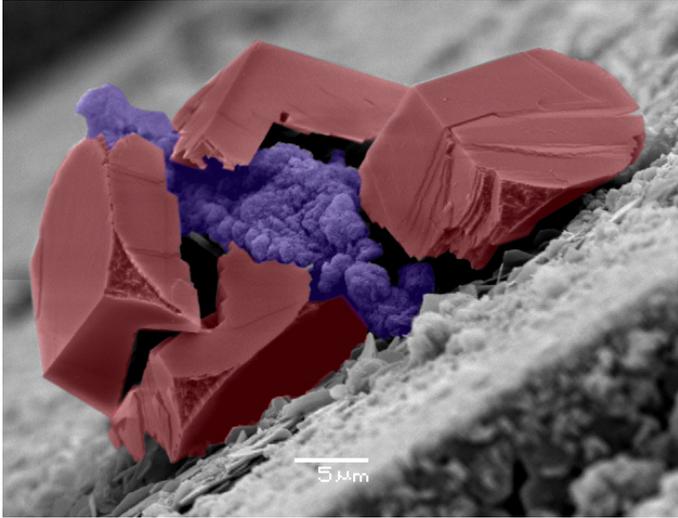


Newsletter from the SUCCESS centre – May 2012 – no. 1



Successful news

This is the first newsletter from the SUCCESS centre. Our intention is to inform about the activities in our project in a brief and easy-to-read way. The newsletter will be published on an irregular basis, but at least four times a year. To be on our distribution list, please send an e-mail to *Charlotte.Krafft@cmr.no*.

The nice picture above shows early formed magnesite (red) being replaced by a more stable carbonate phase (not yet identified). More pics at *fme-success.no*.

The SUCCESS winter seminar

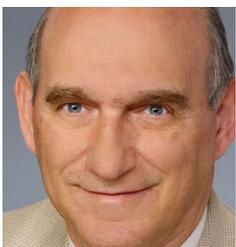
The 2012 SUCCESS winter seminar took place in downtown Bergen March 14–15 with 45 persons attending. As usual the spring gathering focused on preliminary results from our junior researchers (photo). The twelve presentations led to good discussions with feedback and ideas from the audience, a mix of industry and research partners.

Also present was the Norwegian Petroleum Directorate, presenting its CO₂ atlas, and Research Foundation Polytec, presenting some of its research on the challenge of pipeline transportation.



The SUCCESS scientific advisory group appointed

The centres for environment-friendly energy research (CEERs) are all supposed to have a scientific advisory group (SAG), consisting of topnotch specialists from the international research community. The SUCCESS SAG is now appointed (left to right): Stephan Bachu (Alberta Research Council), Dag Nummedal (Colorado School of Mines), Claus Otto (Shell International), and Nick Riley (British Geological Survey).



New SUCCESS partner

In 2011 SUCCESS could welcome Store Norske Spitsbergen Kulkompani AS as a full partner of the Consortium. Store Norske is the northernmost mining company in the world and has its head of-



office in Longyearbyen. It is the largest cornerstone enterprise on Svalbard with 350 employees. The company is an important contributor to a stable and robust community in Longyearbyen.

On the other hand Dong Energy chose to withdraw its partnership as of January 1st, 2012 due to a change of strategy in the company. SUCCESS strongly regrets this, but at the same time we thank Dong for their valuable contribution in the centre's opening phase.

MatMoRA lives on

The MatMoRA project (Geological Storage of CO₂ – Mathematical Modelling and Risk Analysis), one of the KMB projects cooperating with



the SUCCESS centre, finished in 2011. We are happy that a follow-up, MatMoRA II, now is financed and is starting its work. Helge K. Dahle, project manager of MatMoRA I, reports that the new project, running from

2012 to 2015, will address important questions regarding capacity estimates and long-term safety and risk factors related to geological storage of CO₂. Simulation technology plays an important role in pushing these knowledge frontiers, and the goal is to advance the state-of-the-art in numerical simulation of subsurface storage. SUCCESS looks forward to cooperate with MatMoRA II.

Meeting with science

RAMoRe, a collaborating research project on CO₂ storage, has its end conference in Oslo **May 10**. The project's main objective has been to establish technology for risk assessment, monitoring, and remediation of CO₂ underground storage. At the conference, results will be presented and discussed. Contact gudmundd@geo.uio.no for more info.

Longyearbyen CO2lab International Workshop will take place **September 17–20**. Main topics will be a summary of LYBCO2lab and Svalbard datasets and status on some international CO₂ storage projects. There will also be an excursion to the upper Triassic reservoir and Cretaceous cap rock section of Central Spitsbergen. Contact Alvar.Braathen@unis.no for more info.

The **SUCCESS fall conference** will be in the Oslo area **October 22–23**. Note the dates. More information and program will follow on our web site: www.fme-success.no.

SUCCESS (Subsurface CO₂ Storage – Critical Elements and Superior Strategy) is one of several Norwegian centres for environment-friendly energy research, funded by the Norwegian Research Council and industry partners. For more info and contact address: www.fme-success.no.