

GSOS – Gas Storage, Optimization & Service

SOCON's new specialist department

At SOCON a new department has been established to provide our customers with scientific consulting and support services in connection with gas storage. The customer-oriented approach is focused on thermodynamic and rock mechanics aspects.

The new department is called **GSOS** (Gas Storage, Optimization & Service) and is headed by Dr. Michael Krieter, who joined SOCON on 1 August 2007.

Dr. Krieter has been working for some 15 years in the field of underground gas storage, 14 years of which were with the E.ON Ruhrgas group. His experience gained as a senior engineer responsible for major projects and as project manager in cavern engineering will put the new GSOS department on the right track to becoming an interface between underground and surface engineering.

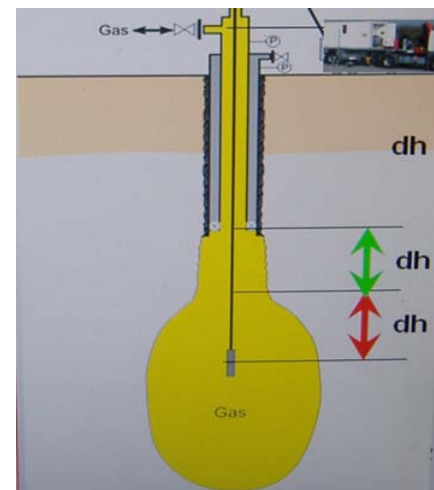
In cooperation with Prof. Hagoort (TU Delft), Dr. Krieter further developed the content as well as engineering aspects of the GASSTORE software. This software carries out thermodynamic calculations associated with gas caverns. From this was developed, in close cooperation with SOCON, the cavern simulation program CavBase Gas Storage, which has already been supplied by SOCON as the license holder to a number of gas storage operators. In each case the software is modified individually to customer requirements and then handed over ready for use.



Dr. Michael Krieter



Dr. Michael Krieter at his new SOCON workplace as head of the GSOS department



Enquiry response times shorter than ever

Response times to enquiries relating to gas storage are becoming shorter all the time. This is important considering that the annual operating routine of storage caverns will in the near future become more like that of traditional storage, in which gas injection and extraction can alternate on as much as an hourly basis.

SOCON is constantly further developing its cavern software so as to be able to properly handle future changes as they occur.

Dr. M. Krieter