

Profile of STORCONSULT

Underground Storage facilities have become a vital part of the supply chain that links upstream oil and gas activities, such as exploration and production, with downstream transport and distribution to consumers. They are representing an effective and efficient means to safeguard the security of energy supply in peak demand periods with steady supply flows or in unanticipated emergency situations arising out of sudden disruptions of supply.

STORCONSULT stands for expert consulting in planning, construction and operation of all subsurface parts of large volume underground storages for natural gas, crude oil and hydrocarbon derivatives as well as for innovative storage solutions, e.g. compressed air energy storage (CAES), CO₂ storage, and waste disposal in abandoned caverns and mines. A core group of underground storage experts is offering its services as free consultants, namely:

- **Christine Behrendt, BA Documentation/Technical Author**, special expertise in: information & knowledge management, technical documentation, QHSE certification and authority engineering
- **Dr. Stefan Folle, MSc. Geology**, special expertise in: exploration & exploitation, geological well planning/evaluation, cap rock density determination for storage optimization, site studies, long run safety analysis, PM
- **Uwe Schmidt, MSc. Civil Engineering**, special expertise in: rock mechanics for design/optimization of new/existing caverns and for evaluation of salt mines, abandonment of caverns; authority engineering; capex/opex estimates for complete storage facilities, due diligence studies; PM

Whereas each member of the group is working as an independent Consultant in his own name and for his own account together they are constituting an experts' network for underground storage having its central office in Hannover/Germany. Virtually **STORCONSULT** is a "Nodal Firm", without being itself an entity by law, where experts of different disciplines can join their individual qualifications in a network tailor-made to actual project requirements. The core group intends to gradually expand the experts' network by establishing interdisciplinary cooperations with other free Consultants in the field.

When networking in a particular project the individual consultants will organize themselves either in the form of a Contractors Consortium with joint and several liability of all partners or one consultant of the core group undertakes the role of the General Contractor and subcontracts the others. This enables **STORCONSULT** to perform large and complex project tasks dealing with all subsurface aspects of underground storage.

Large volume underground storage takes place either in man-made salt caverns or in natural porous rock formations such as aquifers and depleted oil and gas reservoirs. All three types of underground formations are covered by the **STORCONSULT** experts' network in offering the following services:

- (Pre-)Feasibility Studies
- Due Diligence Studies
- Site Investigations
- Geological/Geophysical Investigations
- Authority Engineering
- Conceptual/Basic Engineering
- Detailed Engineering
- Planning of Drilling Operations
- Reservoir Evaluation
- Rock Mechanical Evaluation
- Solution Mining
- Project Management (PM)

Contact:

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