Research topic
Detection of block falls in salt caverns used for energy storage

Case studies
Manosque (France)
Teeside (UK)

Leader and consortium
Brouard Consulting, Geostock, Armines, BRGM

Budget
777 k€

Funding
354 k€

Timescale
09/2018-09/2021

Contact
contact@brouard-consulting.com

OBJECTIVES
Risk analysis of block fall in salt caverns
3D Modeling of cavern waves triggered by a block fall
Design/manufacturing/patenting of a Plug & Play real-time detection system
Pilot test at Manosque facility

SHORT TERM MARKETABLE DELIVERABLES
Rock fall monitoring on underground H₂ or compressed-air storages worldwide