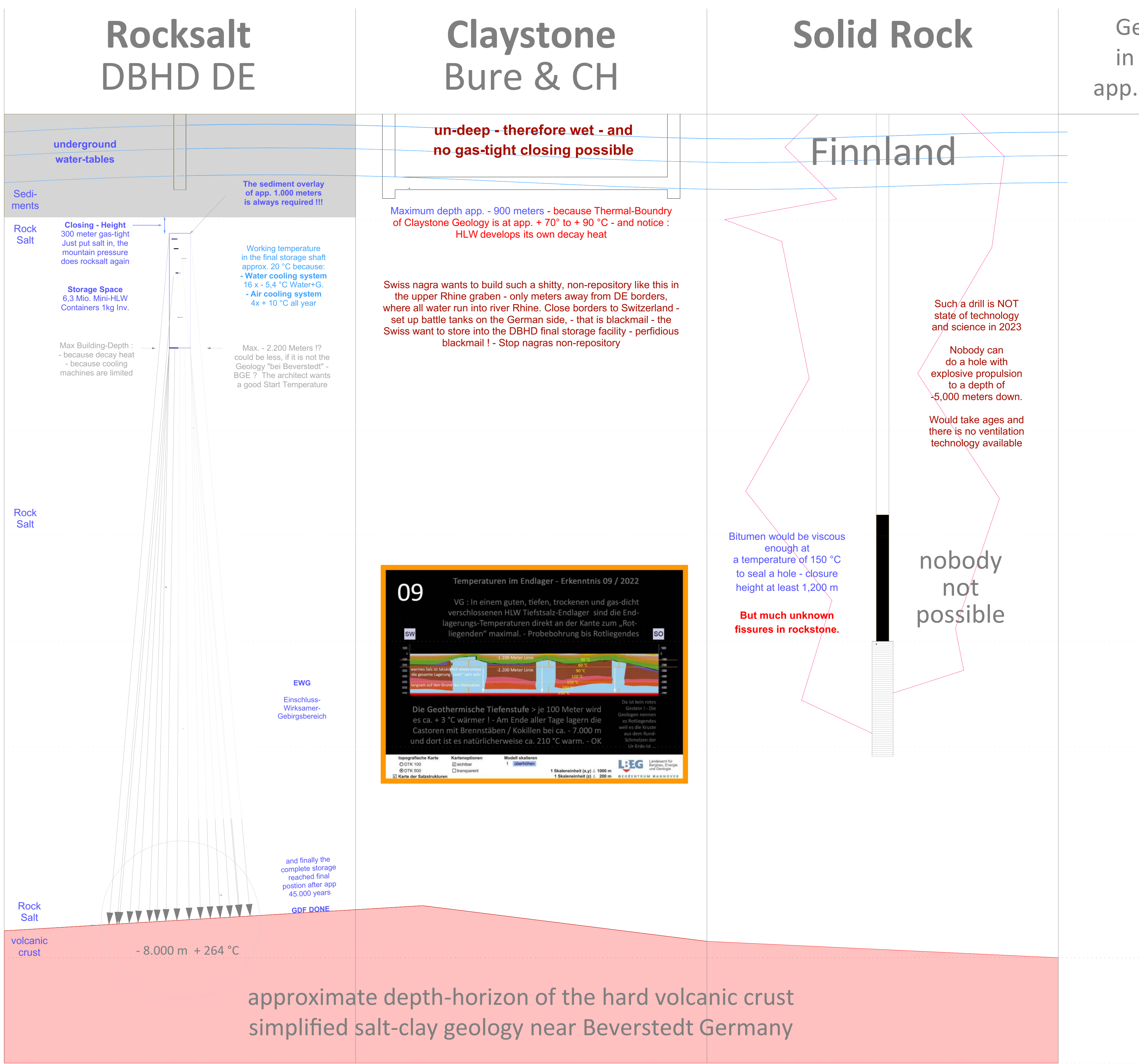


Engineering-geological criteria depth/temperature for HLW repository

"Compressed" scale 1:10 - real bore diameter - but the depth is divided by 10

The view of the construction planner on the technical possible options in the 3 host rock types checked for final HLW disposal



+ 400 °C Temperature-Boundary Grenz-Temperatur Stand AG for HLW containers - steel becomes weak quickly at + 728°C

in Rocksalt
works perfect offers :
LONGTERM SAFETY
1.100 - 7.800 m

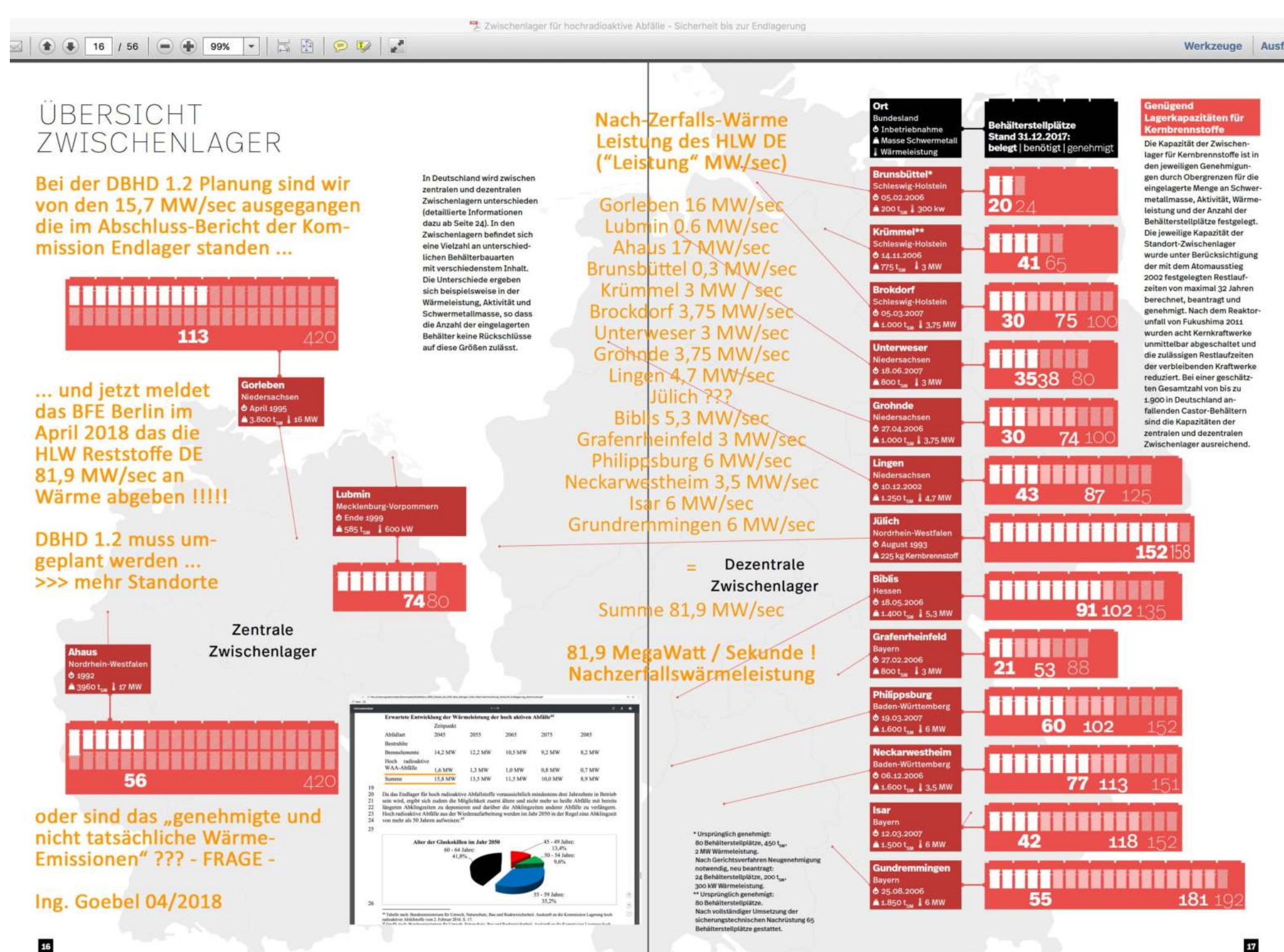
in Clay Stone
NO safe GDF possible !!!
with today's knowledge & technology
900-meter

in Solid Rock
always fissured ! was once liquid
Only by blasting Not buildable
3.800 - 6.090 m

Plan-Author :
Dipl. - Ing. V. Goebel
12 y. planning the HLW GDF
05.11.2022



<https://www.ing-goebel.de>



This is by knowledge and active construction work over 12 years by a German Engineer in Architecture and master of metal industry

DBHD 2.0.1 plan has to be verified by a Comsol FE calculation including the viscosity of rocksalt. Statics & Thermodynamics

