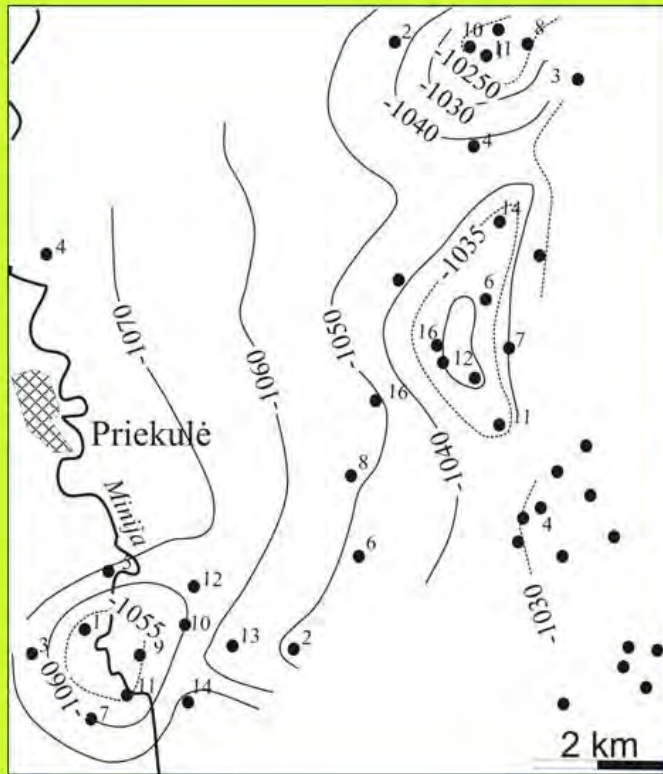
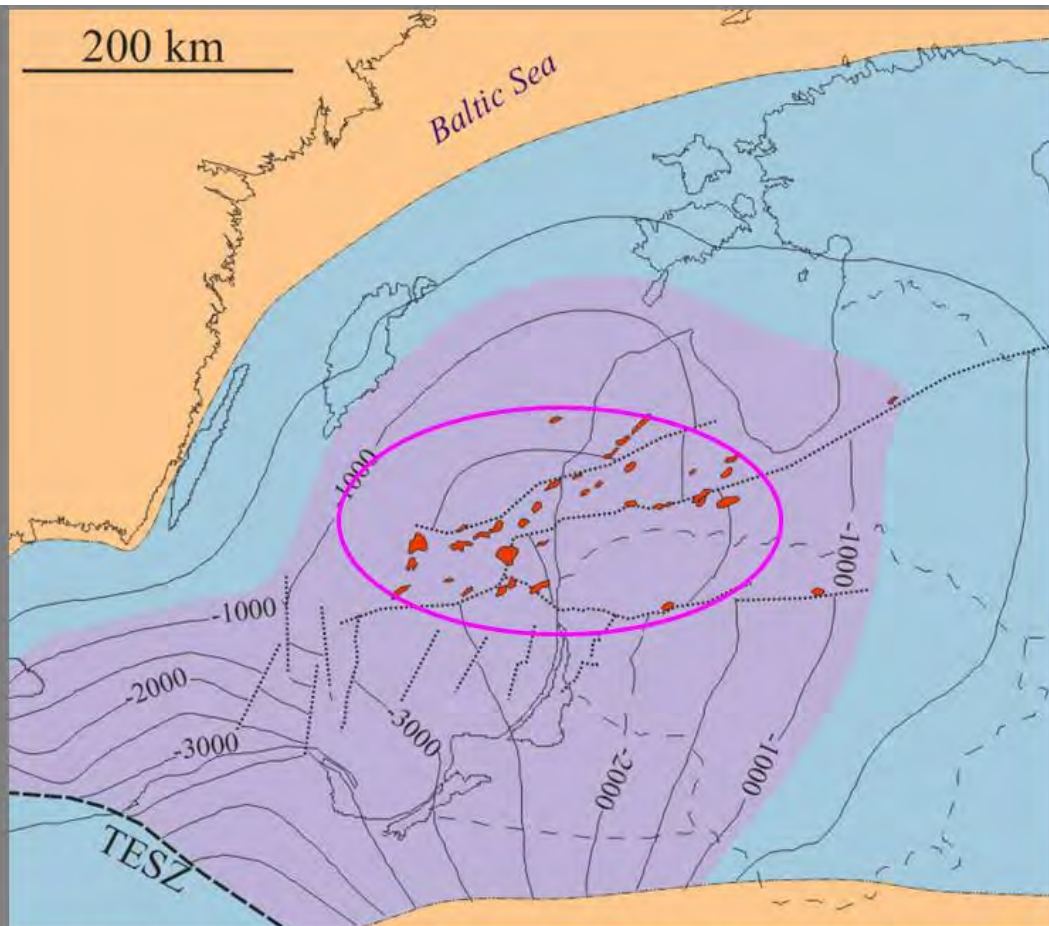
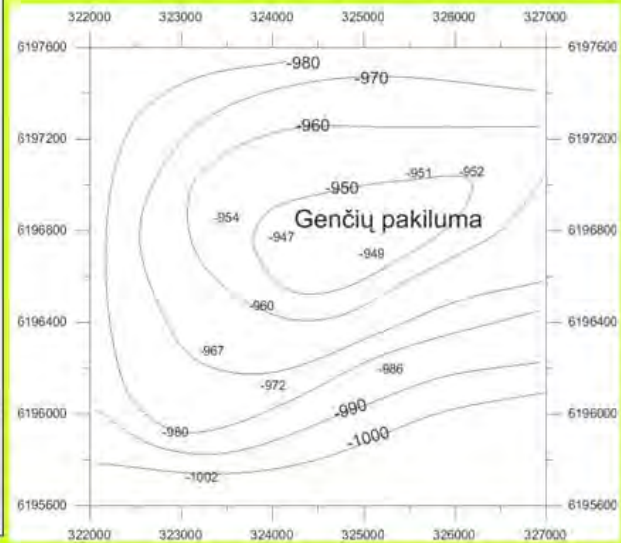


Gargzdai area

### Structural map of top of D1 reservoir, west Lithuania



Structures are of very low amplitude (dozen meters)

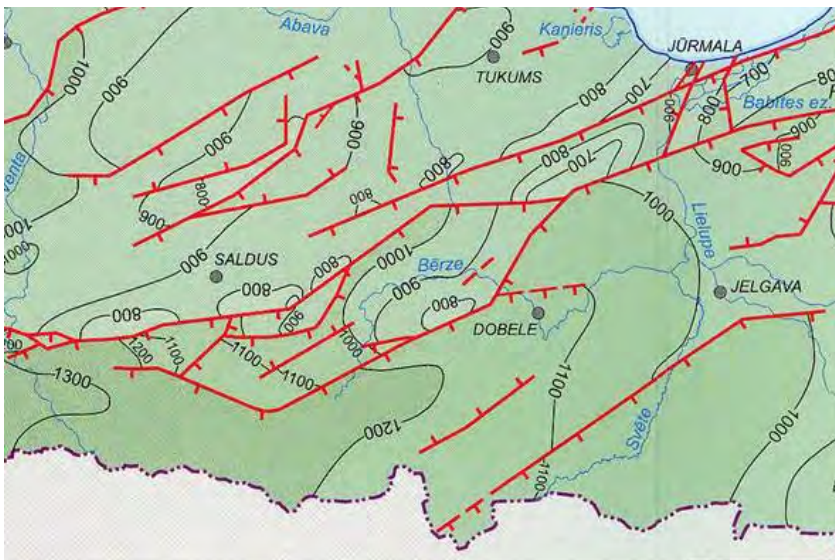


Major Cambrian aquifer saline water structures (34 in total)

## Tectonic structures potential for CO<sub>2</sub> storage, Latvia



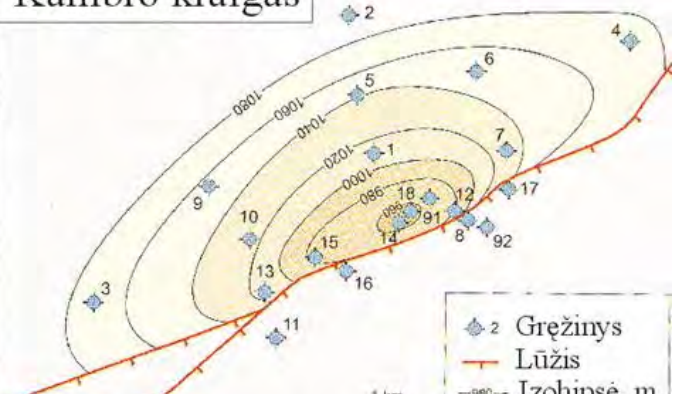
Seismic coverage of the Latvian territory. Green is one-fold reflection, blue – refraction, black – CDP



Dobele structure

Tectonic Map of central Latvia

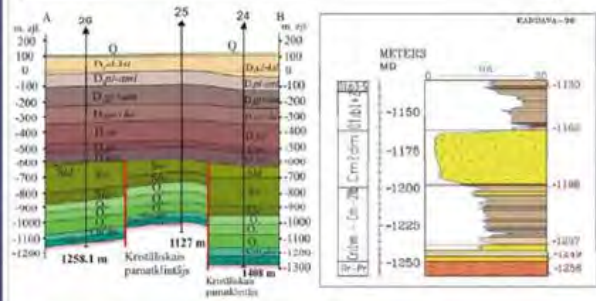
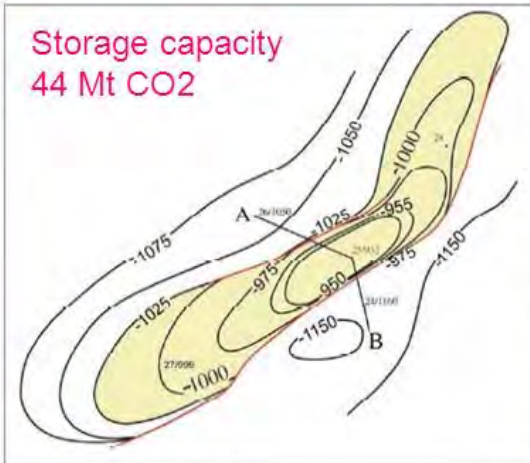
Kambro kraigas



## South Kandava



Storage capacity  
44 Mt CO<sub>2</sub>

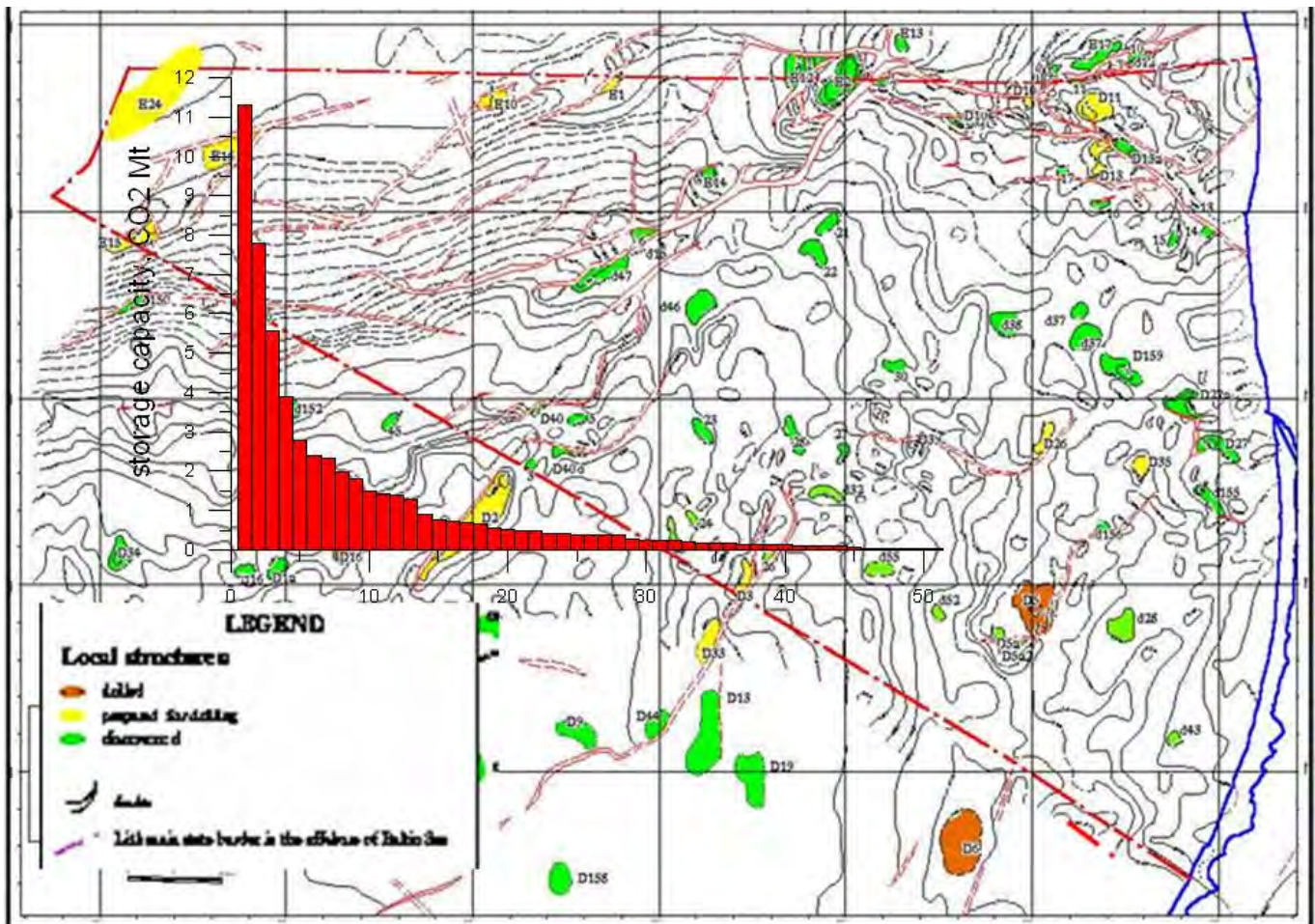
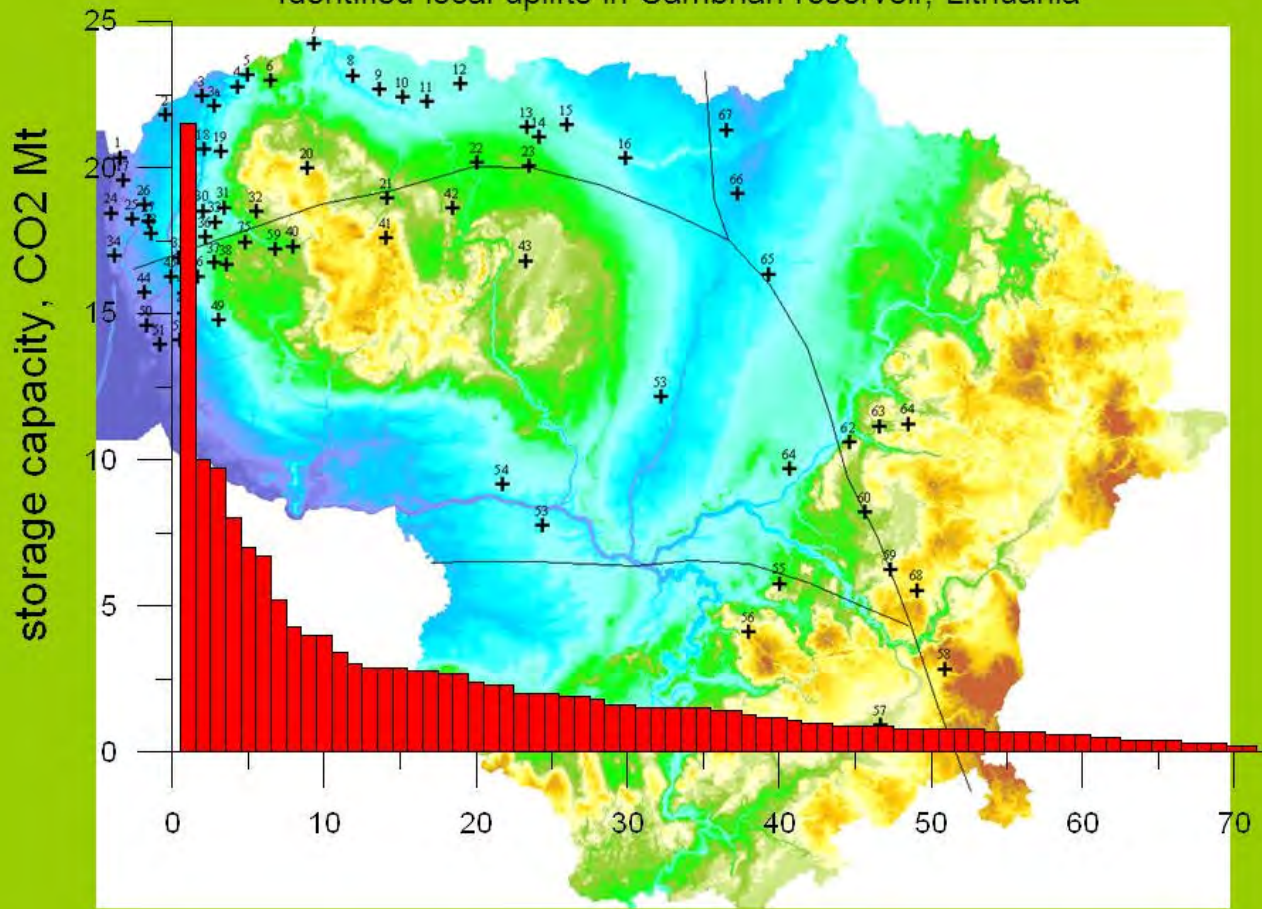


- These structures were determined by seismic investigations and studied by four (Luku-Duku) and five (South Kandava) boreholes.
- South Kandava is brachyanticlinal fold structure of north-eastern stretching located in the centre of Latvia.
- The south-eastern and north-western flanks of the brachyanticlinal fold are bounded by faults.
- Its area is about 69 km<sup>2</sup>, thickness of reservoir is 25-36 m.
- The top of reservoir rocks represented by sandstones of the Middle Cambrian Deimena Formation located at the depth of 1053 m. They covered by argillaceous rocks of Lower Ordovician Zebrus Formation.





Identified local uplifts in Cambrian reservoir, Lithuania



Syderiai uplift,  
West Lithuania

Storage capacity 22 Mt  
CO<sub>2</sub>

Excellent cap rock  
Good reservoir properties  
Favorable depth

