LARGEO provides integrated interpretation of geological and geophysical data, including structural interpretation and reservoir analysis.

Structural Interpretation

- Geological interpretation of well data
- Well-log to seismic ties and structural interpretation of seismic data sets
- Seismic sequence analysis, identification, positioning and detailed mapping of faults, subsurface geological mapping of target areas

Reservoir Analysis

- Number of AVO and Inversion techniques:
- Inversions (acoustic, elastic, spectral, stochastic)
- Seismic attributes analysis o AVO analysis and modeling
- Post-stack inversion o Probabilistic Bayesian lithology / fluid classification
- Seismic facies analysis
- Developing of reservoir model including the spatial distribution of important petrophysical parameters, such as lithology, permeability, porosity, saturation
- Assessment of reservoir parameters and volumetric through integrated reservoir studies using seismic facies classification, seismic inversions, AVO and seismic attribute analysis

