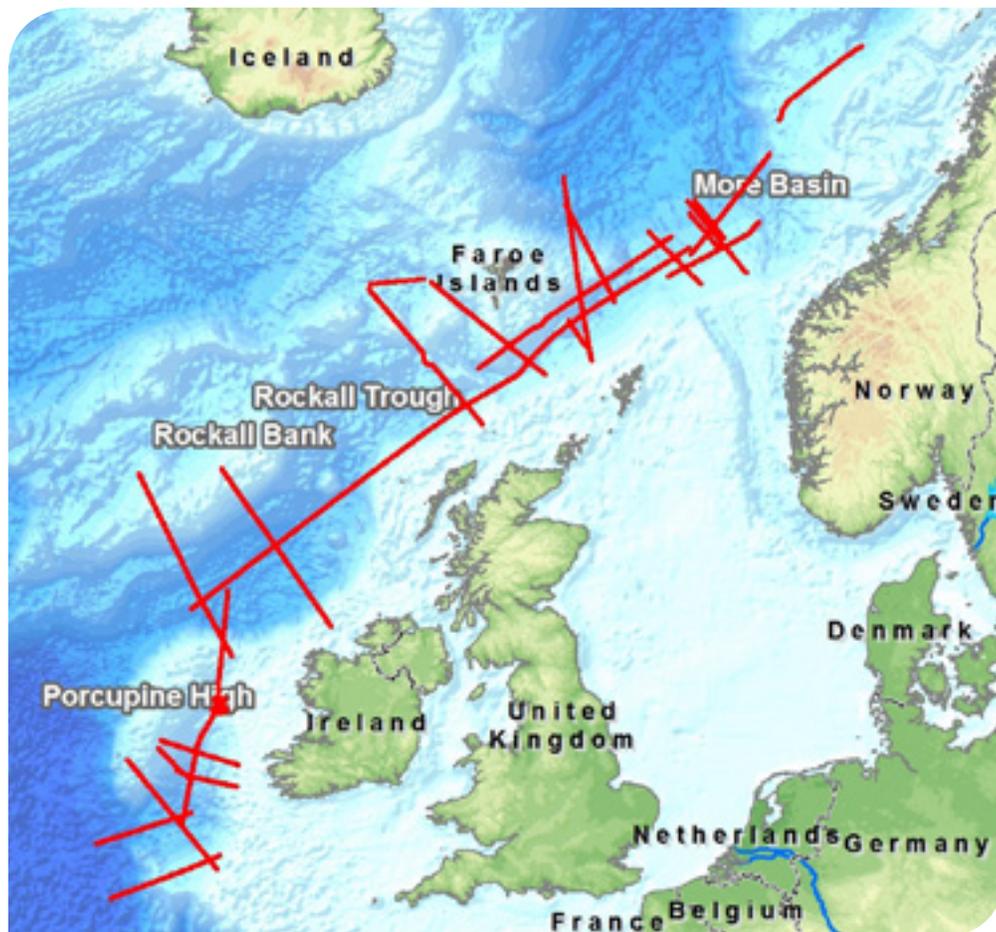


Northeast AtlanticSPAN

PROGRAM OVERVIEW

Northeast AtlanticSPAN™ is a large, regional 2D seismic survey extending from the Porcupine Basin in South West Ireland through the Rockall Basin, the Faroes and Shetland Islands and into the Norway Sector consisting of approximately 7,500 km of new seismic data. This program has been specifically designed to image the less explored areas within the region that are recognized to have hydrocarbon potential below thick basalts.

The Northeast AtlanticSPAN provides new insights into the architecture of the Atlantic Margin by increasing the effectiveness of the existing data sets with improved event identification and cross-survey correlation, resulting in improved, cost-effective interpretation, mitigating geological exploration risk and increasing the probability of success.

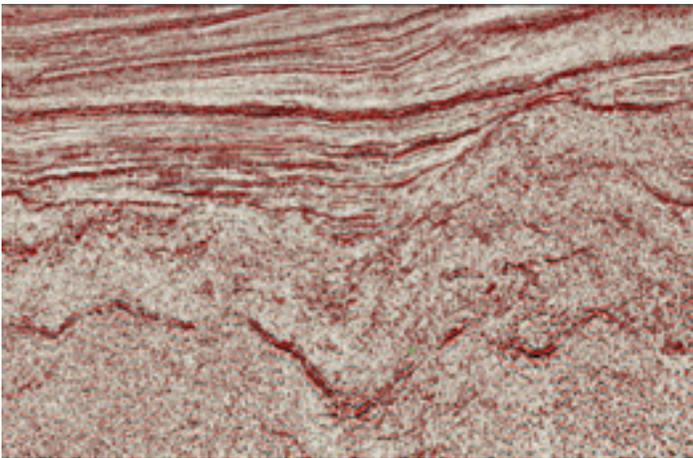


PROGRAM OBJECTIVES

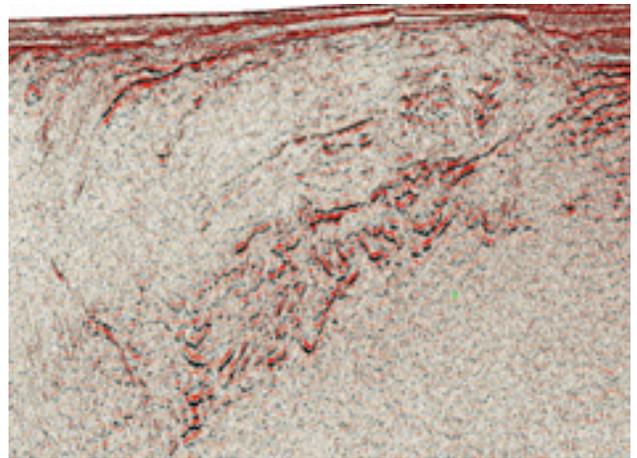
- Provide regional ties across existing seismic surveys and deep exploration wells
- Provide improved imaging of deep structures including base basalt, intra-basalt reflectors, sub-basalt structures and deep crustal structure including the Moho, across the margin
- Provide improved regional velocity control throughout the margin
- Define ocean-continent transition zone and sediment input points in deep-water Norway
- Complement existing shallow data

KEY COMPONENTS

- The only contiguous survey of the Northeast Atlantic margin from Ireland through the Faroes, the Shetland Islands and the Norway sector
- Program design and layout were driven by known regional geology with acquisition specifically targeted for sub-basalt extrusion and sill imaging in Rockall, Faroes, Shetland and S. Norway
- 18 sec records, 9,000 m cables and a specially designed, large volume source with deep tow configuration
- Improved understanding of depositional fairways and facilitates basin-wide stratigraphic correlation



Example of PSTM dataset from Northeast AtlanticSPAN—Phase 1



PSDM line section across northern basalt province showing interval of potential sedimentary rocks below basalt

ABOUT BasinSPAN™

BasinSPAN surveys are geologically inspired, basin-scale seismic data programs acquired and depth-imaged using the most advanced geological and geophysical processing tools available. They provide upstream companies with the ability to evaluate the geologic evolution, deep basin architecture and depositional and structural histories of entire petroleum systems in a region. Our global 2D BasinSPAN library consists of data from virtually all major offshore petroleum provinces providing asset managers significant risk mitigation as they develop exploration and appraisal programs with greater confidence.

BasinSPAN@iongeo.com | iongeo.com/Data_Library