

Pre-Quaternary Bedrock Map of Land and Sea Areas in Northwest Europe, 1:4 Million

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The Geological Survey of Norway has, in cooperation with the geological surveys of 22 countries, compiled a pre-quaternary bedrock map of NW Europe in the scale 1:4 million. For the first time, the geology of both land and sea areas is presented for this large region.

The area covered extends from East Greenland to Novaya Semlja in longitude, and from Spitsbergen to the northern coast of France in latitude, including the western parts of the Russian Platform.

The participating countries are: Belgium, Czechia, Denmark, Finland, Estonia, France, Germany, Great Britain and Northern Ireland, Iceland, Ireland, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Russia, Slovakia, Sweden, Ukraine and White Russia.

The geology includes rocks of all ages from Archaean gneisses to recent basalts extruding along the Mid-Atlantic ridge. In addition to the geology, the map shows fault zones, escarpments, spreading axes, oil fields, deep-sea drilling sites, magnetic reversals, and the boundary between continental and oceanic crust.

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The poster shows the final hand-coloured version of the map. The map will be digitised and is expected to be published in the beginning of the year 2001.