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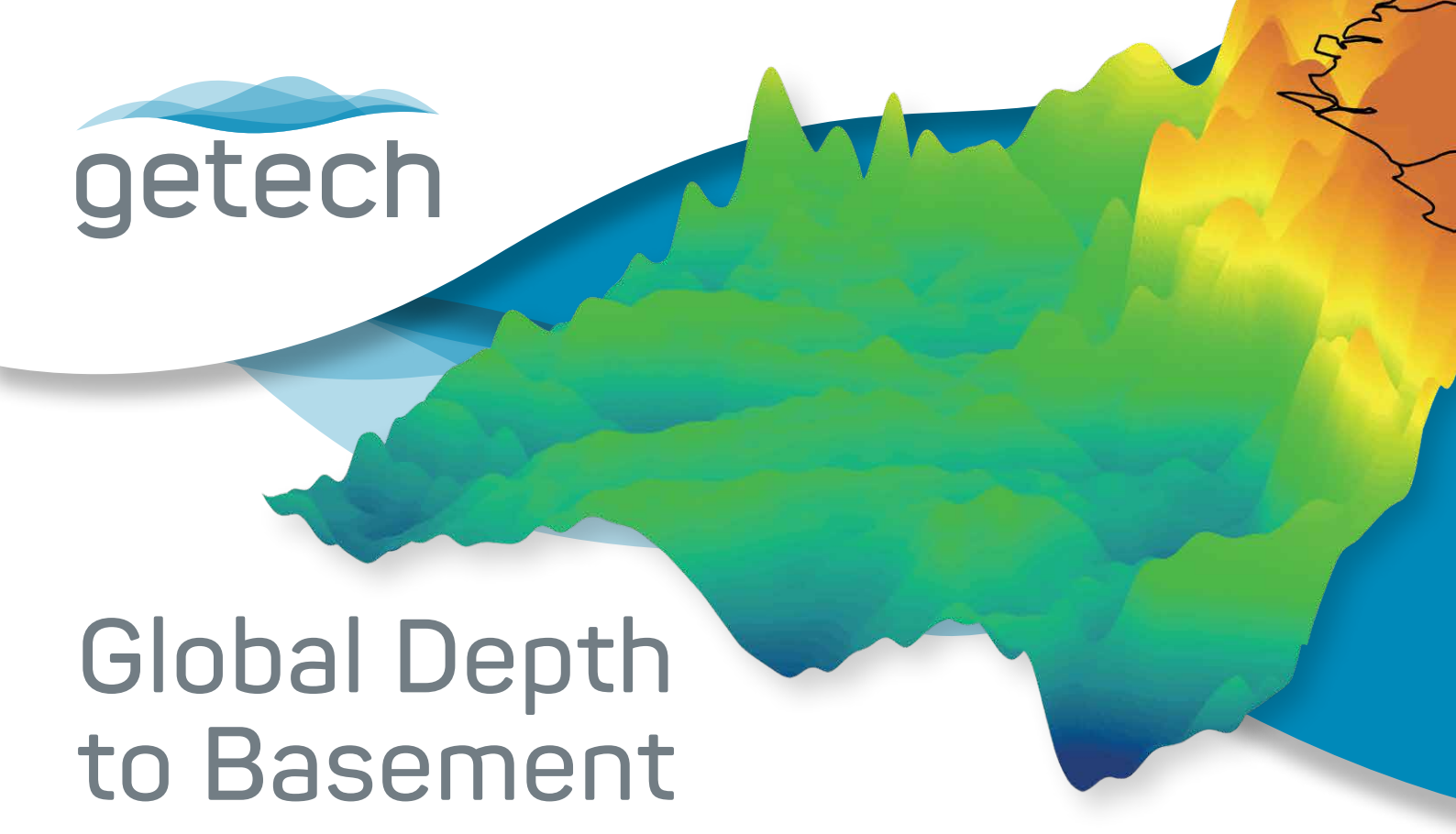

Global Depth to Basement

Further your understanding of hydrocarbon prospectivity with our depth to basement and sediment thickness estimations

Underpinned by our world-leading gravity and magnetic coverage and an innovative methodology, our Global Depth to Basement data product helps you kick start your evaluation of hydrocarbon prospectivity and provides a robust framework to enhance your interpretation using in-house data.

USES

Global Depth to Basement can be used as part of an integrated exploration campaign to:

- Identify sedimentary basin areas and their extents.
- Quantitatively assess sediment thickness and the impact on hydrocarbon prospectivity.
- Provide input into basin modelling for hydrocarbon maturity.
- Help understand the local thermal regime in both conventional and unconventional settings.
- Give constraints for structural/tectonic modelling.
- Provide insights into basin evolution.
- Plan and target future exploration efforts.
- Get a head-start when evaluating new areas.

BENEFITS

Our Global Depth to Basement data will enable you to:

- Estimate sediment and crustal thickness for all onshore and continental margin areas of the World (where coverage allows).
- Utilise results from an innovative workflow using both gravity and magnetic inversions constrained by a global database of well and seismic data.
- Effectively and efficiently high-grade areas for further exploration.
- Integrate your proprietary data into a robust, consistent regional framework.

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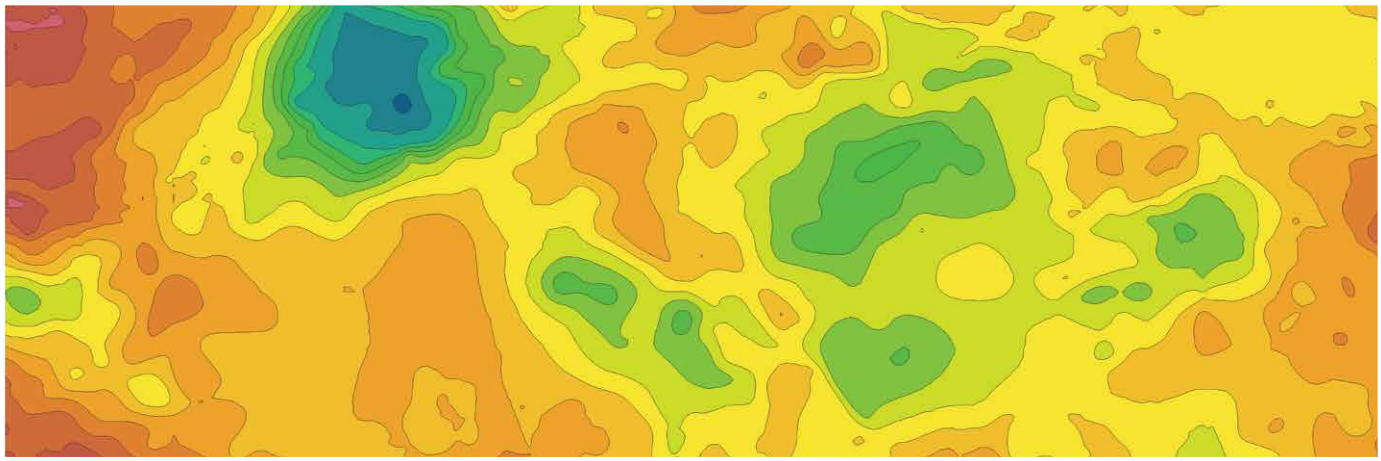
KEY FEATURES

Global Depth to Basement provides a vital set of tools needed for regional basin screening. Our market-leading proprietary workflow leverages our global gravity and magnetics to address the challenges of undertaking such a project on a global scale. The results comprise:

- An innovative integrated methodology including magnetic depth estimate, gravity inversion and magnetic inversion that compensates for variability of input data coverage and resolution.
- A data-driven approach using seismic, well and receiver function data to address the challenges of varying geological provinces and parameterisation.
- Gravity inversions for Moho depth based on cross-correlation with independent constraint data.
- Finite thickness corrections for magnetic depth estimates which significantly improve accuracy near continental margins.
- 5 km resolution grids of Depth to Basement, Depth to Moho, Sediment Thickness, Crustal Thickness and Beta Factor.
- Input gravity and magnetic data specifications and images.
- Confidence overlay based on input data and constraints.
- Constraint details and XYZ values.
- ArcGIS project & technical report.



To learn more about Global Depth to Basement Data email **info@getech.com** or visit **www.getech.com**

ABOUT GETECH

With a unique blend of geoscience and GIS expertise, Getech supplies the expertise, support and knowledge that companies and governments need to better discover, develop and manage Natural Resources. Our customers work across a wide range of industries including petroleum, mining, nuclear and water. Our data rich products, GIS solutions and trusted advisory services help our customers to achieve their business goals of cost control, operational excellence, regulatory compliance and environmental responsibility.

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