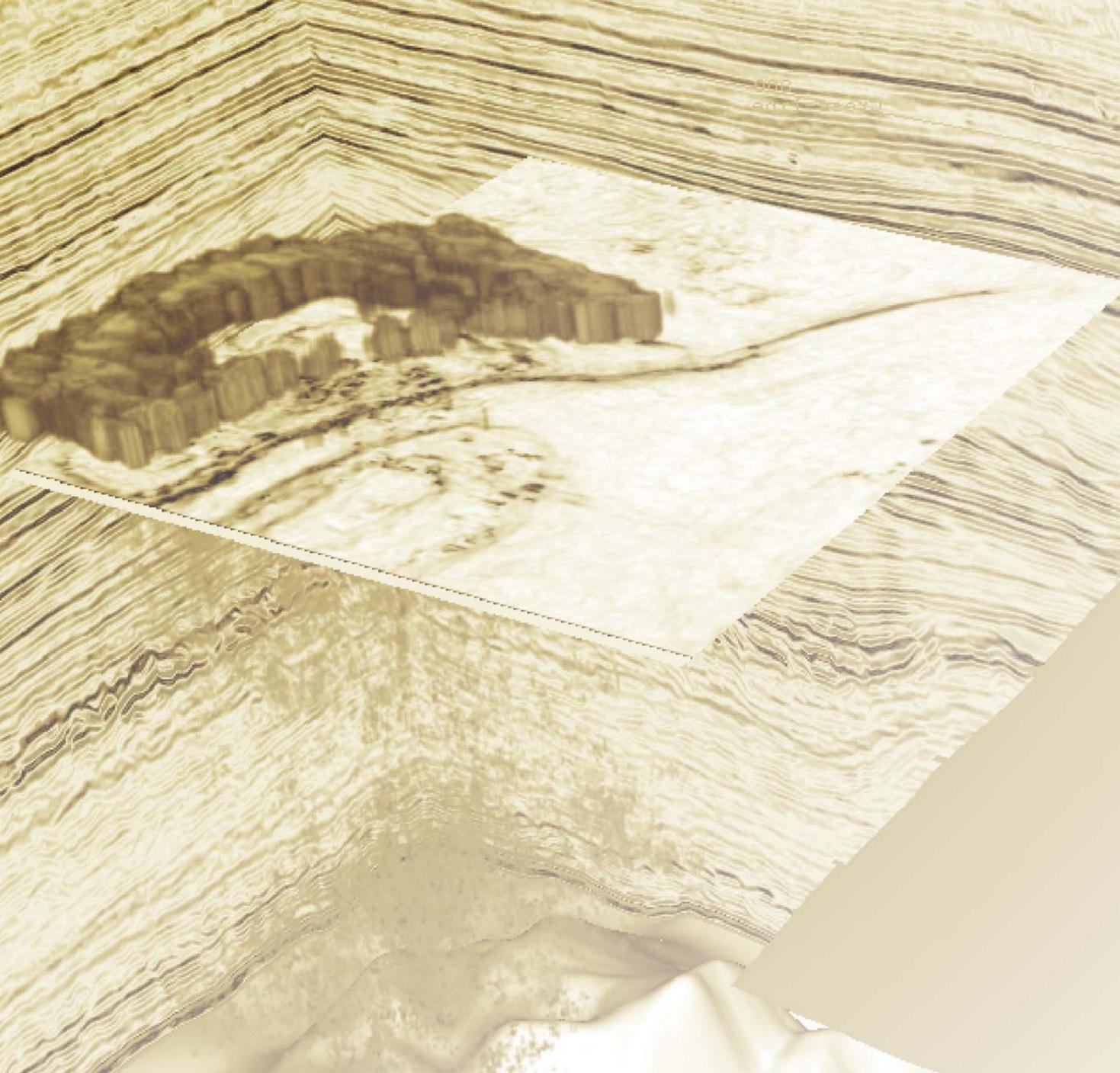


# Openness Sparks Ingenuity





# Open

Open Source has altered the seismic interpretation landscape. It stimulates research and shortens the time from concept-to-customer. By adopting a unique Open Source business model built around our flagship seismic interpretation software, OpendTect, dGB has given the seismic community a vehicle for extracting more information from seismic data and developing new tools—faster, cheaper, and better.



## Vision

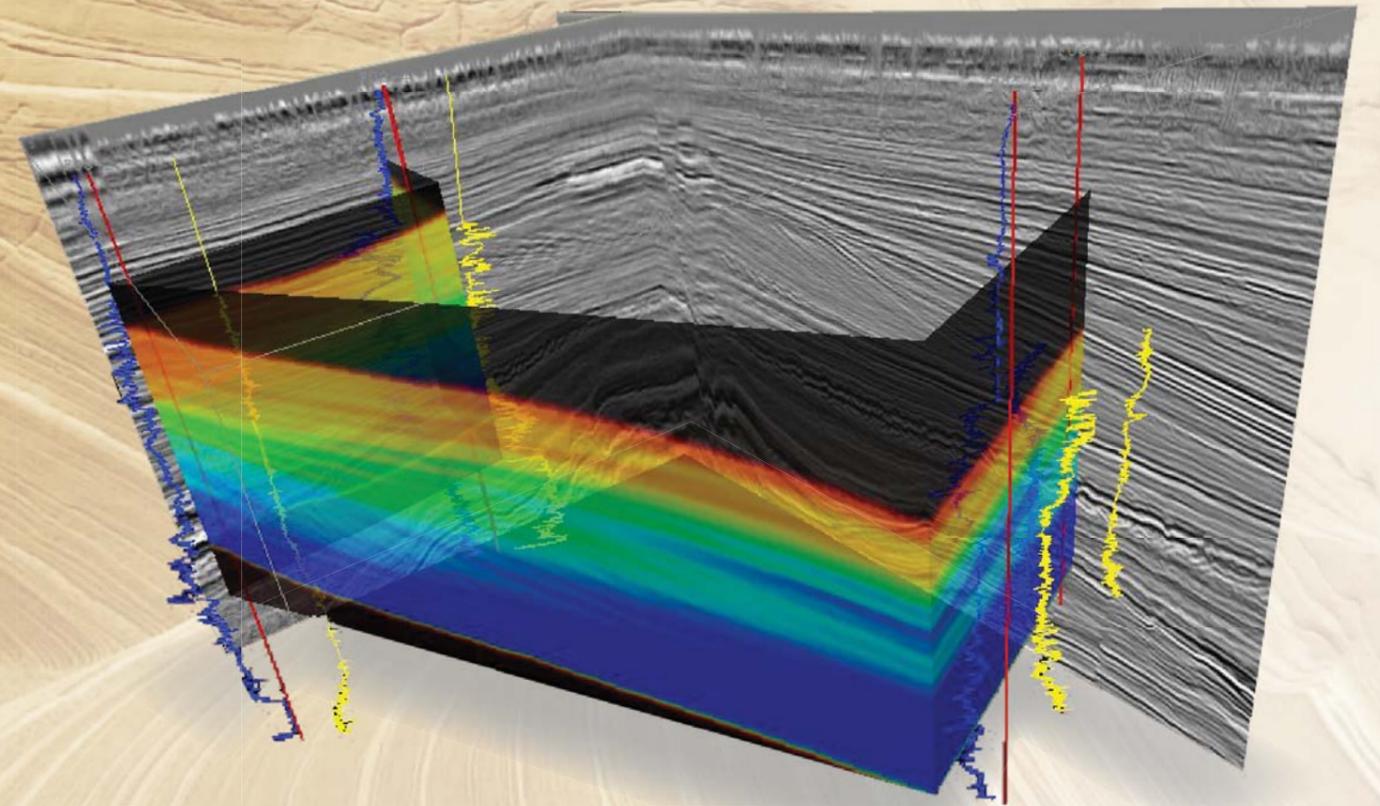
Since the start of dGB in 1995, we have been committed to openness, transparency, and collaboration. Time and again, we have produced software at the forefront of seismic interpretation technology. We have a proven track record of solving difficult seismic interpretation problems—some that were even considered “unsolvable.” We solve them through proprietary case studies and software development projects. Our project geoscientists and software developers closely and frequently interact. This ensures that our solutions are not only ingenious, but also user-friendly, practical, and verifiable.

OpenSource

# Ingenuity

Nowadays, pseudo-wells, neural networks, meta-attributes, chimney cubes, dip-steering, chronostratigraphy, and Wheeler transforms are practically household names in the seismic interpretation world. dGB played a pioneering role in introducing these technologies in the realm of seismic interpretation.

A good interpretation integrates all available data and knowledge into a consistent geologic model. If we can extract more information than what is possible with conventional methods and work flows, a good interpretation may become a brilliant interpretation. This requires unconventional thinking and an atmosphere in which experimentation, dedication, and flexibility are encouraged. This is what we aim for in our case studies and in software development projects. And this philosophy is what gave the seismic community its first Open Source seismic interpretation system and unique plugins, such as Sequence Stratigraphic Interpretation System, Neural Networks, Dip-Steering, Common Contour Binning, and Velocity Model Building.



## Excellence

“dGB's business model promotes sharing ideas and advancing technology Together.”

*Jean-François Dutzer, R&D Project Manager - GDF-SUEZ*

“dGB's flexible, fast-growing software portfolio gives individual users and large companies the possibility to be creative and the power to break barriers.”

*Paul Meldahl, Senior Geophysicist - StatoilHydro*

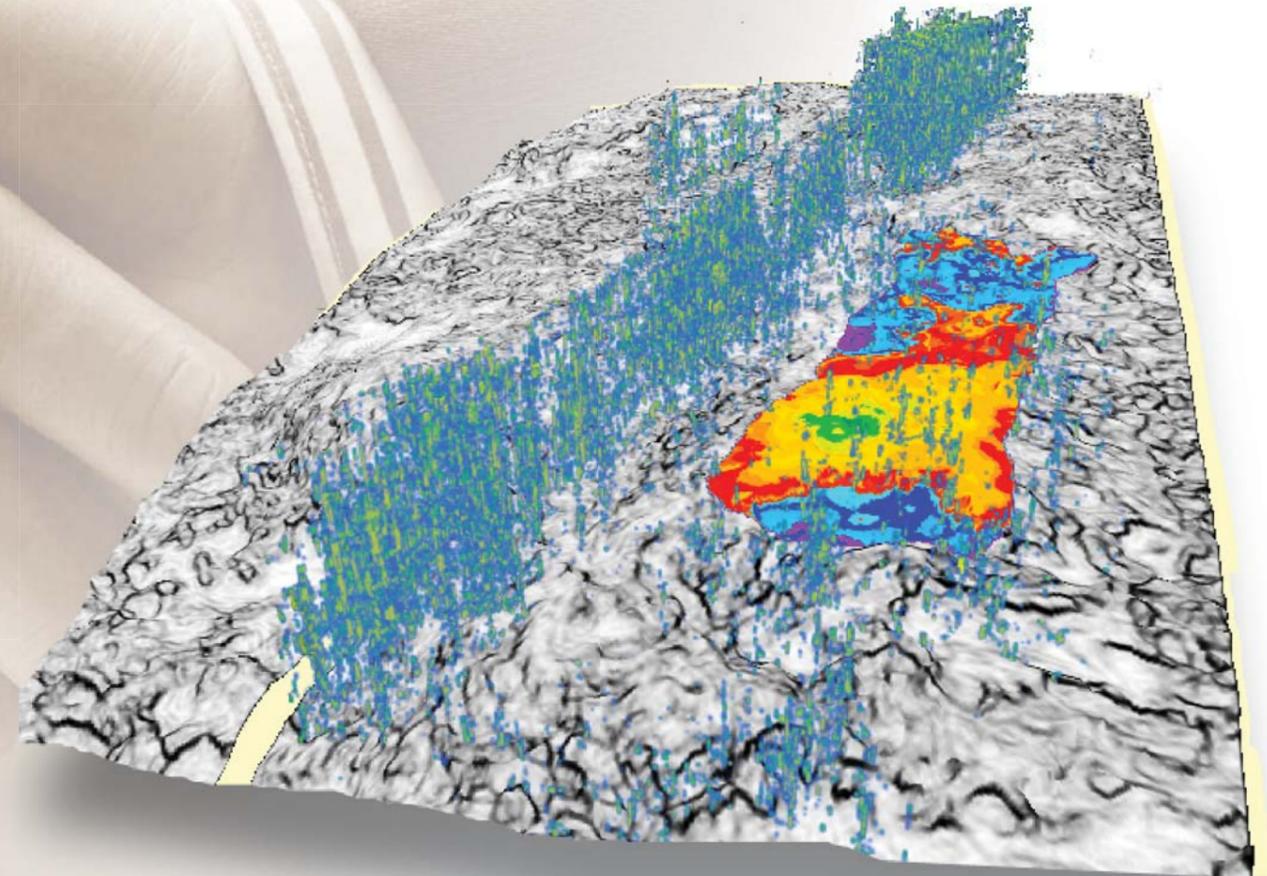


# Collaboration

“It occurred to me that hydrocarbon-related seismic amplitude anomalies could be enhanced by stacking traces along depth or time contour lines at Top reservoir level. To prove the concept, my colleague Jan-Gabe van der Weide and I developed a work flow that involved getting data in and out of a spreadsheet. Although the work flow was laborious, it did work, and we were able to accurately pinpoint Gas-Water contacts in several pilot studies. As the word got out, other colleagues wanted to use our tool in risking their prospects. Eventually, the demand for CCB increased, and it became clear that we needed a professional piece of software to do this kind of work, and further exploit the concept. So, we approached dGB to see what could be done in OpendTect. Within a few months, the Common Contour Binning plugin was developed and tested on a number of proprietary case studies. To ensure further development, we granted dGB the right to market CCB as a commercial plugin. This collaboration has been mutually beneficial: we have the tool we need to scan our entire prospect portfolio for amplitude anomalies and dGB has expanded the OpendTect product family with a new commercial plugin. A true win-win.”

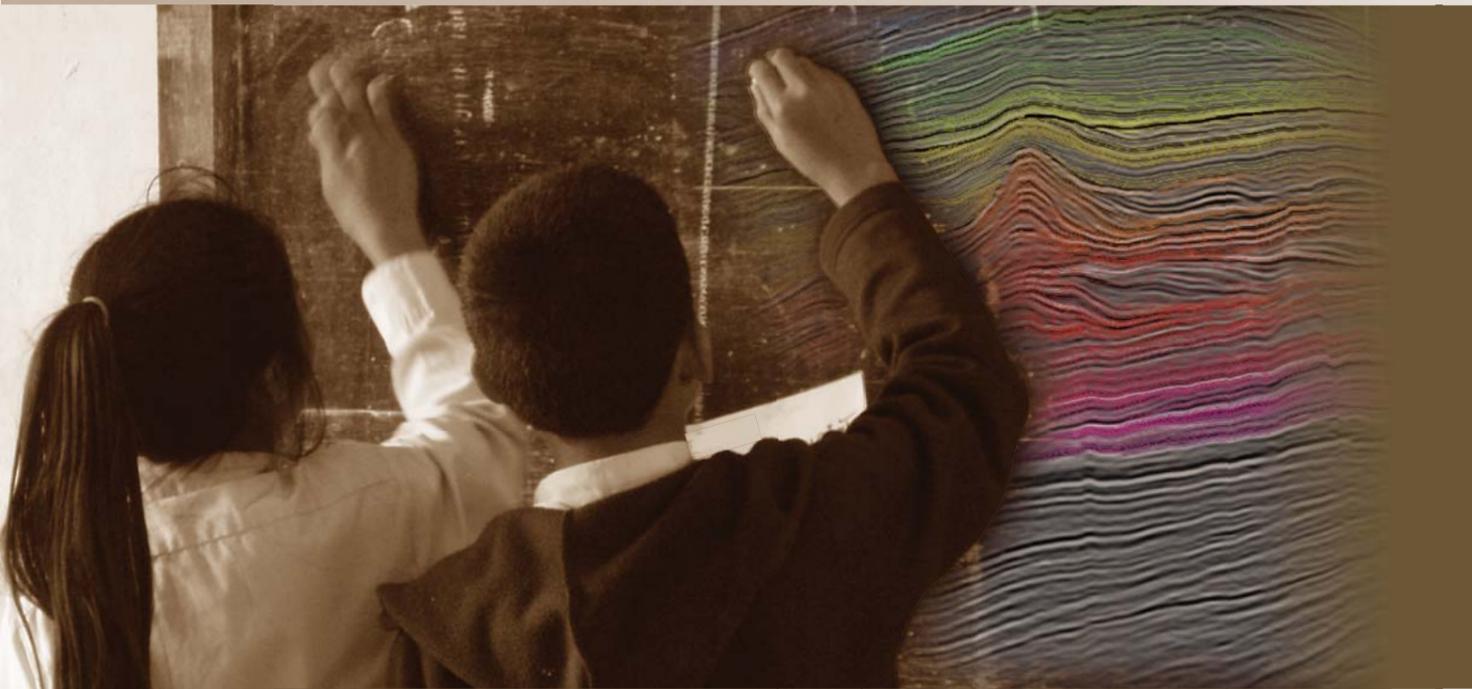
Andries Wever,  
Geophysicist  
Wintershall Noordzee BV.

## From Concept-to-Customer: Common Contour Binning



## Advancing technology together

Our business model requires collaboration in three keys ways. First, we work closely with other leading edge service companies, too. The results? Our customers benefit from having a broad spectrum of geo-scientific interpretation and processing services to meet their specific needs. Second, we collaborate extensively with other software vendors who develop proprietary, commercial plugins for OpendTect—our Open Source seismic interpretation environment. We directly market their products and give first line support. Third, we collaborate with our clients to develop bold new software, like the Common Contour Binning software developed with Wintershall. In fact, several key products were developed in multi-client sponsored projects, such as our Sequence Stratigraphic Interpretation System (SSIS). Other developments are funded by single clients.





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