



The Exploration and Production Information Services (EPIS) is a department of the Agencia Nacional de Hidrocarburos (ANH) Colombia. EPIS is the National Data Repository (NDR) serving the oil and gas industry. In 2009 EPIS changed their operations model in order to allow for a wider exposure of their data, make the NDR easier for the end-user, and reduce costs.

## Goals:

The ANH decided to change their business model to concentrate on outcomes that would make a difference to investors and regulators alike. These goals related to their business model, including:

- **Promoting exploration activities in their country:** the NDR must support the economic development of Colombia by providing and promoting an easy and secure access to the E&P information to oil companies interested in the natural resources of the country.
- **Preserving E&P Information:** preservation and confidentiality and security of the E&P information must be guaranteed as the great value it holds as a State asset.
- **Serving the information management needs of the oil and gas industry:** guarantee quality, efficiency and transparency.
- **Supporting their regulatory framework:** improve the ability to govern through a competent operational organization and a technological infrastructure to support it.
- **Participating in the strategies and policies of their NDR:** the contractual model must give a reasonable level of control over the operations of the NDR.

## Strategy:

EPIS developed a new model for the NDR. The new strategy is based on an outsourcing model, allowing for cutting-edge software, service and operations. EPIS decided to retender their NDR to include three separate contracts for operations, data centre services (hosting, and maintenance) and software.

## Solution:

The IT provider, New Net, is maintaining the hardware while the operator, Geoconsult, is using the Whereoil NDR loading module to catalogue the information into EPIS, after performing a physical and technical verification of the quality of the information submitted by the oil companies. **KADME's** Whereoil is the software solution both for geospatial and text-based data.

KADME offers a truly modern solution with Whereoil software. Whereoil is known for being the only search engine designed specifically for the oil and gas industry, but that is only part of the story. Whereoil lends itself to a variety of operating environments, including NDRs, and it was on this basis KADME was awarded the contract to provide the technological solution for EPIS. We customized Whereoil software to satisfy all of ANH's requirements, as well as migrate the data from the previous EPIS system.

## Results:

The new EPIS is built to grow in alignment with ANH's business needs and those of its stakeholders. The project was executed on time and on budget. End users can now easily browse and search for data via the search interface or the map application. The capabilities Whereoil has built into the system provides enough ground and scalability to enable EPIS to grow, and will continue to be updated with new functionalities for years to come.

By taking this approach Colombia has increased the exposure of their E&P data while decreasing costs. The current model of operations is lean, sustainable and independent. At the same time ANH has a reasonable level of control over operations, allowing for continuity in the long term.

View Colombia's Presentation at the NDR 10: <http://www.energistics.org/upload/ndr10-colombia.pptx>