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## **NXT Energy Solutions innovates with new technology for oil exploration**

The 'Stress Field Detector', in addition to protecting the environment, aims to increase hydrocarbon production, according to the directors of the Canadian firm.

"We know we can be an effective solution to many of the problems currently facing the oil sector, problems which can prevent a technical assessment of areas to explore in Colombia. We just completed an aerial survey in the country and we have invested nearly \$100,000 in these initial exploration flights, even though we were still within our operational budget for Colombia," added the source.

One of the first tasks that the firm has completed in the country was a study for another Canadian firm Pacific Rubiales for a fee close to \$ 2.3 million, which demonstrated the benefits of the new system (i.e. easy access to jungle terrain, thanks to twin-engine aircraft gathering information on the ground at an altitude of 2500 meters).

"In just two months, a fraction of the time normally required, NXT delivered an in-depth evaluation of the hydrocarbon potential of a 7,000 square kilometers area in the Putumayo basin" he revealed.

The system consists of a group of 14 nanotechnology sensors, a signal box, and data-processing equipment. The foundation and strength of the system is in the technology of the '*Localizador de Tensión de Campo*' (SFD by its initials in English).

It had been tested for ten years, when NXT began providing air service to the oil industry itself.