

**SPACE AND POINT
TECHNOLOGY IN
SEARCH FOR
HYDROCARBONS**





LAMASSU INVEST Ltd. for oil and gas exploration providing
High Tech SPT Know How Technology solutions and
services. We offer our clients a complete, turn-key selection
in search for hydrocarbons.
The precise results, effectiveness and advantages prove –
the unique opportunity and solution.

MESSAGE

Message of President Executive Director

" Many key industry sectors have experienced radical technological and operational changes in recent years. However, the geological based hydrocarbon and energy acquisition industries have yet to experience much. These sectors are now facing increasing challenges and there is an urgent need for "new game players unique performance", which innovations, new technologies may provide significant results in application.

Our new SPT Hi-Tech Technology is a step change, a new way of sophisticated combination of proven methods and new hi-tech technology, elements, processes, that as result gives outstanding performance and high efficiency in exploration of hydrocarbons. "



*Sandor Gaspar
President Executive
Director*

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OUR MISSION

- Combine unique knowledge, expertise and leadership in creating new sphere advantages by KNOW-HOW HIGH-TECHNOLOGY solutions
- Ensure all our partners, order makers, clients derive real benefit from our sustainable technology

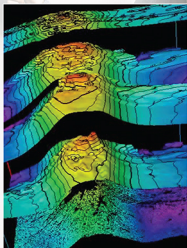
TECHNOLOGY

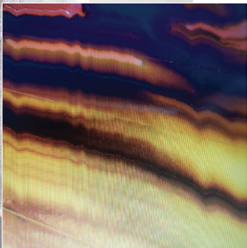
High-Tech Space and Point Technology

One of the major groups of today's commonly used geophysical methods is the so-called force-geophysical surveys. Their goal is to define the natural gravitational and magnetic field of the Earth and to interpret the results; on the one hand, to understand the global processes of the Earth, and on the other hand to detect and delimit regional and local inhomogeneity. Some of the geophysical measurements are relative measurements, so we do not observe absolute field strength, but the differences in field strength between some measuring points, thus the results are usually represented on so-called anomaly (deviation) maps or sections. From a relative measurement database (as part of a calibration that targets the production

of absolute values or as part of a modeling process), the measured values and the differences between the theoretical values (calculated from a model, for instance, a homogeneous body) can be determined. The measured data is always interpreted by mathematical modeling, so it means that we assign a mathematical description of a simplified geological environment, and the corresponding physical parameters of which the closest possible values to the measured data at the measurement points with calculations based on physical laws can be provided.

A group of geo-electric metrics is a distinct group of natural electromagnetic waves, natural potential differences due to geochemical reasons, voltage differences generated by DC excitation, and electromagnetic field measurements from a variety of alternating current excitations. Depending on the method used, the geo-electric results are represented by different types of gauges and anomaly maps, and they reflect the different electrical parameters of the rocks, the specific resistances and the di-electric constant differences.





Our **KNOW-HOW TECHNOLOGY** combines both the existing methods with new unique elements, consequently at the end of research high precision, outstanding results are achieved. The technology belongs to the category of Remote Earth Sensing (RES) methods based on the use of data obtained by spacecrafts and by special aircrafts equipped with heat and radio visors and other ultra-sensitive sensors. The built-in sensors using the Earth Radar Method gives parameters of the excitation and measurement of high frequency electromagnetic waves at very low depths.

From received data, parameters and conditions the structure starting to be created. By processing of thermal

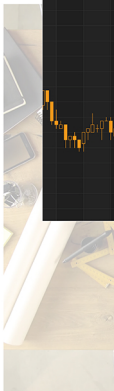
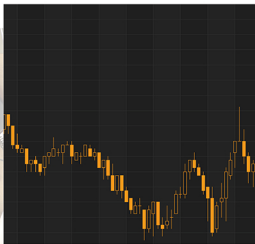
imaging data using the original software "GeoExplorer" and "Realiz", created on the author's algorithmic base and the technological basis of the TGT, a 3D image of the distribution of radio-brightness temperature is built in the geosphere of the study area.

The multi-layered mathematical model of the geology obtained as a result of processing the initial data describes the physical process, which consists of the redistribution in the three-dimensional space X, Y, Z of the endogenous heat flux of the Earth, recorded on an IR-satellite image of the day surface, at the most appropriate time of day, on which the integral distribution of the emissivity of discrete elements in the volume of the geological medium is displayed.

KEY POINTS

1. WE OFFER YOU TO REACH GREATEST RETURNS ON YOUR INVESTMENT

- Reduce financial risk and improve safety
- No dry hole drilling, but more accuracy for better, longer production
- More economic efficiency, more success rates and more productive wells





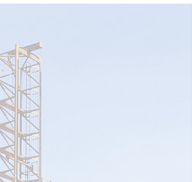
2. WE PROVIDE ADVANCED TECHNOLOGY SERVICES WITH SUSTAINABLE CLEAN APPLICATION

- No environmental pollution and no side-effects
- No trial drilling

**3. WE COMPLETE THE WORK
FASTER AND CHEAPER, TO SAVE
YOUR TIME AND MONEY**

- 60% faster
- 40% cheaper





4. WE PERFORM OUR TASK WITH OUTSTANDING PERFORMANCE

- 3D imaging
- High-precision results are 85-90% exact
- We provide GPS coordinates of the wells
- We prepare visualized picture, with existing oil and gas wells, specify their shapes and sizes
- We show the optimal point
- We determine the site till 4-5 km depth
- We work vertically and horizontally





5. WE EXPLORE FOR OIL AND GAS ONSHORE AND OFFSHORE WITH TECHNICAL AND TECHNOLOGICAL EXTRAORDINARY ACHIEVEMENTS

- We do our work from the air
- We require minimum stay on the site
- We sense potential zone of depleted wells and new energy resources





PRESENT EXPLORATION CHALLENGES	THE OPPORTUNITY AND SOLUTION
Extensive pre-work phase	Rapid start up
Long lasting work process	The task completed in half-time
High costs	Significant cost savings, 40% cost reduction
High risks from lack of data	Safety, high-precision results of 85-90%
Trial drilling, dry hole drilling	No trial drilling, no dry hole drilling – optimal point determined
Reduction of productivity	Description of potential
Uncertain spread of hydrocarbons	Shape, size, depth provided
Possible environment harm	No environmental side-effect

References done in Europe, in the USA, in the Far East and Africa.



CHALLENGING LIMITS

- We see the way that the others don't.
- We strive and do our work outstandingly well.
- We develop, as we grow with the excellence, as our goal.



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