Our Business

3S Prospect is a consulting company offering its services in business related to environment, geosciences and natural resources.

As the exclusive business agent of international consulting and engineering companies in Fiji, 3S Prospect gathers together skilled experts and state of the art technologies in order to provide the most effective solutions.

Whatever your geo-business is, 3S Prospect can help you save on costs, optimize production and access the relevant expertise. 3S Prospect and its business network is here to offer the best consultancy at a competitive price.

Our Values

3S Prospect’s core value is to promote sustainable management and exploitation of natural & geo-resources.

A long-term vision, impartiality, sustainable development and effective exploitation of natural resources in an environmental-friendly way are values shared by 3S Prospect and its business network.

Consultancy

- Mining exploration & resource modelling
- Water resources
- Geo-hazards
- Environment
- GIS & topographical survey (drone, airborne & satellite)
- High quality, energy efficiency & sustainable building design
Our Services

**Mining: prospecting, resource modelling, planning and engineering:**

sampling, mapping, drilling, geological interpretation, resource and reserve estimation, classification, modelling and data auditing. 3S Prospect can help you manage your mine project from exploration to operation.

**Geophysics:**

electrical geophysics (resistivity 2D, 3D & induced polarisation) can be used across a wide range of applications. For example:
- in the mining industry (exploration target, better resource definition) and drastically reducing drilling costs,
- in the water industry (drilling target, saltwater intrusion, contaminant plumes),
- in civil engineering (bedrock definition, volume calculation).
3S Prospect works in collaboration with TerraScope and uses a Resistivity-meter Iris Instrument Syscal Pro (8 channel).

**Water Resources:**

3S Prospect goal’s is to help private and public investors better manage their water resources. Sampling, prospecting, catchment area definition, drilling management, modelling, impact and assessment studies. 3S Prospect is involved in all steps of the hydrogeological model & resource definition.

**Environment:**

3S Prospect adapts its surveys to provide the most relevant data to its customers. By being the business agent of different renowned engineering & consultancy companies, 3S Prospect is able to integrate and provide a full package in order to carry comprehensive and effective Environmental Impact Assessment (E.I.A.).

**Geo-Hazards:**

the identification of geo-hazards (landslides, floods, cyclones) and anticipation of their potential impact on human being activities is crucial information for decision makers. 3S Prospect’s role is to provide the correct tools (GIS) and necessary information.

**GIS:**

by being the exclusive Fiji agent of INSIGHT (by Le Cube.nc), 3S Prospect provides accurate and cost effective GIS data. The data can be processed and interpreted depending on the client specifications and needs.
Topographical Survey:

Digital Terrain Model or Digital Surface Model: 3S Prospect works closely with Air Map Survey to provide 3D topographical data. Drones (UAVs) are becoming the most effective tool to quickly cover large areas at up to 5 cm accuracy (RTK surveys).

Sustainable building design:

3S Prospect is the exclusive agent of SOLSTIS, an engineering firm that advise private & public real estate investors in the design of sustainable buildings. High quality, energy efficient & environmentally friendly buildings drastically reduce energy and water bills, while improving comfort for users.
Business Network

Air Map Survey:

Air Map Survey is specialised in drone (UAV) surveys. Air Map Survey provides high resolution (2cm/pixel) and high accuracy (5cm in x,y,z) topographical surveys. Air Map Survey is able to deliver unrivalled data quality thanks to its experience and 3D data processing. By using 3D computing, Air Map Survey will thus deliver real Digital Terrain Models (DTM) by removing vegetation.

SOLSTIS:

SOLSTIS designs sustainable & energy efficient buildings. They assist real-estate project managers in making the most cost-effective decision according to the highest sustainability standards. Carbon footprint, zero-impact project, public lightning, photovoltaic, positive energy resorts are consultancy services provided by SOLSTIS.

TerraScope:

TerraScope is specialised in applied geophysics and has a growing reputation for striving for excellence. Cost effective services include electrical resistivity tomography (ERT-2D & -3D), induced polarization, spontaneous potential, magnetic or electromagnetic mapping and seismic refraction. Their references include the biggest mining companies (Glencore, Eramet, Vale...) with more than 400 km of survey lines applied to geology, hydrogeology, environmental, geotechnical engineering and mining.

INSIGHT by Le cube.nc:

With strong international partnerships (Airbus, Telespazio, Delair-Tech, Imagis), INSIGHT has developed two of the most secured data centres in the region, and recently, a data processing centre. INSIGHT provides and stores satellite data in the South Pacific region, and processes any type of data (satellite, aerial or even UAV) in customised way. INSIGHT will offer the best consultancy to make sure the products and services perfectly suit client’s specific needs and budget. Environmental monitoring, civil security, defence, geohazards, georesources, online GIS: applications are endless! Providing services through a timely and cost-effective manner, INSIGHT will more importantly do it independently and by sharing its process with the client - for total control and transparency.

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