

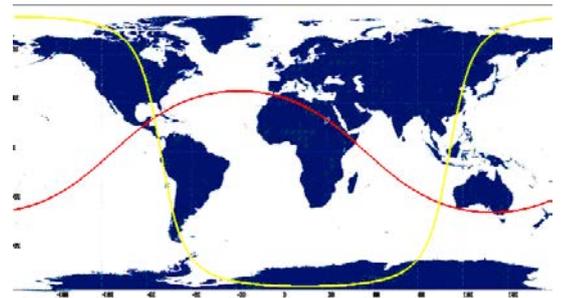
## ASX RELEASE

22 October 2020

### Kleos Space Second Cluster Procurement Finalised with ISISpace

- **Contract for second cluster of four satellites for the Polar Vigilance Mission (KSF1) signed with Innovative Solutions in Space (ISISpace)**
- **ISISpace to provide full turnkey solution:**
  - **Satellite Build**
  - **Test equipment**
  - **Launch and Early Orbit phase support**
- **ISISpace to take equity in Kleos**
- **Polar Vigilance Mission to launch on SpaceX Falcon 9 mid 2021**
- **Increased global coverage – new orbit, broadening revenue opportunities**
- **First cluster (KSM1) launch targeted for 1<sup>st</sup> two weeks of November**

Kleos Space S.A. (ASX: KSS, Frankfurt: KS1,) (**Kleos or Company**), a space-powered Radio Frequency Reconnaissance data-as-a-service (DaaS) company advises that it has engaged The Netherlands based Innovative Solutions In Space B.V. (**ISISpace**), one of the leading companies in the nanosatellite field, to provide turnkey satellite build and support for the Kleos Space – Polar Vigilance Mission (KSF1) to launch mid 2021 on the SpaceX Falcon 9.



*Figure 1: Scouting Mission (Red) and Polar Vigilance Mission (Yellow) Single Orbit Plots*

With 15 years of experience in providing turn-key small satellite missions, ISISpace is well placed to provide a reliable build and launch support for Kleos's KSF1 cluster of four satellites. Their services will include design, development, production, testing, launch integration services and Launch and Early Orbit Phase (LEOP) support.

The contract price is 2.1 million EUR and will be payable in milestone-based instalments over a period of approximately 10 months. ISISpace will receive approximately 11% of the contract value by way of Kleos CDIs, priced at the 5-day VWAP leading up to execution of the contract, with the balance to be paid in cash. The CDIs will be issued utilising the Company's issuing capacity under Listing Rule 7.1. The delivery of the multi-nanosatellite system is planned to take place in Q2 2021.

In addition to its own data provision, the Kleos KSF1 Mission will enhance the capability of the Kleos Scouting Mission (KSM1) launching early November from the Satish Dhawan Space Centre in Chennai, India by allowing exploitation of combined data sets where orbital paths intersect (or are in close proximity).

Miles Ashcroft, CTO of Kleos Space said that “The KSF1 mission allows us to build on the experience gained throughout the KSM1 campaign. We are using that experience to put another cluster into operation making changes that increase the robustness of the mission without imparting any additional technical risk”.

The KSF1 mission specification benefits from:

- Propulsion – Use of electric propulsion technology facilitating more real estate for data collection hardware.
- Software Defined Radio – Additional tailoring to optimise data collection for proprietary geolocation algorithms improving resolution.
- Flight Software – Missions Operations processes being implemented to simplify secure and encrypted constellation growth.
- Downlink Chain – Onboard data handling and routing optimisation to increase capacity.

Andy Bowyer, CEO of Kleos Space, commented, “The launch of the second cluster will be the next step in building a constellation of up to 20 clusters<sup>1</sup>, providing valuable insights within key locations of interest. ISISpace taking equity as partial consideration for the second cluster is a strong show of confidence in the Kleos business.”

Jeroen Rotteveel, CEO of ISISpace, confirmed that “being a strategic partner for Kleos to build and support their second cluster in line with the specification and schedule as required is exactly the kind of service and flexibility ISISpace can offer, understanding Kleos’ business model and needs for their future constellation.”

Andy Bowyer added “The launch of the Polar Vigilance Mission means we take another step on that journey, collecting more data, over new areas opening additional markets whilst also providing a higher value product for our existing customer base.”

The Kleos business model is to create subscription-based revenues from the delivery of essential data to government and commercial entities around the globe. Kleos will be the first company to fly clusters of four satellites to accurately detect and locate the use of the RF spectrum by legitimate and illegitimate actors. The data is collected and downlinked from the satellites then processed through the Company’s proprietary algorithms. Once ‘packaged’ into data products and transferred to our licenced subscribers ‘as-a-service’, the same data can be sold unlimited times creating annuity type revenues.

The Company is confident in its ability to meet the payment obligations under the contract, as it has been exploring opportunities for additional external funding when required and is satisfied that it has a number of viable opportunities available to execute upon.

*This announcement has been authorised by Andy Bowyer, CEO of Kleos Space S.A.*

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<sup>1</sup> Kleos will ultimately aim to provide rapid refresh rates which will require a small constellation of no more than 20 satellite clusters delivering highly useful operational capability. The timeline for building up to a constellation will be driven by customer demand i.e. required revisit times or geographic areas of interest

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**About Kleos Space S.A.**

Kleos Space S.A. (ASX: KSS) is a space enabled, activity-based intelligence, data as a service company based in Luxembourg. Kleos Space aims to guard borders, protect assets and save lives by delivering global activity-based intelligence and geolocation as a service. The first Kleos Space satellite system, known as Kleos Scouting Mission (KSM), will deliver commercially available data and perform as a technology demonstration. KSM will be the keystone for a later global high capacity constellation. The Scouting Mission will deliver targeted daily services with the full constellation delivering near-real-time global observation. For more information please visit: [www.kleos.space](http://www.kleos.space).

**About Innovative Solutions In Space**

Innovative Solutions In Space (ISISPACE) is one of the leading companies in the small satellite market. Founded in 2006, the company operates globally and serves customers worldwide in accomplishing their space missions and applications.

ISISPACE specializes in realizing innovative turn-key small satellite missions including launch and operations for in-orbit delivery. ISISPACE designs and delivers small satellite platforms, for single missions and constellations, either standardized or optimized in performance and size tailored to the mission needs. In addition to that, the company supports space capability building through training programs, knowledge transfer as well as component sales.

Currently, ISISPACE employs over 125 specialist employees from 25 different nationalities.

For more information please visit: [www.isispace.nl](http://www.isispace.nl) or contact: [marketing@isispace.nl](mailto:marketing@isispace.nl)