



**Guarding borders.  
Protecting assets.  
Saving lives.  
Daily, global, high-resolution,  
Activity-Based Intelligence.**





## Welcome

- Etienne Schneider; Deputy Prime Minister, Minister of the Economy, Minister of Internal Security, Minister of Defence
- Representatives from the Government
- Stephen Silver CEO Hunter Capital (lead investor/broker)
- Our team including our board members and wider advisors
- Partners, established and new to Luxembourg



## Agenda

- Introduction and Announcement
- Stephen Silver
- Etienne Schneider
- Q&A
- Minister & delegation tour and *in-space manufacturing* demo with photographers
- **Note; cameras to be left at the door while demonstration being carried out. Photo opportunity to immediately follow.**
- Minister to return for interviews
- *Refreshments provided*
- Minister leaves
- 2<sup>nd</sup> tour for journalists
- Partners lunch



## Mission Brief

- To launch a single LEO small-satellite Scouting system to collect global SIGINT, geolocating target RF transmissions to within ~100s m daily.
- To sell this Data as a Service to Government & commercial intelligence users.
- To expand offer to near real-time global intelligence collection by launching further Satellites into a constellation formation
- To develop and exploit proprietary technologies including geolocation and in-space manufacturing

Kleos Space S.a.r.l. Technoport, 9, Avenue des Hauts-Fourneaux, L-4362 Esch-sur-Alzette, Luxembourg.



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## Background

- Kleos Space will own and deploy satellites that will orbit the earth collecting data on radio transmissions from devices such as VHF walkie talkies.
- We will use this data to globally locate the activity of individuals, vehicles or assets to within ~100s metres of their actual location, without the reliance on active tracking systems such as AIS.
- Our commercial Intelligence-as-a-Service product is an extremely valuable and powerful tool for government ministries and commercial companies working in the fields of security, maritime protection, border controls, environmental protection, search and rescue services and insurance.
- Kleos has a non-US first mover advantage to employ Low Earth Orbit (LEO) Satellites to penetrate the \$26B global Intelligence Surveillance Reconnaissance (ISR) market.

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# History



Kleos Space S.a.r.l. Technoport, 9, Avenue des Hauts-Fourneaux, L-4362 Esch-sur-Alzette, Luxembourg.

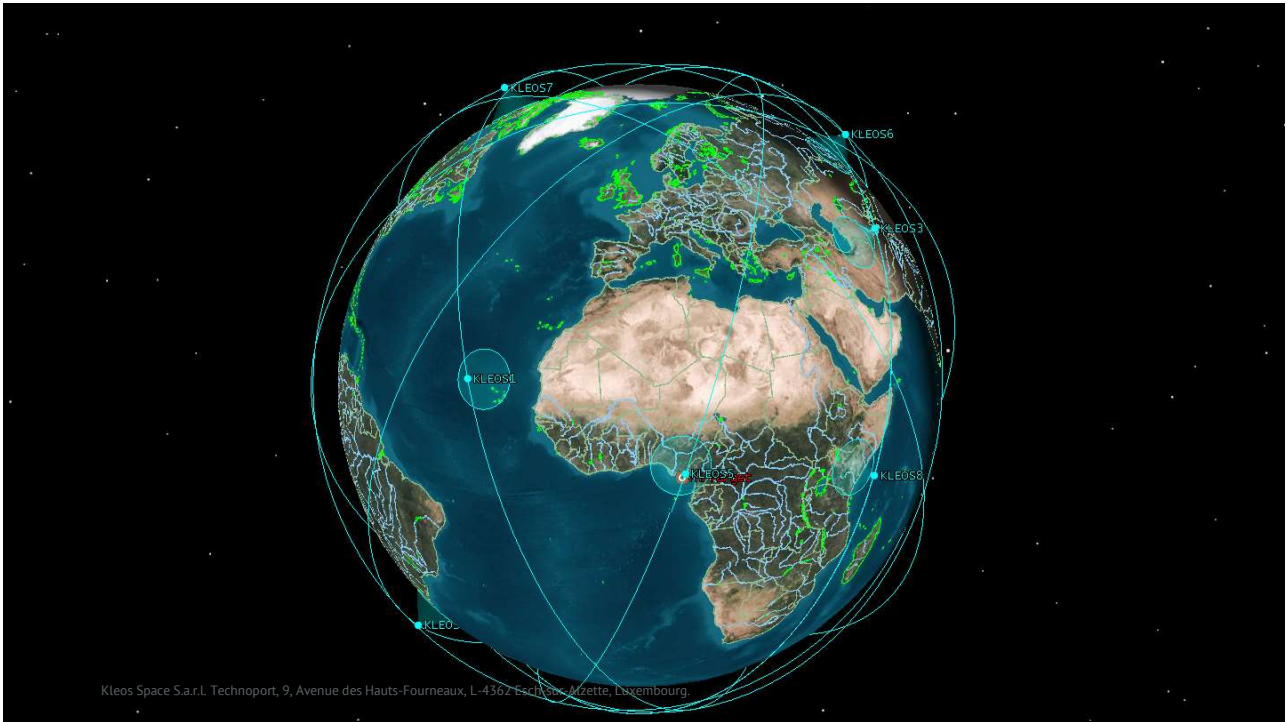



# Operational Plan

- Initially launch Scouting spacecraft system in Q1 2019
  - Operational service, recurring sales and profitability
  - Daily surveillance of whole globe
- Demonstrate power of Kleos GI data
- Grow the constellation, reducing revisit times and increasing value

	Pathfinder	Small Constellation	Full Constellation
Operational Space Systems	1	5	20
Global Data Collection Frequency	Every 5 to 24 hours	Every 1 to 4 hours	Sub-hourly

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## Revenue Streams

Diverse, Multi-Market, High Value **Direct** & **Reseller Agreement** Revenue Streams

Data sales will move to value-added intelligence sales further increasing revenue and profitability

Security Market	Maritime Market	Other Markets
Government Ministries (NATO)	Coastguards	Search and Rescue Agencies
Intelligence Agencies	Maritime Security Companies	Regulatory Bodies
Tier 1 ISR Supply Chain	Insurance Companies	Communications Providers
Intelligence Aggregators	Shipping Companies	Earth Observation App Developers
Border/Homeland Security Agencies	Intelligence Aggregators	

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## Announcement

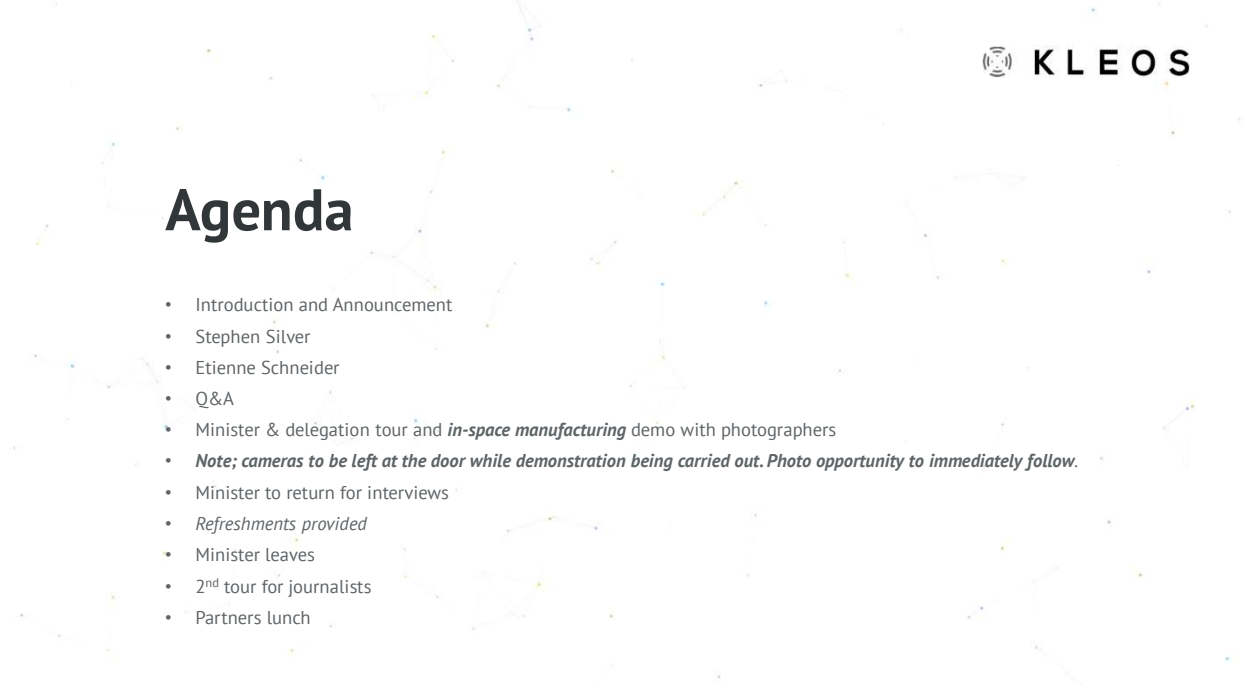
- Hunter Capital have led a successful 1.4M Euro seed round.
- Kleos plans to IPO in May 2018 on the ASX raising a further 7M Euro.
- The seed round and IPO funding rapidly accelerate the geolocation intelligence mission plans.
- We aim to launch the Scouting satellite system Q1 2019, and follow on constellation Q4 2019 – Q1 2020.


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## Why IPO, Why ASX?

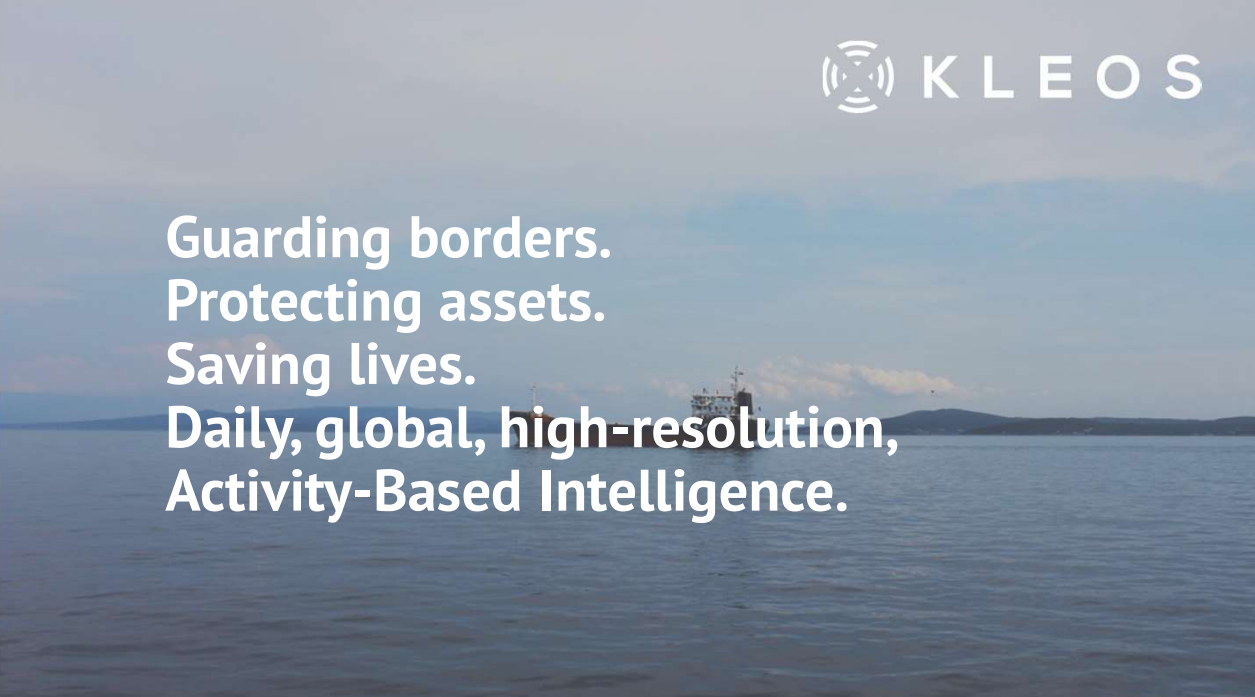
- Kleos Space remains a Luxembourg entity, shares listed on ASX via CDI.
- The ASX is a rapidly growing, highly active market where early stage tech companies are welcome
- New-Space company listings are very rare, most high profile with a similar business model is Sky and Space Global, a UK company that listed on the ASX last year very successfully. Thus, ASX investors now uniquely understand and are highly receptive to 'new-space' companies.
- Australia (with its vast coastline) is seen as a key potential market, a sales office will be established by the end 2018.




 KLEOS

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