The use of RPAS (drones) to support emissions monitoring
Fulcrum est. 1997

2008 LRIT Testing & DC

2017 Fulcrum joined forces with CLS
CLS – Key Facts

Formed in 1986 as a subsidiary of the French Space Agency.

Active in several sectors including:
- Environmental Monitoring
- Maritime Surveillance

![Shareholders Chart]

.shareholders:
- CNES: 54%
- Ifremer: 14%
- Ardian: 32%
Remotely Piloted Aircraft Systems & Data Centre

Remote and secured web-user interface to monitor critical RPAS/UAV activities at sea
Real-time measurement of vessels’ emissions using:

- Drone aircraft (RPAS)
- Sniffing sensors capable of measuring individual ship’s sulphur emissions

Ship Emissions Monitoring – RPAS solution
Thank you.

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