

# 3rd panel discussion – Constellations, Backbone missions and vision for future calibration

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## Panel 3:

# “Constellations, Backbone missions and vision for future calibration”



**Moderator: Gordon Campbell (ESA)**

## Panel:

- Pierre Joachim (Head of Space Projects, AerospaceLab)
- Daniel Spengler (VP for Data & Analytics, ConstellR)
- Yvan Baillion (Director of European Business and Ground Segment & Altimetry Business, TAS)
- Marzia Migliorelli (Commercial Director, SITAEL)
- Tom Greenwood (Missions Sales Business Development Manager, Iceye)
- Emilio Viedma (Sr. Business Development Manager, Indra Espacio)



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# “Constellations, Backbone missions and vision for future calibration”



- Given the planned evolution of private sector systems/ constellations, what requirements can be adequately addressed by these capabilities? Can you prove this?
- Could new private sector capabilities with more limited short term commercial potential be available by 2040 if stimulated by ESA ? If so, what is credible?
- What are critical roles to be guaranteed for backbone missions?
- What are the priority considerations to maximize private sector contribution? How will a combined virtual constellation be managed?
- How does this translate into technical actions (eg interoperable cal/val, optimized cueing/tasking)