

**Session IV.1**  
**Scientific benefits of LEO**  
**missions orbital plane**  
**coordination**

**- BACKGROUND -**

## LEO missions orbital plane coordination

- Optimization of polar-orbit missions Equatorial Crossing Time is a long-standing item on CGMS agenda, in particular WG-III
- WMO Vision for 2025 and CGMS baseline foresee 3 orbital planes : AM, PM and early morning
- No firm plan yet for early morning after DMSP
- At CGMS-39, CMA agreed to explore feasibility of a FY-3 mission in early morning
- The 3 presentations from Europe, USA and China, discuss potential benefits and other consequences of « moving » a mission from AM to the early morning