After difficulties at detector level (remanence effect) in 2020 some solutions were found and the Integration is on the way before Instrument Thermal Vacuum Test end 2021 (expected with solar view)

Nominal mode (Nadir/Glint):3 FOV ACT with individual FOV ~4.5x9 km² & experimental City mode (2x2 km² on site 40x40 km²)

The 1.27 µm O₂ (B4) show very encouraging results for aerosols correction in CO₂ Band (once Airglow effect corrected)

An EndtoEnd simulator is now in place and used to complete caracterisation of more than 28 types of errors (from L1 to L2) is almost done

=> Precision is estimated < 1ppm (spec) but some work is still in progress to reduce regional Biais (<0,1-0,2 ppm)

Agreement with Eumetsat for operationnal processing of L1, L2 unsing 4ARCTIC
Statut : Satellite and planning

- Integration of the plateforme Myriade (200kg) on going at TAS-UK (MOU with UKSA)
- Integration of satellite early 2022
- Launch expected end 2022 with VEGA-C (polar orbit heliosynchrone, 22h30 HLNA, altitude 649km, cycle 25j )
- 2x 6 months for Cal/Val period + 4 years operations..