



Committee on Earth Observation Satellites

## WGDisasters-14 Meeting

P. Ferrier

CNES

CEOS WGDisasters CNES status

Location [Virtual]

1 – 3 September 2020

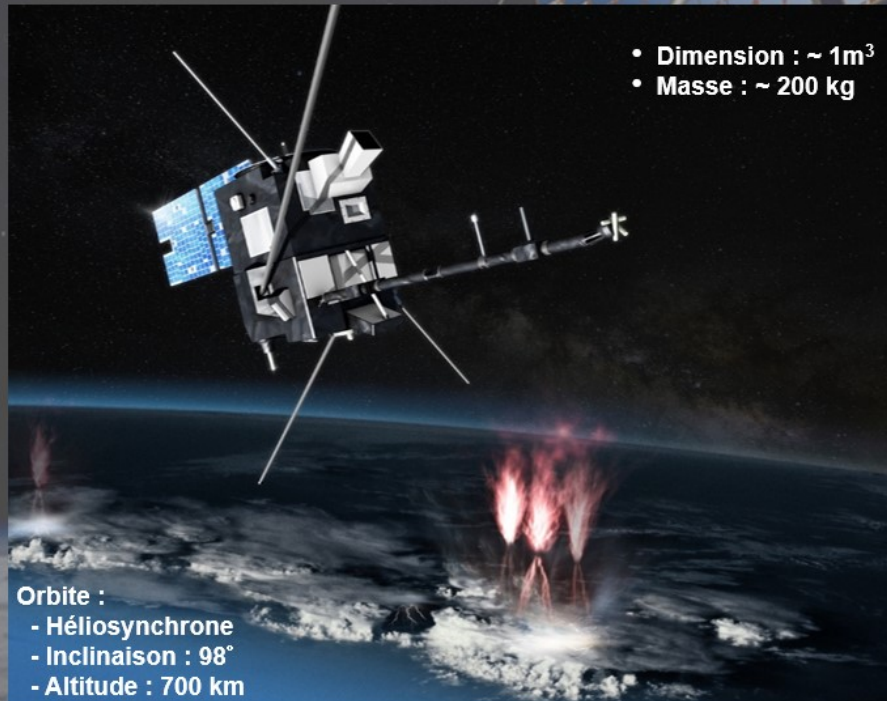




## NEW CNES MISSION IN 2020

### Tool for the Analysis of RAdiation from lightNIing and Sprites

- Observations combinées au Nadir des TLE et TGF.
- Mesure à haute résolution des électrons énergétiques.
- Mesure du champ EM dans la bande [0 - 35 MHz].



- Dimension : ~ 1m<sup>3</sup>
- Masse : ~ 200 kg

Orbite :

- Héliosynchrone
- Inclinaison : 98°
- Altitude : 700 km



Expected to be launched before end of 2020

## CEOS CNES OBJECTIVES IN 2020-2021

- To achieve the launch of the new RO demonstrator
- To support the DCT function
- To be ready to lead the WGDis for a 2-years period, starting fall 2021