



PITHIA-NRF

**Integral access to European instruments
for the observation of
thermosphere, ionosphere and plasmasphere**

The PITHIA-NRF project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101007599



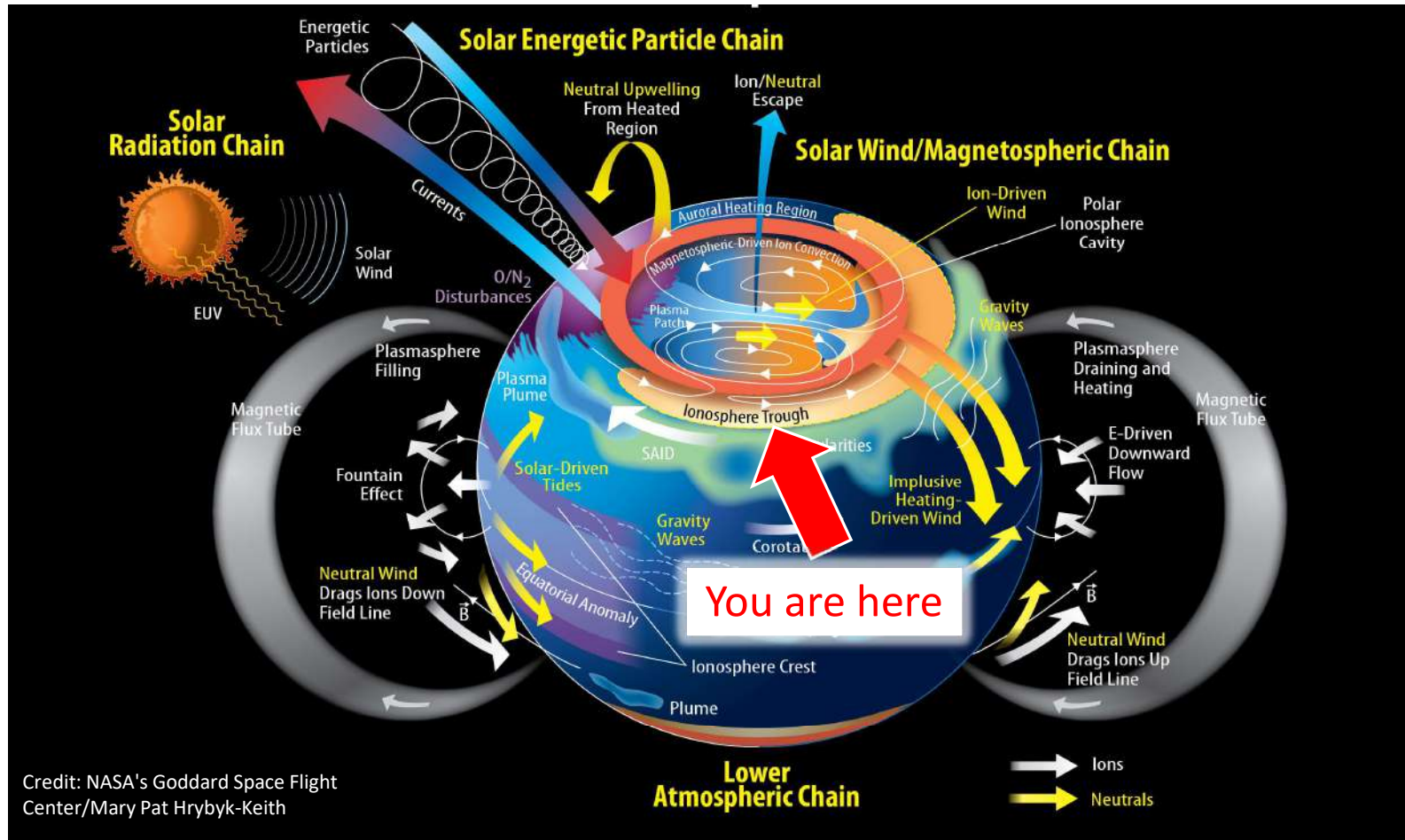


Sun and Earth form a complex dynamic system ...





... of which thermosphere, ionosphere and plasmasphere are subsystems

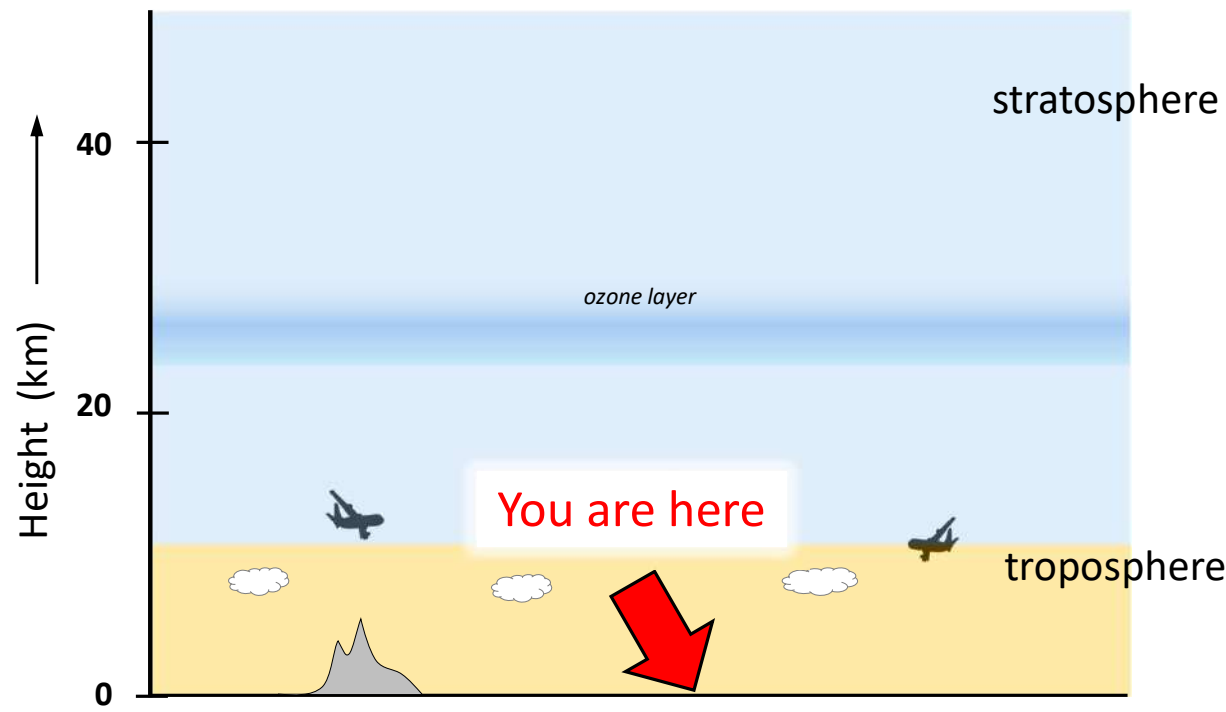


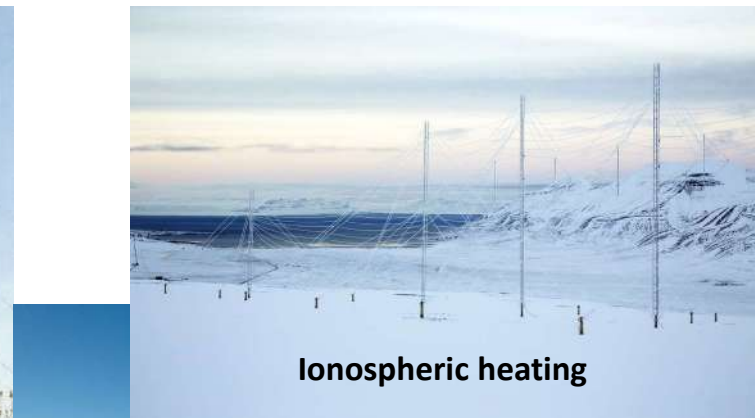
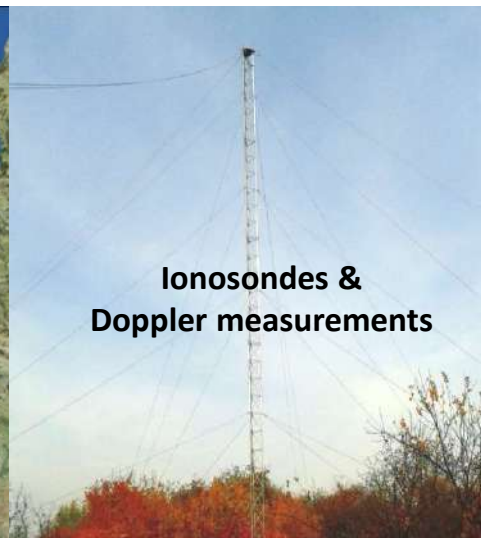
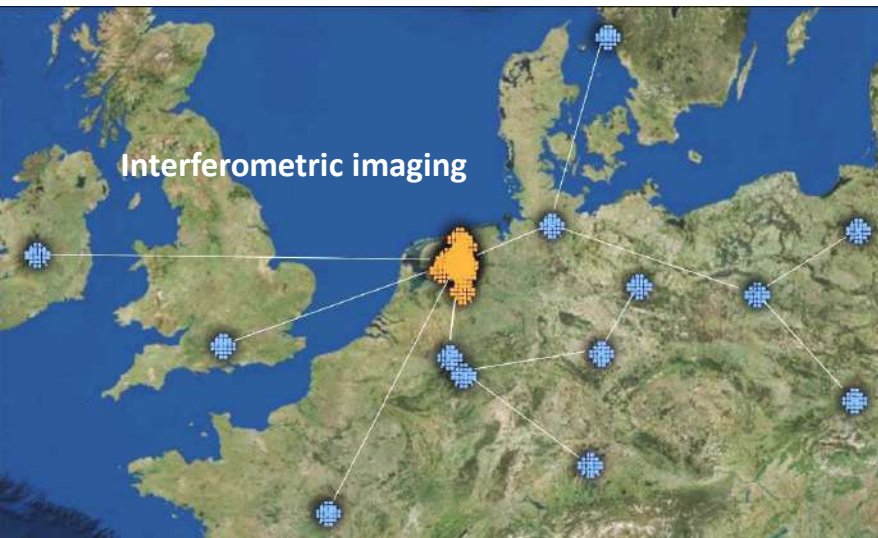


This all happens far above our heads ...

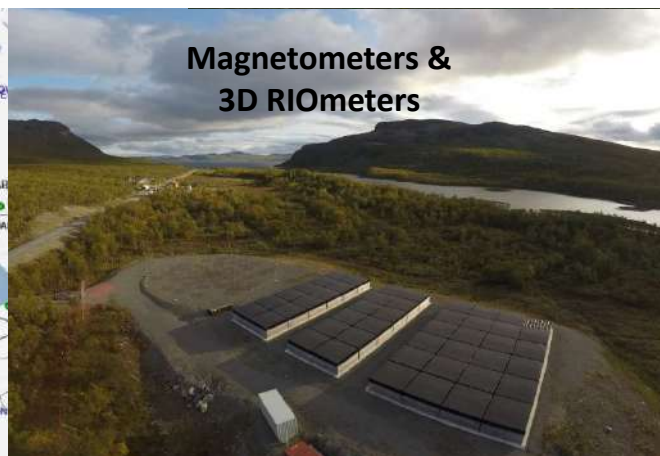
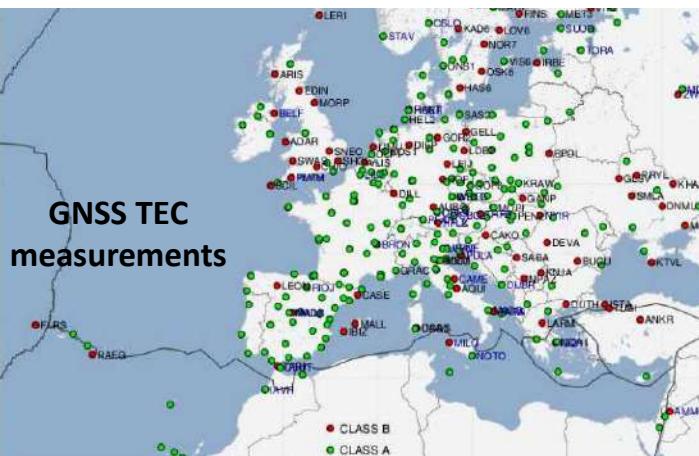


plasmasphere
ionosphere
thermosphere





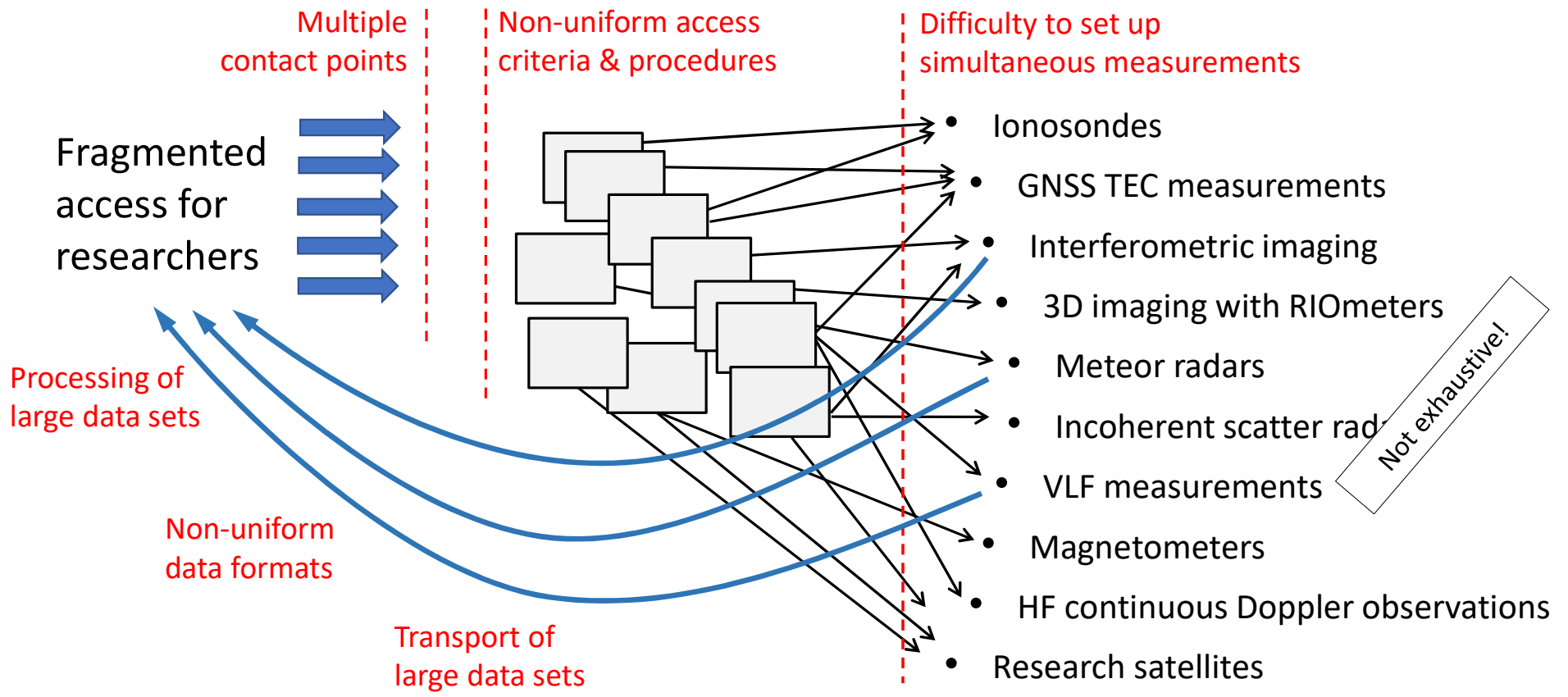
... therefore advanced instruments are needed to investigate thermosphere, ionosphere and plasmasphere.





Multi-instrument observations remain challenging

Multiple countries & organizations & inhomogeneous instruments

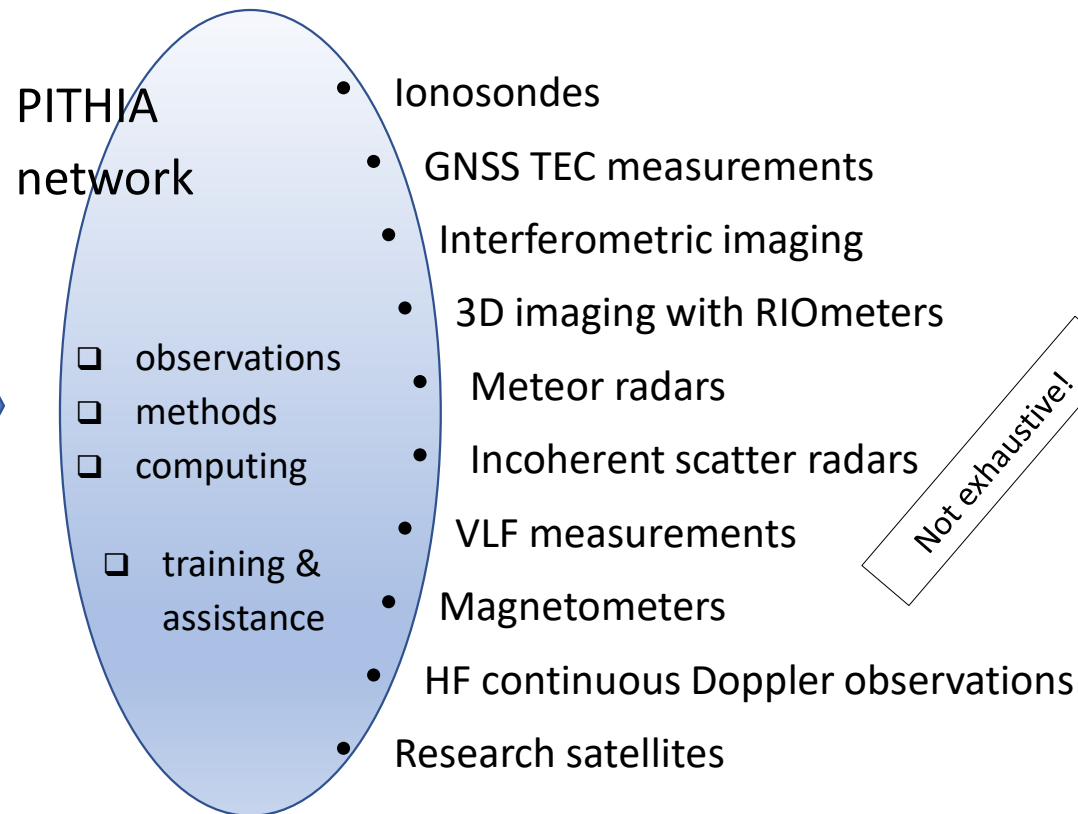




PITHIA-NRF

Plasmasphere **I**onosphere **T**hermosphere **I**ntegrated **R**esearch Environment and **A**ccess services:
a **N**etwork of **R**esearch **F**acilities

Integral access
for researchers





PITHIA-NRF

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PITHIA-NRF intends to provide researchers and stakeholders with “access to the gods,” like the ancient Πυθία did.

Πυθία [pithia]
The Oracle of Delphi
~800 BC – 400 AD



PITHIA-NRF

Participants

1. NOA, Athens, Greece
2. EISCAT, Kiruna, Sweden
3. EGI, Amsterdam, The Netherlands
4. INGV, Rome, Italy
5. University Paul Sabatier, Toulouse, France
6. DLR, Neustrelitz, Germany
7. Ebro Observatory, Roquetes, Spain
8. JFW Consult, Tourrettes, France
9. SGO, Sodankylä, Finland
10. Institut Royal d'Aeronomie Spatiale de Belgique, Brussels, Belgium
11. Katholieke Universiteit Leuven, Belgium
12. Centrum Badan Kosmicznych Polskiej Akademii Nauk, Warsaw, Poland
13. Royal Observatory of Belgium, Brussels, Belgium
14. University of Westminster, London, UK
15. ASTRON, Dwingeloo, The Netherlands
16. Centre National d'Etudes Spatiales, Toulouse, France
17. Royal Meteorological Institute, Dourbes, Belgium
18. Borealis Global Designs, Varna, Bulgaria
19. Universitat Politecnica de Catalunya, Barcelona, Spain
20. University of Twente, Enschede, The Netherlands
21. Institute of Atmospheric Physics, Praha, Czech Rep.
22. Deutsches Geoforschungs Zentrum, Potsdam, Germany



Thank you for your attention!

WEB: <https://www.pithia-nrf.eu>

Email: info@www.pithia-nrf.eu



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