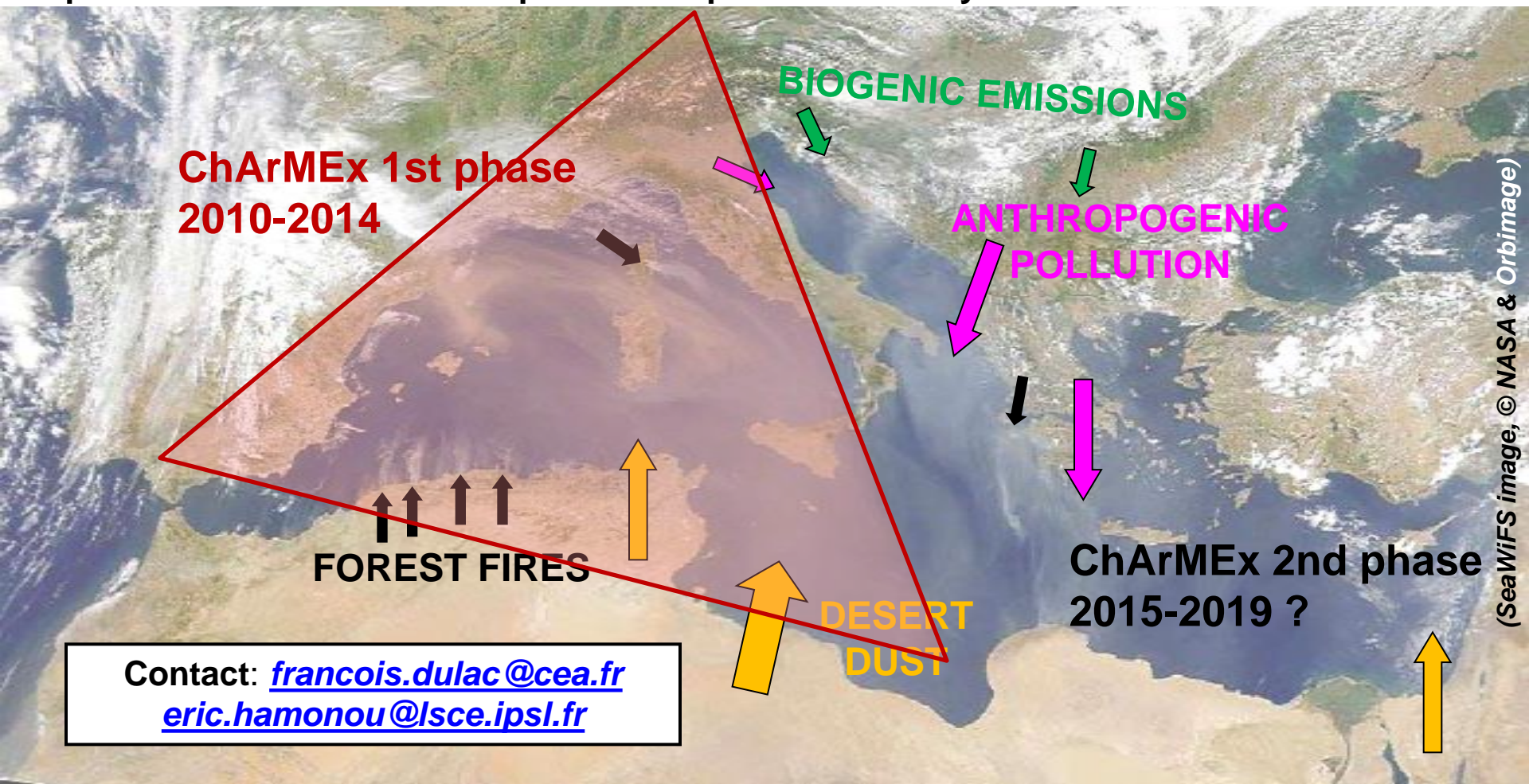


# Poster O9 : Overview of the **Chemistry-Aerosol Mediterranean Experiment** activities on dust in the Med. region

The Mediterranean region:

- a natural laboratory to study the contribution of long-range transport on air quality, ageing of continental air masses over the basin, regional chemistry-climate interactions...
- a precursor of the future European atmospheric chemistry



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## 14 CHARMEX- RELATED PRESENTATIONS

- ⇒ WP-1 Emissions
- ⇒ WP-3 Transport and Air Quality
- ⇒ WP-4 Aerosol and Climate
- ⇒ WP-5 Deposition
- ⇒ WP-6 Variability-Trends
- ⇒ Integrated experimental and modelling approach
  - new aerosol monitoring stations (Mallorca, Corsica, Algeria, Malta)
  - 2 airborne campaigns in summer 2012 and 2013 including drifting balloons and 3 supersites in Balearic Isl., Corsica, and Lampedusa
  - 1 new balloonborne OPC /S with some particle characterisation
  - a dust deposition network
  - regional dust model intercomparison and evaluation
  - dust radiative impact on SST with a coupled ocean-atmosphere model
  - lidar network assimilation experiment
  - AERONET absorption AOD and remote sensing climatologies
  - Etc.

