



# IRD & Météo-France in the Trop. Atl. ocean

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Météo-France      IRD

Portland, TAOS review, Feb. 2018

# IRD, Bernard Bourlès

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IRD: Research agency for development. Focus on the South.

Atlantic: Brazil, Western & South Africa

CEO Jean-Paul Moatti, in Fortaleza (PIRATA 22, 20th anniv.)

Co-sign PIRATA MoU. Committed to support PIRATA

Next PIRATA 23 meeting in Marseilles (22-26 Oct 2018)

→ enlarge the attendance (EC DGs, ESA, EMI...)

PIRATA: labelled as a French infrastructure (SNO) (as are SSS & CO2).

Annual cruises (~1,2M€/an) and data management.

IRD Personnel (US IMAGO) for ops. and science

Capacity Building (edu M2, PhD, post docs) in Bénin, Brazil with UFPE (Recife)

# Météo-France and the EMI

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French met service, and climate.

- Weather in France incl. West Indies and cyclones, Fr Guyana
- Sahel and Mediterranean regions (not only TA ocean) (AMMA, Hymex, aerosols...)

The Earth system (continent / oc / atm, atmosph composition, aerosols...)

Space components (CNES, ESA, Eumetsat)

Long record on oceanography. Oceano in consortia with other French agencies in Coriolis (in situ) + Mercator (forecast). Co-sign PIRATA MoU. Committed to support.

🌀 Current downward resources trend

EMI European Meteorological Infrastructure : ECMWF, Eumetsat, Eumetnet (NMS with co-operative efforts, namely regarding observation)

→ Eumetnet EUCOS (10°N), and a marine component : E-SURFMAR (Paul Poli). Target is NWP over Europe

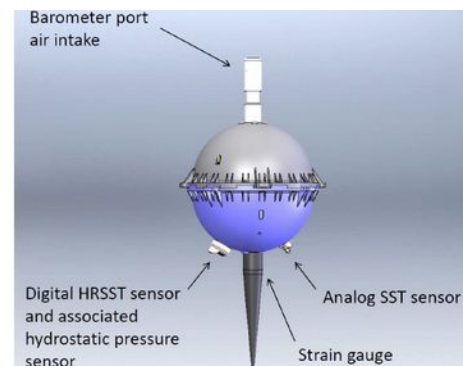
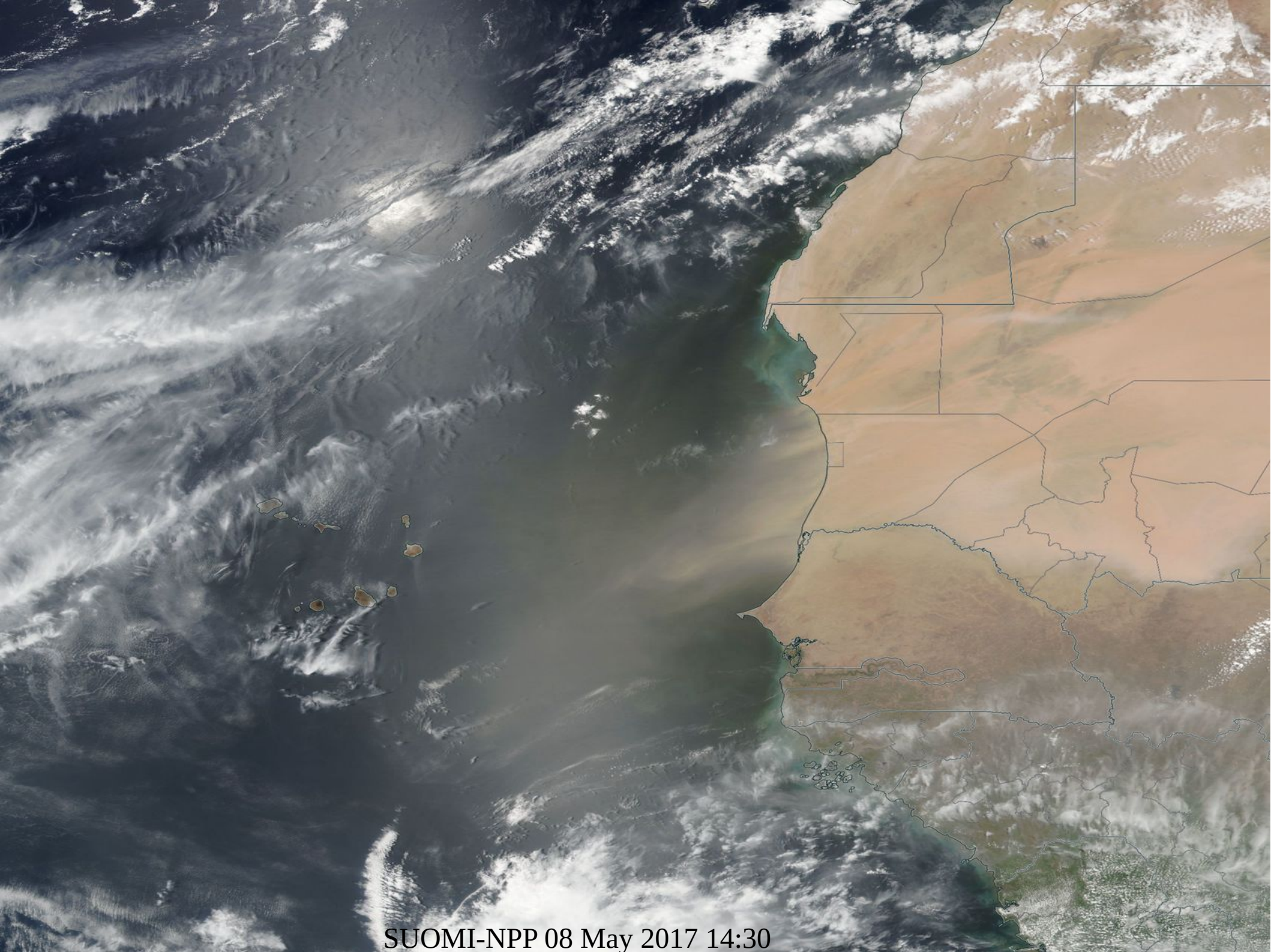


Figure 1: Drifter pre-design

Trusted project for Eumetsat (P Poli)

Sentinel 3 SST Cal-Val



SUOMI-NPP 08 May 2017 14:30