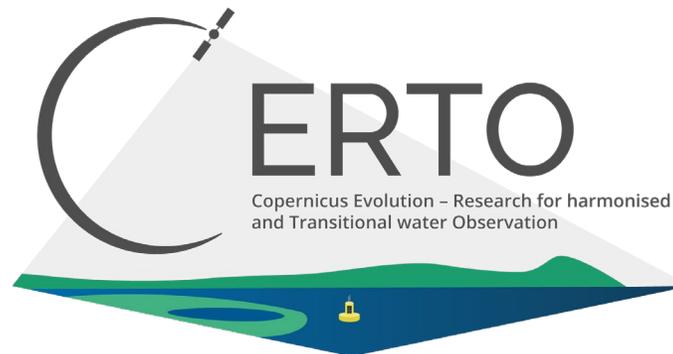




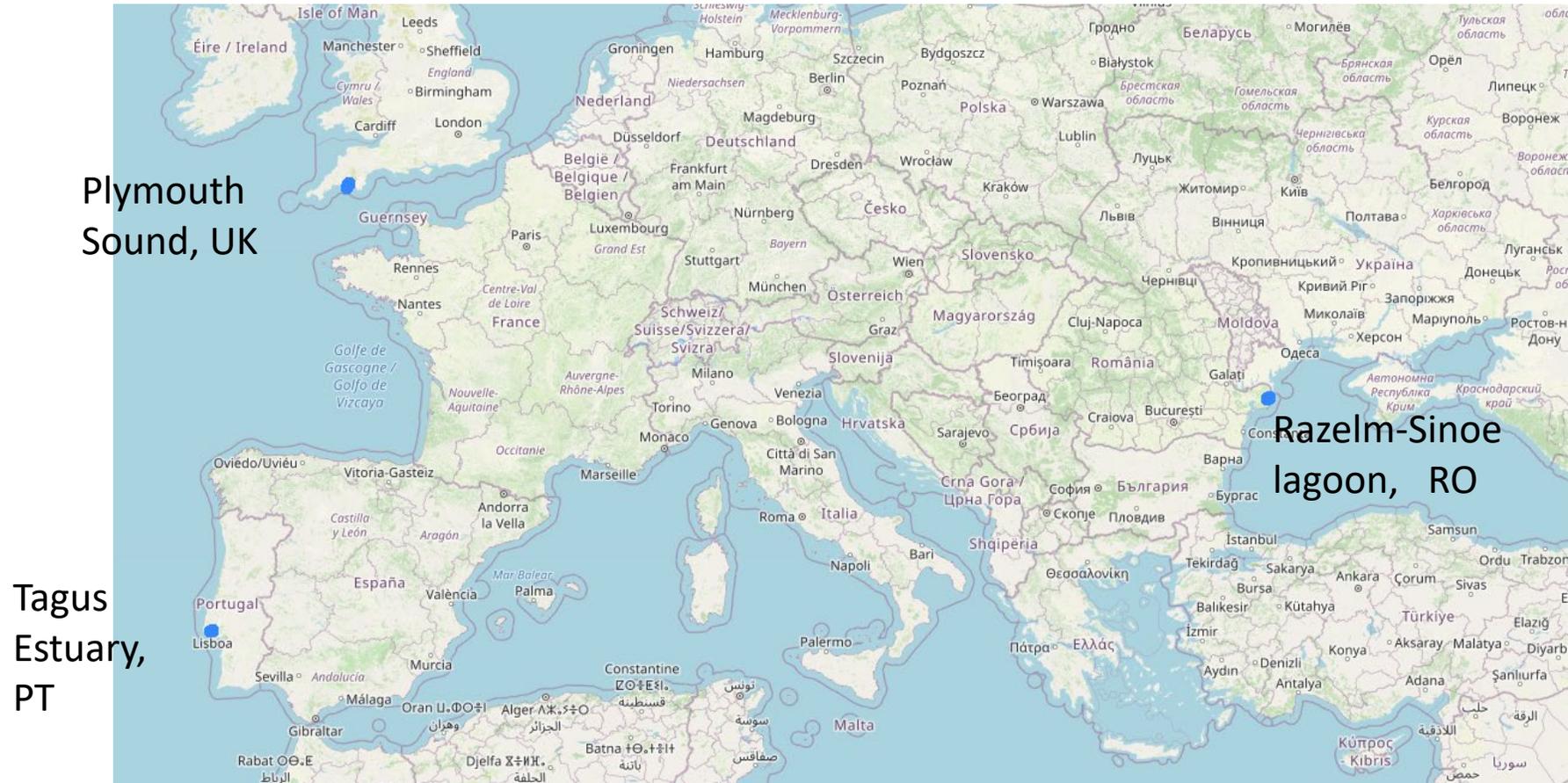
Initial Results from the Lisboat Radiometer

Stefan Simis, Steve Groom, PML

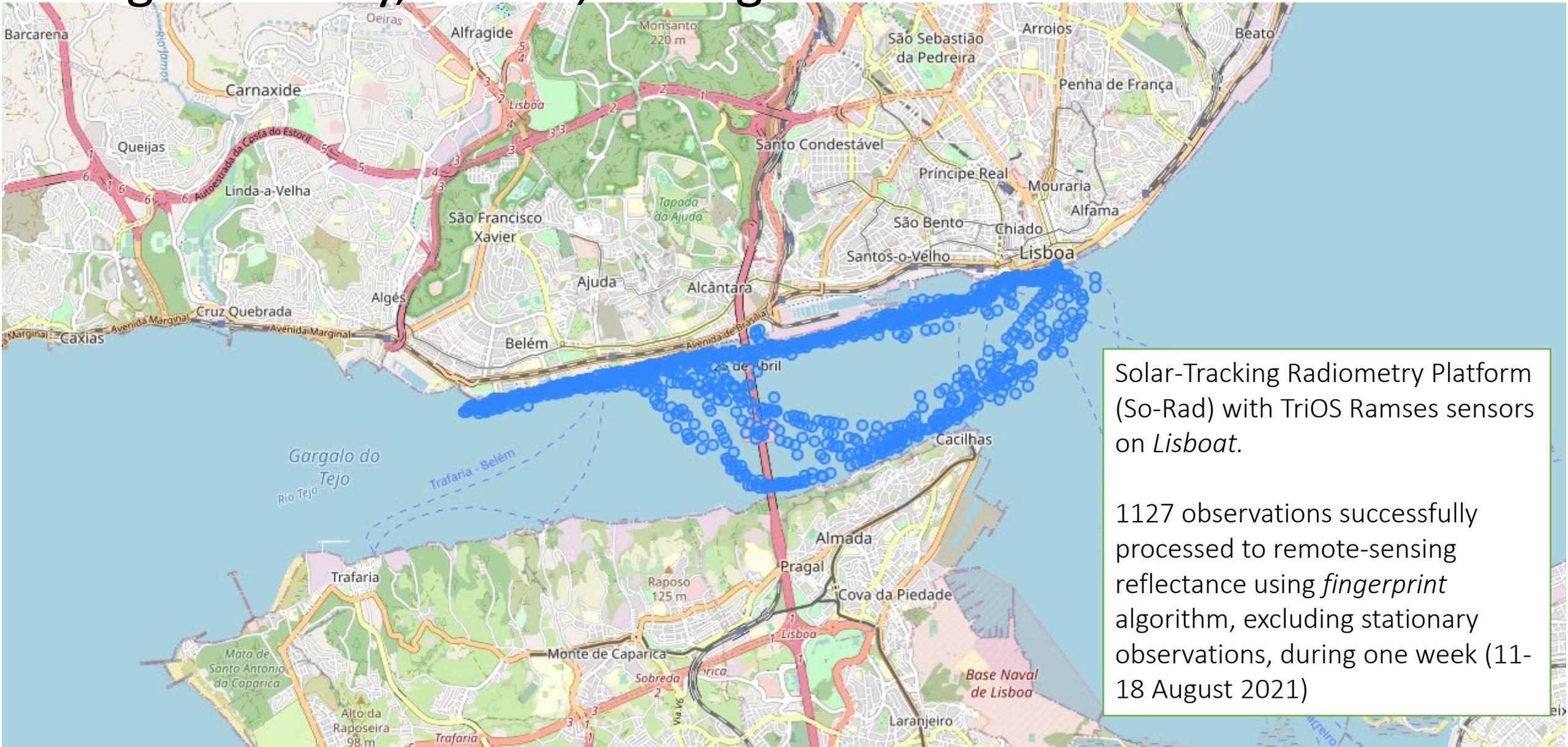
Giulia Sent, Federico Ienna and Vanda Brotas, FCUL



The CERTO project has a a number of radiometers in operation around Europe



Tagus estuary, Lisbon, Portugal

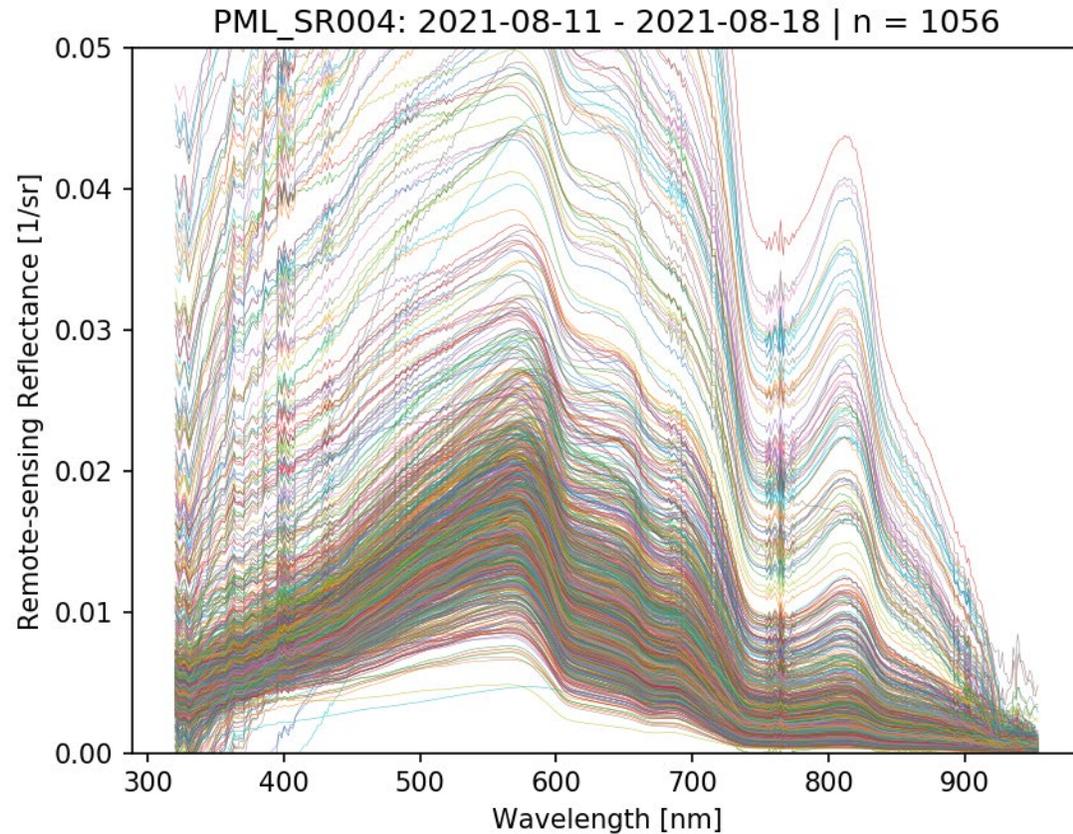


Solar-Tracking Radiometry Platform (So-Rad) with TriOS Ramses sensors on *Lisboat*.

1127 observations successfully processed to remote-sensing reflectance using *fingerprint* algorithm, excluding stationary observations, during one week (11-18 August 2021)

Tagus estuary, Lisbon, Portugal

Observations 11 to 18 August 2021 on reflectance



Remote-sensing Reflectance observations with additional quality control (n=1056):

- Peak observed between 500 and 650 nm
- Rrs amplitude between -0.005 and 0.2 sr^{-1}

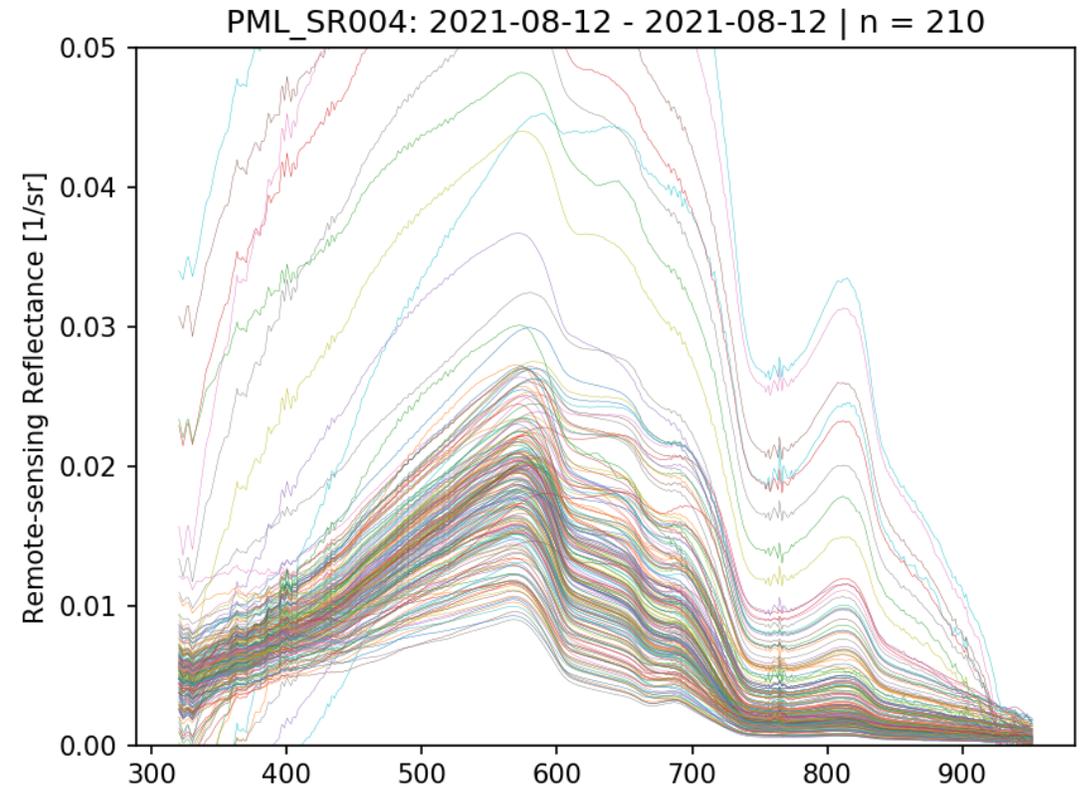
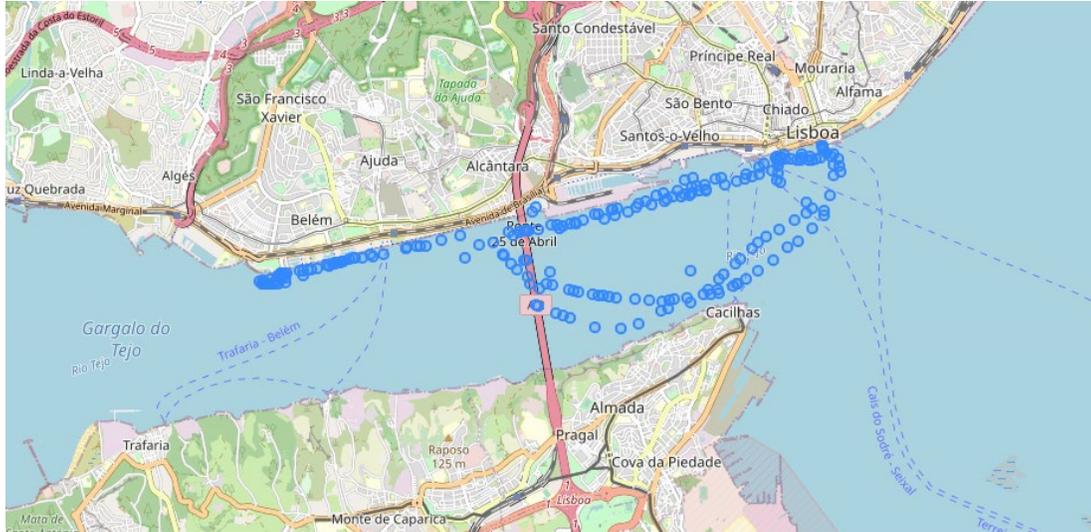
Tagus estuary, Lisbon, Portugal

Satellite image 12 August 2021 – Sentinel 2 – “true colour”



Tagus estuary, Lisbon, Portugal

Observations 12 August 2021



Solar-Tracking Radiometry Platform (So-Rad) with TriOS Ramses sensors on *Lisboat*.

12th August 2021:

218 observations processed to remote-sensing reflectance, excluding stationary observations.