United Nations/Austria

World Space Forum

13 – 15 December 2022



Space for Climate Observatory France (SCO France)

A driving local implementation of the SCO international initiative, coordinating national efforts with international efforts boosting the emergence of climate change adaptation applications

Frédéric BRETAR – Head of Space for Climate Observatory - CNES - Frederic.Bretar@cnes.fr

Federal Ministry Republic of Austria Climate Action, Environment, Energy, Mobility, Innovation and Technology



UNITED NATIONS Office for Outer Space Affairs Federal Ministry Republic of Austria
European and International
Affairs



SCO INTERNATIONAL ALLIANCE



34 SIGNATORIES INCLUDING 24 FOCAL POINTS



SCO LOCAL IMPLEMENTATIONS



SCO international objectives

- provide operational tools and studies to help decision-makers to adapt to climate change
- Foster cooperation around these applications to favour their reuse and communicate on them
- Build a network for space agencies and public and private entities involved in the use of EO data for operational climate action



Charter on the establishment of the SCO led by UNOOSA, entry into force on 1st Sept. 2022



© cnes







23 FRENCH SIGNATORIES OF THE SCO INTERNATIONAL CHARTER



NATIONAL SCO NETWORK DRIVEN BY CNES



SCO France objectives

- 1. Encourage space applications addressing best the end-users local needs, by publishing annual calls for projects
- 2. Grant a SCO certification to selected projects on decision of <u>the inter-agency</u> <u>committee according to established national SCO criteria</u>
- 3. Accompany projects maturation and delivery including in the search of funding
- 4. Communicate and valorize projects at national and international levels (Copernicus, GEO, EURISY, etc.)
- 5. Gather and animate a national network (workshops, inter-agency committee)



Inter-agency Committee based on the charter on the functionning of SCO in France

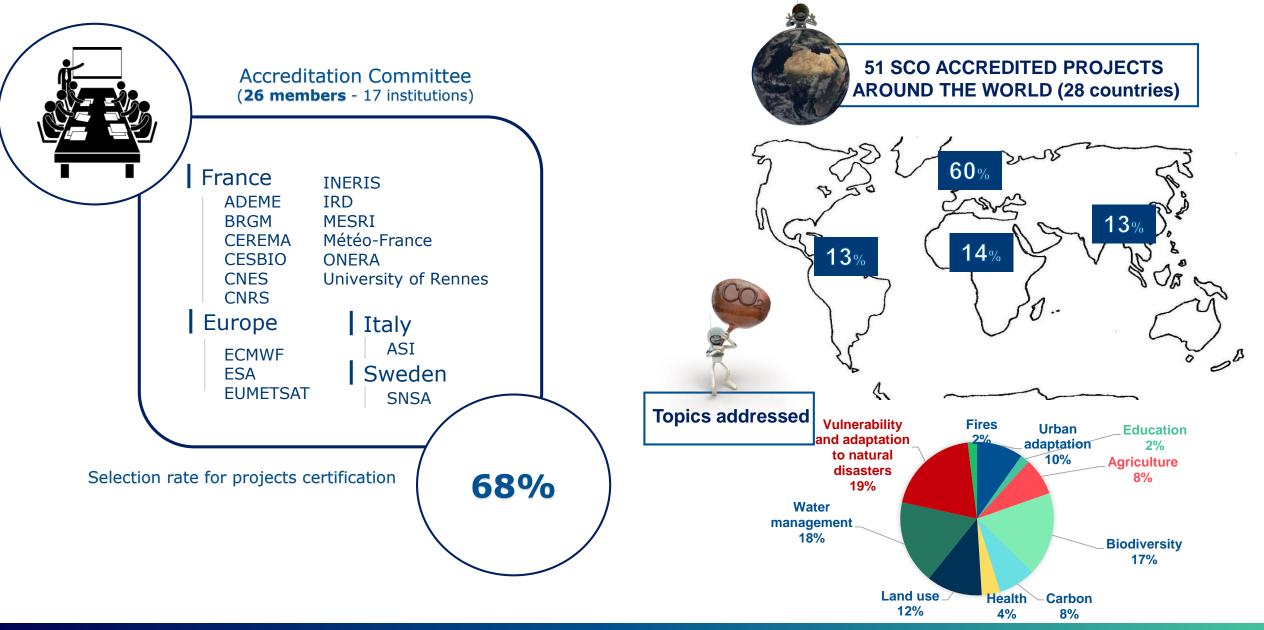




© cnes

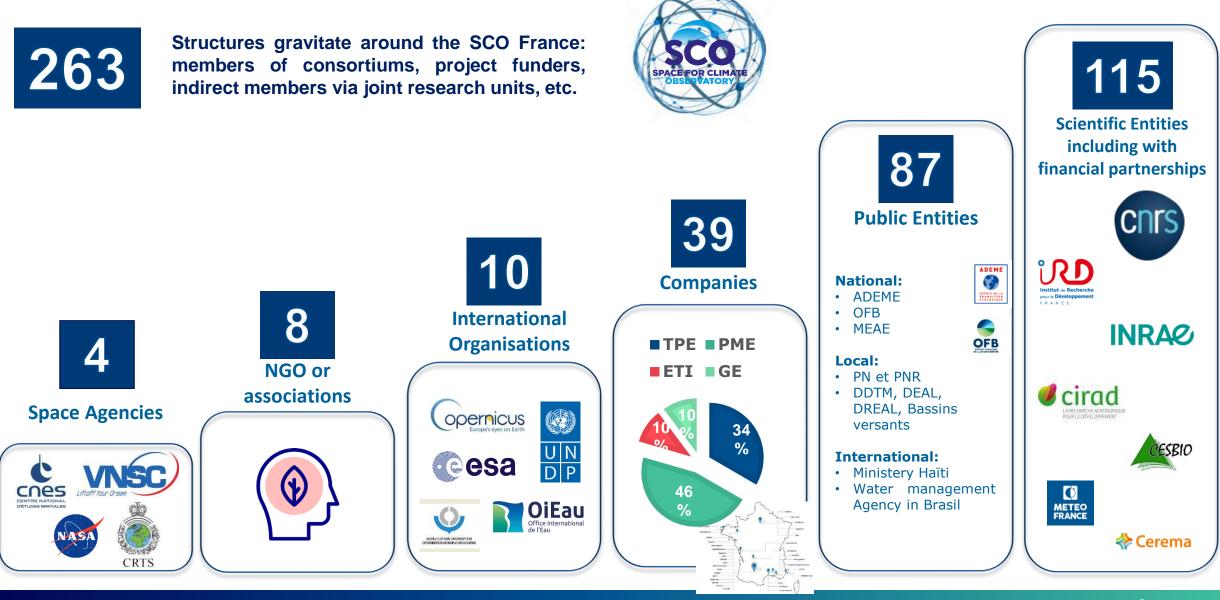






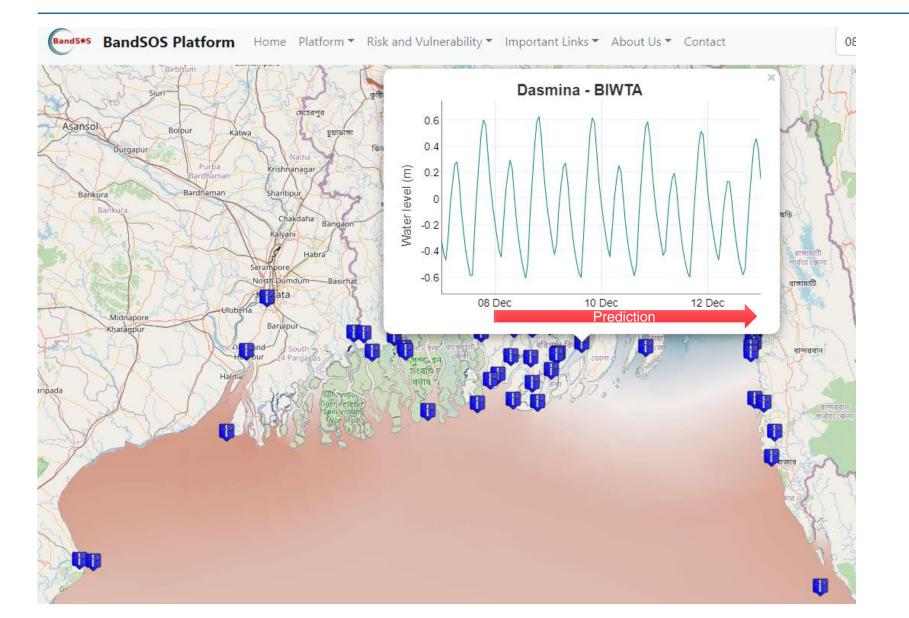






VALORISATION OF RESEARCH : BANDSOS PROJECT







Bandsos.github.io

Water level predictionTyphoon Alert



Amazon Delta © contains modified Copernicus Sentinel data (2017), processed by ESA, CC BY-SA 3.0 IGO

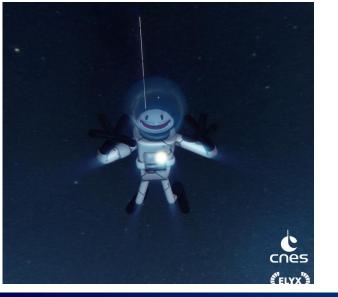






Subscribe to our newsletter www.spaceclimateobservatory.org/newsl etter





Linked in

https://www.linkedin.com/com pany/sco-space-for-climateobservatory/



8