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SpaceBus France – Presentation



SpaceBus France is a French association created in 2017 by 3 astrophysicists

Inspired by their experience with the SpaceBus Morocco event (2016), and SpaceBus Sénégal (2015)

Our objectives:

- To present science and astronomy to students and the general public through interactive and playful activities led by astronomy professionals
- To train people to use the scientific method and develop critical thinking skills
- To testify of the cultural richness and international aspect of space careers
- To inspire students and promote the place of women in science to fight against their under-representation

SpaceBus France – Actors



Scientific team: All volunteers are scientists, astronomy specialists (Researcher, Engineers, PhD students)

Local partners: We work with amateur astronomers, local astronomy clubs, and local administrative authorities



SpaceBus France – Activities



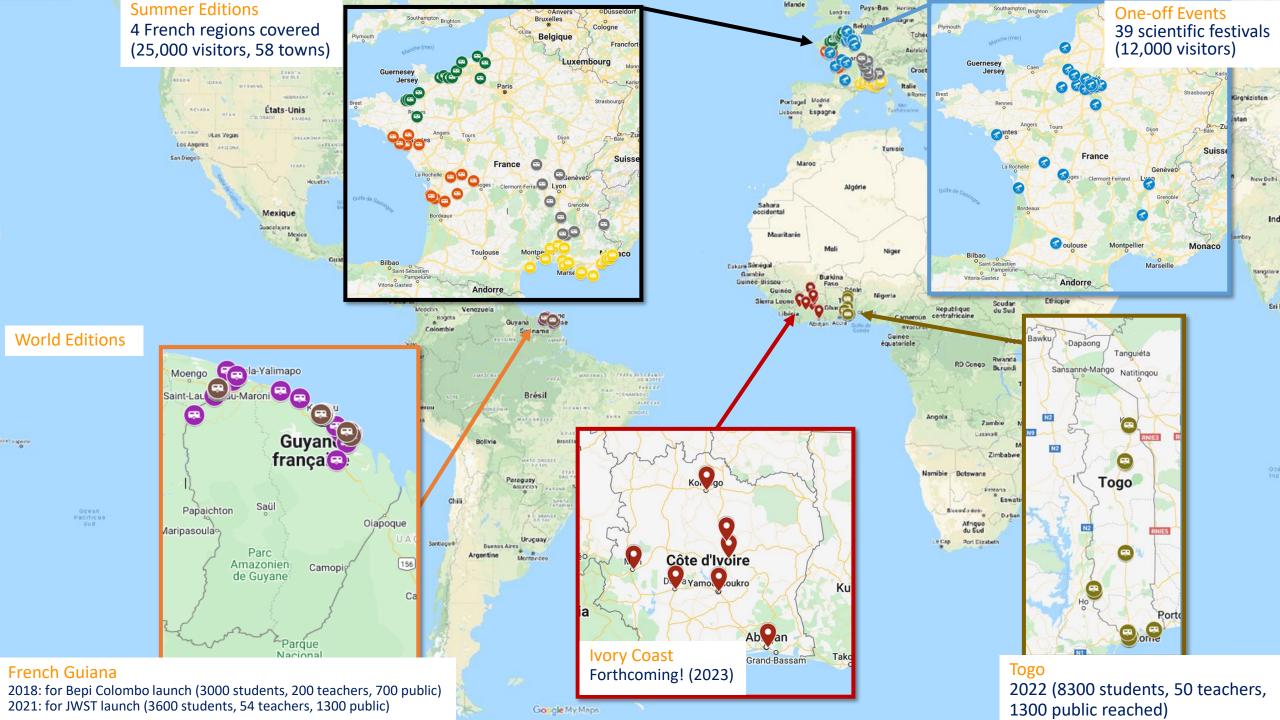
One-off events: from 1 to 3 days, during the year, for primary through high school students and general public

Summer Editions: from 3 to 4 weeks in a region in France, for the general public (mainly families)





World editions: from 2 to 3 weeks outside metropolitan France, for primary through high school students and the general public



Togo – The country

• Area: 56 785 km²

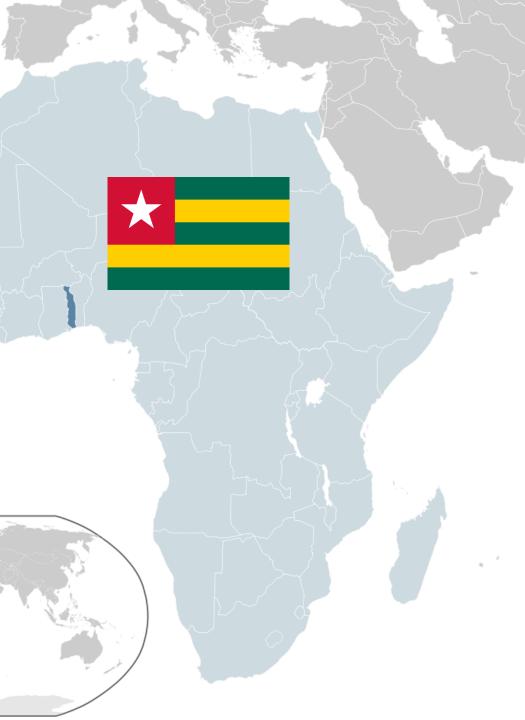
 Distances: 700 km long (north to south) and 150 km wide

• Population: 8,6 millions of inhabitant

• Climate: tropical, mainly two seasons: one dry and one rainy

Capital: Lomé

Main spoken language: French



Togo under the stars – Birth

- Born from the will of SG2D to organize a scientific outreach event across the country
- They contacted SpaceBus France for their experience in terms of scientific outreach, organization of itinerant events, and educational resources

SG2D (Science Géologique pour un Développement Durable): first togolese organisation to promote geology and astronomy in Togo





Togo under the stars — Itinerary

- A travelling scientific event across Togo from 13 to 27 March 2022
- 6 towns visited: Kara, Sokodé, Aného, Atakpamé, Kpalimé and Lomé (the capital)
- The team:
 - 9 Togolese: 4 geologists, 1 touristic guide, 1 logistics person, 1 cameraman, 1 cook, 1 driver
 - 4 French: all astrophysicists







Togo under the stars – A three-part event

1. Schools: We proposed astronomy and geology workshops. This was an opportunity for the students to exchange with professional about scientific professions.





Togo under the stars – A three-part event

2. Teachers: we provided astronomy training for teachers giving them educational and teaching resources developed by research institutions and an initiation to sky observations.





Togo under the stars – A three-part event

3. General public: We led educational activities and night-time observations free of charge in public squares



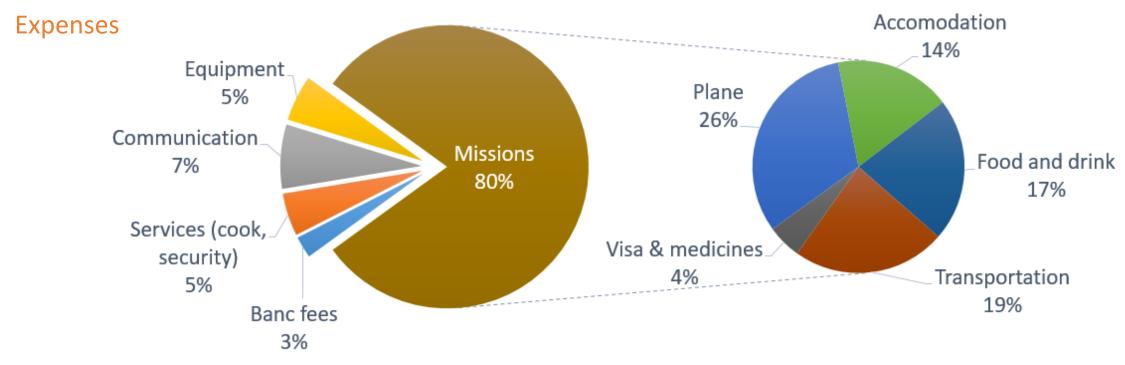


Togo under the stars – A great success!

- Togo under the stars reached over 10.000 Togolese in total
- We visited 9 schools, whose 8260 students we met, we showed the sky to 1300 visitors in 6 public squares, we trained 50 teachers in astronomy
- Extremely positive feedback from the general public, students, the teaching staff and public authorities
- Waiting for a second edition!



Togo under the stars – Total cost: 16 210€



Financial supports (Thank you!):







31% (French Hub proposal)

18% (grant)

On the road again...

- we are preparing a 2-week scientific outreach itinerary in Ivory Coast for February 2023
- In addition to activities with schools, teachers and the general public, we want to make an ethnographic study, about the Ivorian cosmogonies























