

# GFOI Side Event

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Presented by :

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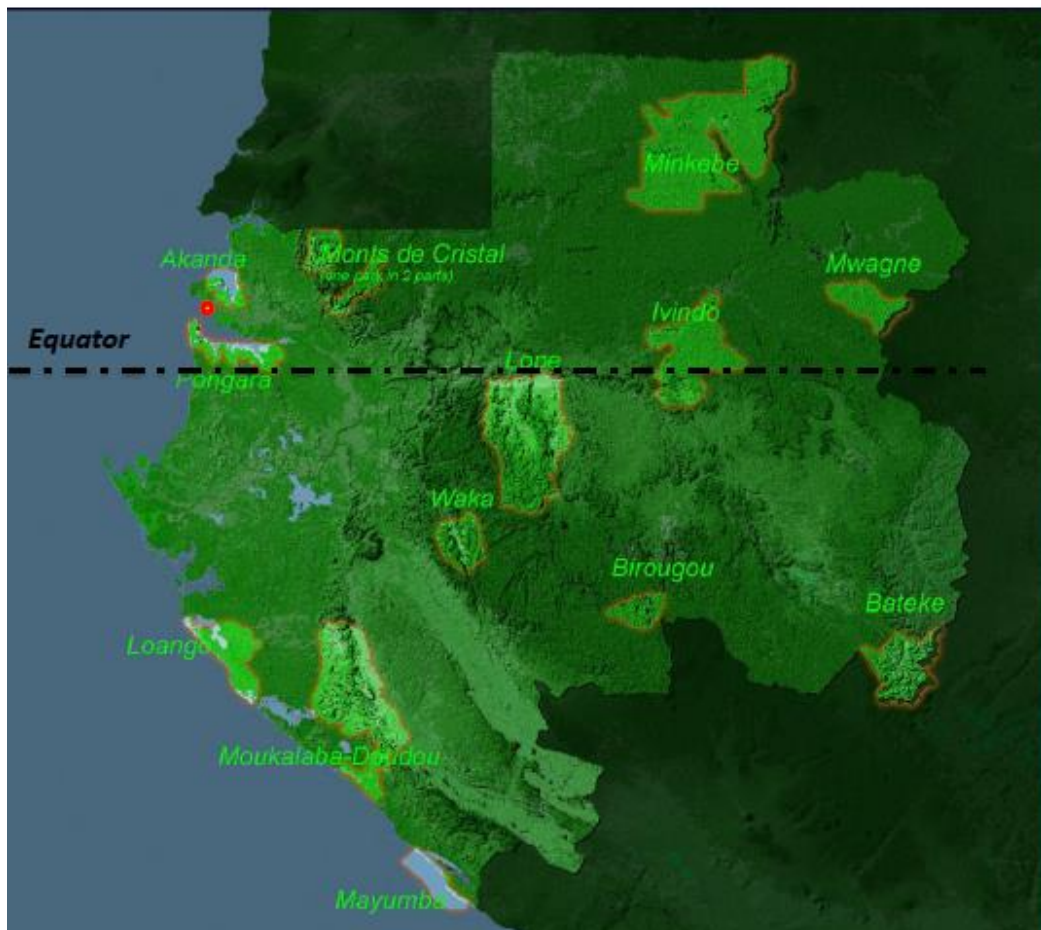


# AGEOS

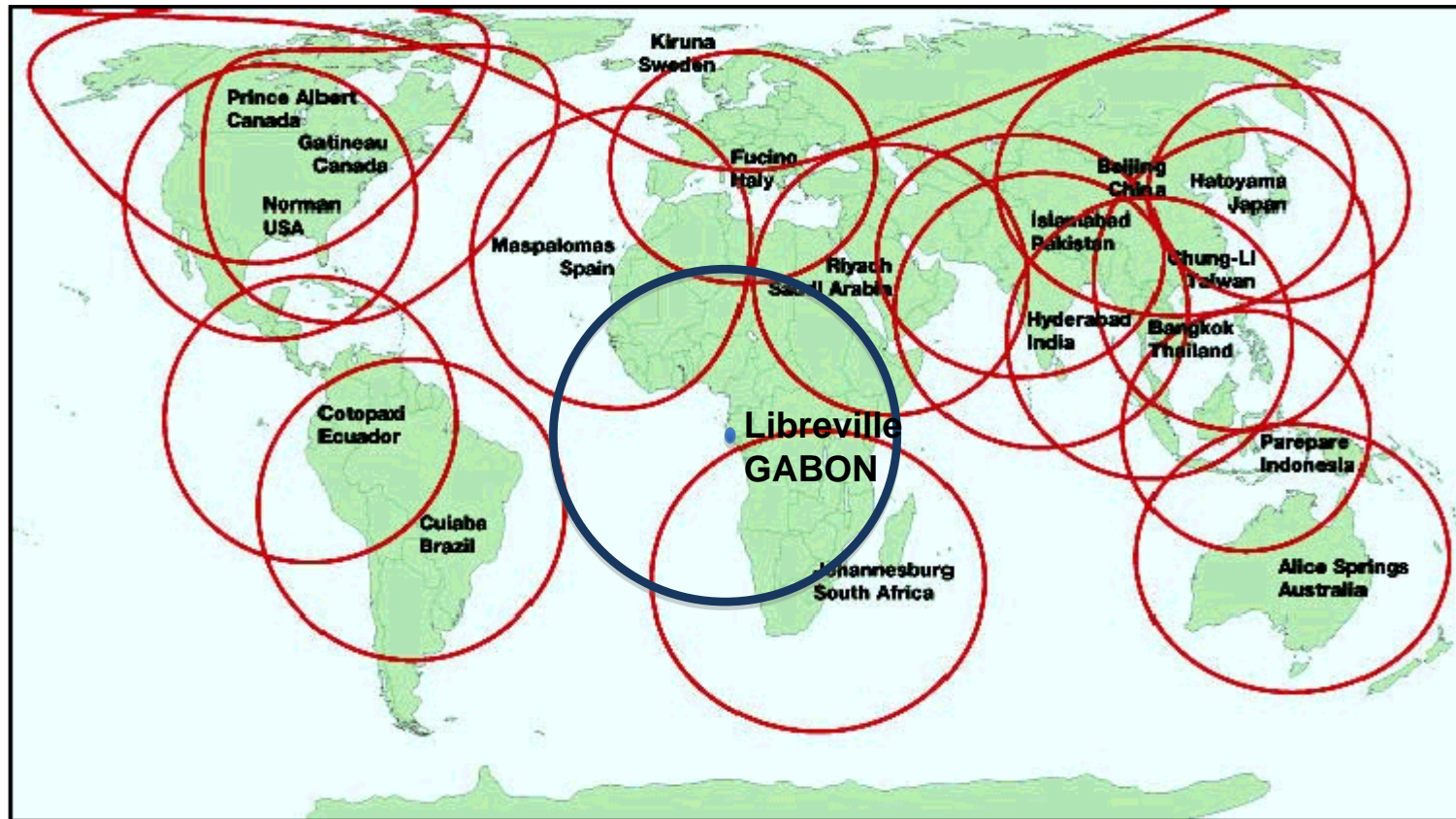
AGENCE GABONAISE D'ÉTUDES  
ET D'OBSERVATIONS SPATIALES



## ABOUT GABON



- **Republic of Gabon.**
- 268 000 sq km
- Capital : Libreville.
- Population : 1.5 million.
- Located on the equator,
- More than 88% of the territory is covered by forest.
- 13 National parks represent 11% of the territory





✓ Coverage circle : 2800 km

23 countries

✓ Guinea Golf





## **AGEOS is a public agency**

### The missions are :

- ✓ to establish an space infrastructure;
- ✓ to provide satellite data to climate change impacts;
- ✓ to provide satellite data to public and private sectors for natural resources and land use monitoring for a sustainable development ;
- ✓ to promote, at the national and international level, research activities, innovation, development and training in the field of EO applications;
- ✓ to submit to the Government the elements of a national strategy in the field of space observation activities.



# AGEOS Ground Station X Band multi mission



- Antenna operational since beginning of June
- Building in use since the end of april





## □ LGAC status

**LANDSAT-2 : 121 scenes**

**LANDSAT-3 : 91 scenes**

**LANDSAT 4 : 361 scenes**

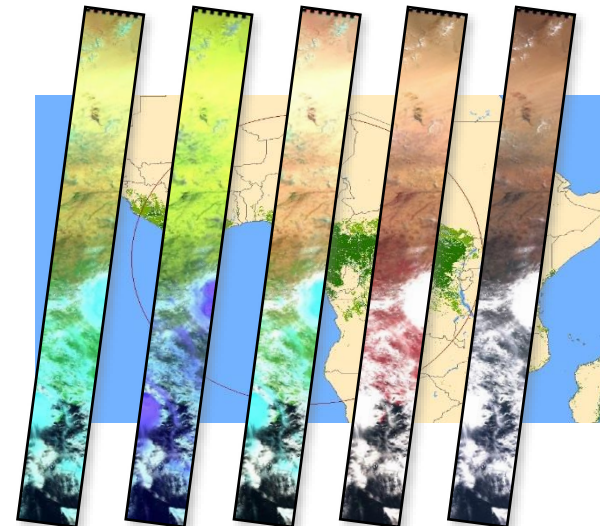
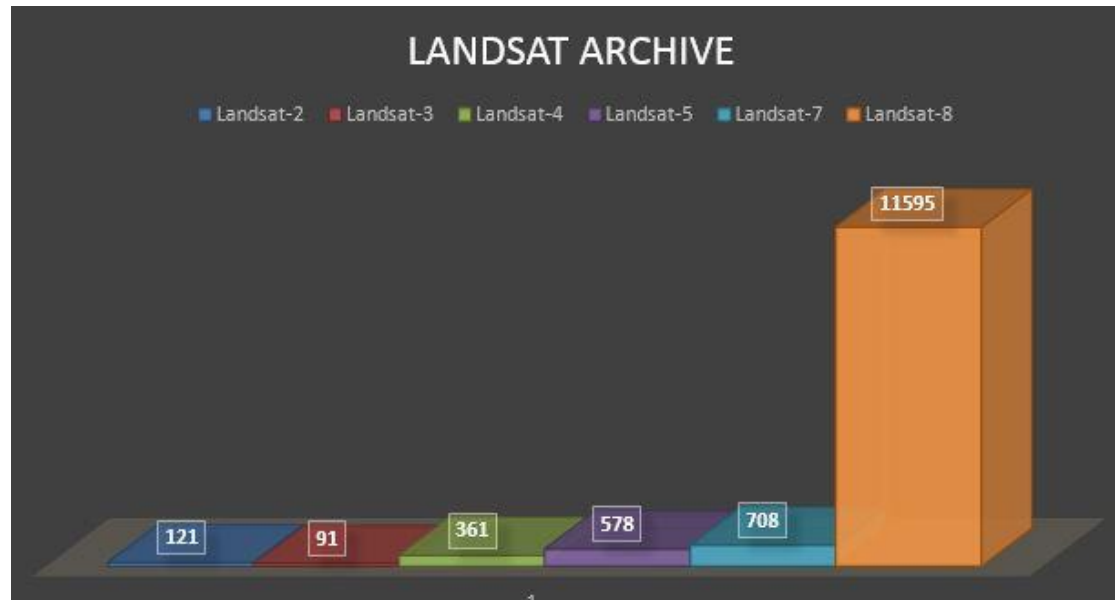
**LANDSAT-5 : 578 scenes**

**LANDSAT-7 : 7708 scenes**

**LANDSAT-8 : 11595 scenes**  
(6258 scenes acquired by since  
june 2015 AGEOS)

**All Landsat archive data : 20 454 scenes**

**Data storage capacity : 36 To;**





## Applications and Satellites selected

The Gabonese government has identified four priority applications that will be operational services provided by AGEOS :

- ✓ **Forest**
- ✓ **Coastal Management**
- ✓ **Water Resources**
- ✓ **Urban dynamics**

Applications	Forest	Water	Littoral	Urban
Satellites	<ul style="list-style-type: none"> <li>- LDCM</li> <li>- <b>CBERS</b></li> <li>- SPOT</li> </ul>	<ul style="list-style-type: none"> <li>- Modis</li> </ul>	<ul style="list-style-type: none"> <li>- LDCM</li> <li>- SPOT</li> <li>- Modis</li> <li>- Radarsat</li> <li>- Sentinel</li> </ul>	<ul style="list-style-type: none"> <li>- SPOT</li> <li>- THEOS</li> <li>- Pleiades</li> <li>- Sentinel</li> </ul>

