



Fostering Environmental Data Collection with GOLDS Constellation

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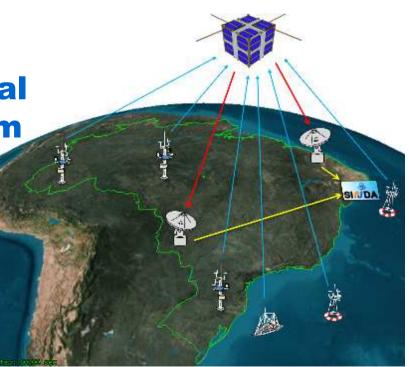




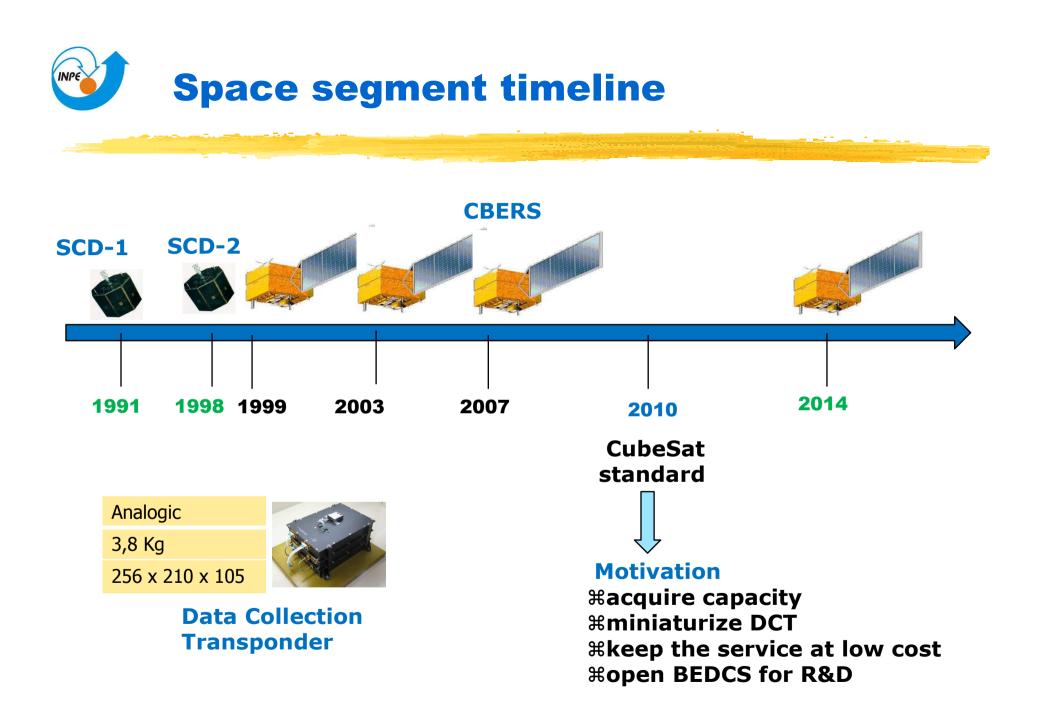
A collaborative Cubesat constellation-based for environmental data collection

Solution initiatives on the modernization of the local data collection system

Brazilian Environmental Data Collection System (BEDCS)

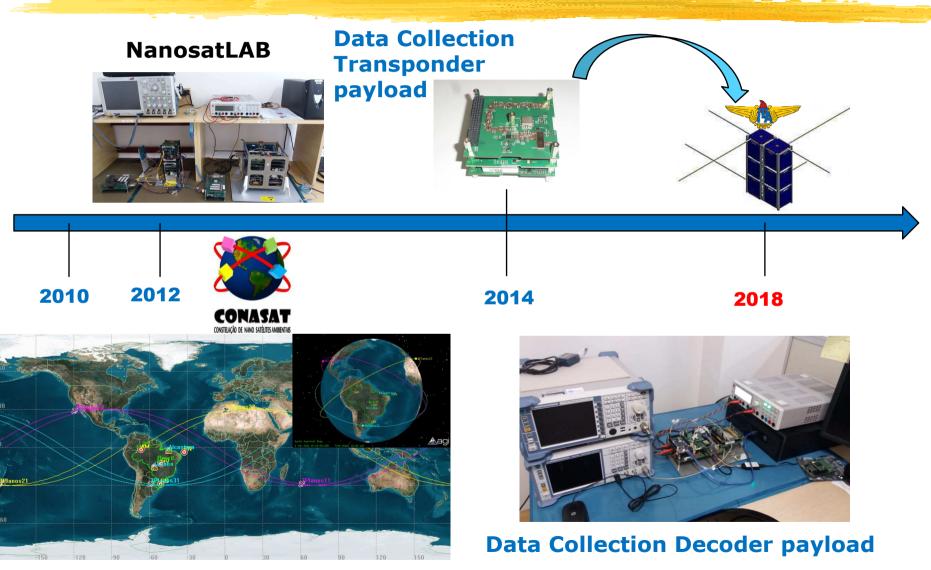












Nanosatellite constellation



- **Bata Collection Decoder has been developed for Cubesat**
- # A constellation carrying the decoder as payload is necessary to cope with DCP revisit
- Here is the second stability of the second stability o
- **#** Short lifetime requires replacement

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Collaboration is a MUST



A collaborative Cubesat constellation-based for environmental monitoring

∺ How should it work???

Scenario:

- i) user application: using DCP network, data storage and access that properly meets user business
- ii) space infrastructure: keeping the constellation alive with the addition of new Cubesat mission, which carries the DC decoder as one payload.



Provide data for scientists, government institutions and private companies in the country

Useful in different applications: weather forecasting, studies of ocean currents, tides, atmospheric chemistry, agricultural planning, monitoring of the watershed, river and rain gauge data, monitoring fishing vessel route, among others

Coperation in space applications





Think about...

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