#boscoverysat

#tlpinnova



A satellite with homespun electronics

July 2016

Problem Solution **Project Philosophy Team Achievements Tools** Roadmap **Current I+D process**





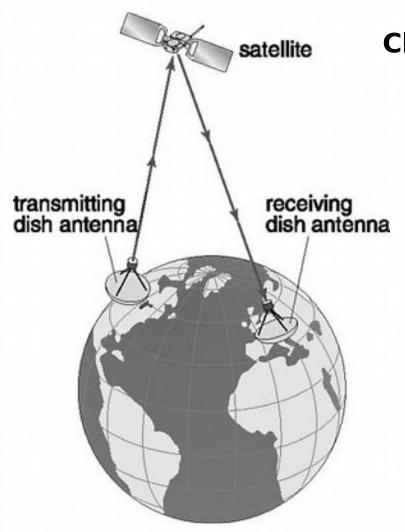
Problem

Solution
Project Philosophy
Team
Achievements
Tools
Roadmap
Current I+D process





PROBLEM



Classic Satellite Communications usual problems

High costs
Unaccessible
Private owners
Low bandwidth
Maintenance





Problem

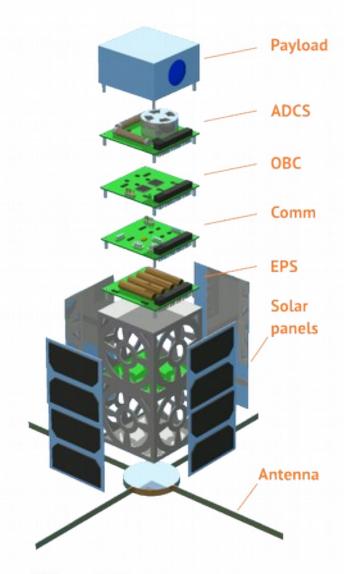
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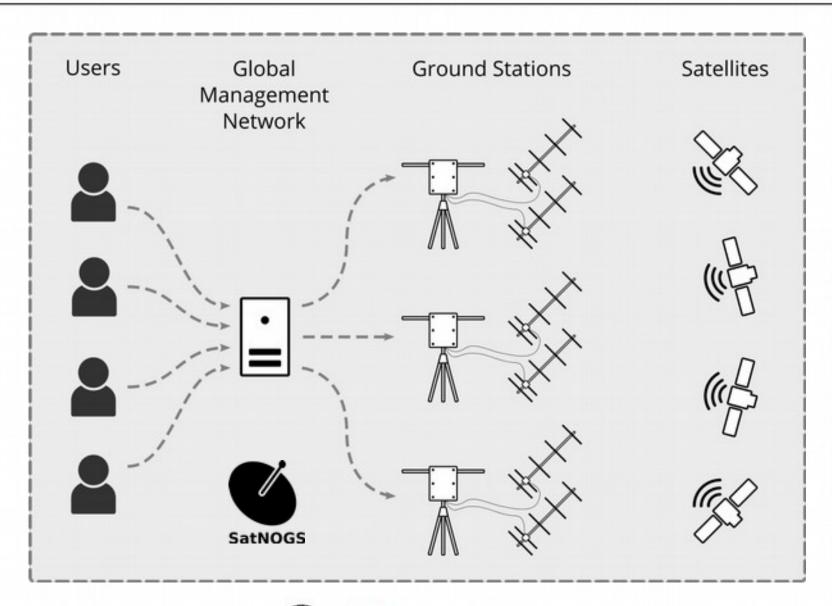
















Problem Solution

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PROJECT PHILOSOPHY









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TEAM



Eduardo González Hernández



Héctor Melián Plasencia



Luis Herrera Medranda



Ernesto Padrón Velázquez



Goyo Regalado Pacheco



Dailos Díaz Lara













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RADIO STATION (SATELLITE TRACKER)

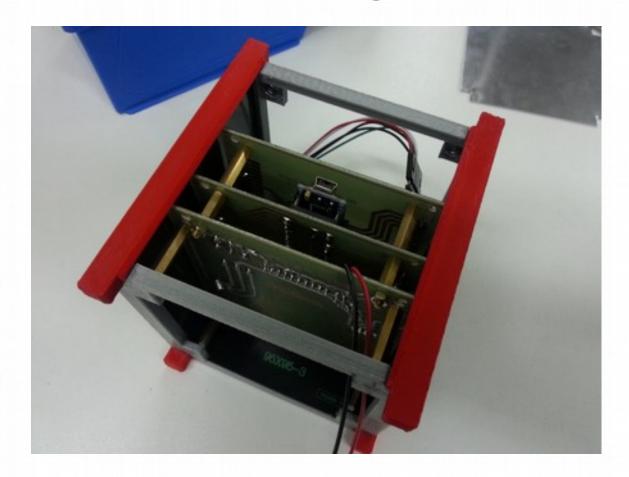


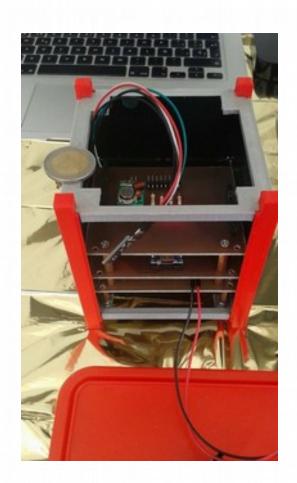






SATELLITE



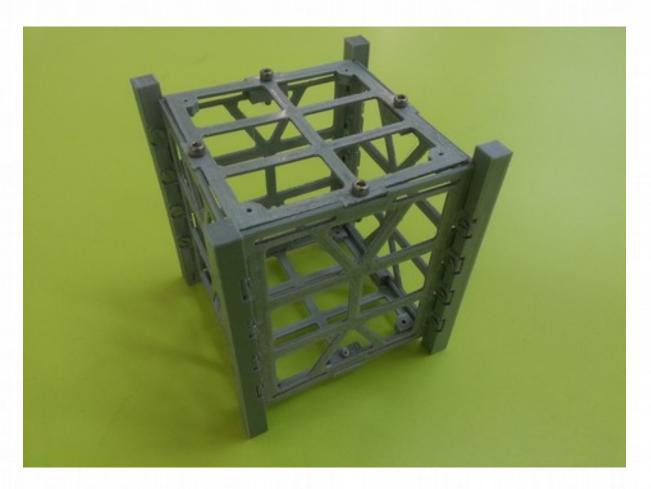


MARK I - ALPHA 1





SATELLITE

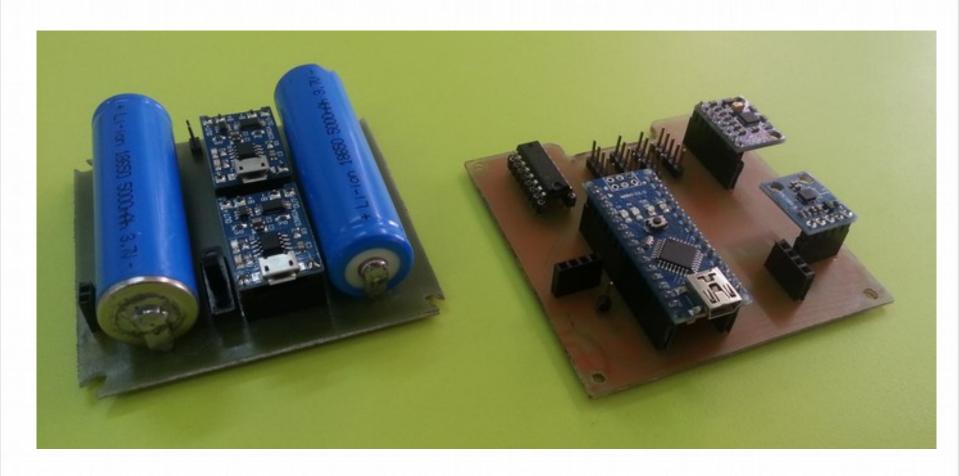


MARK I - ALPHA 2





SATELLITE

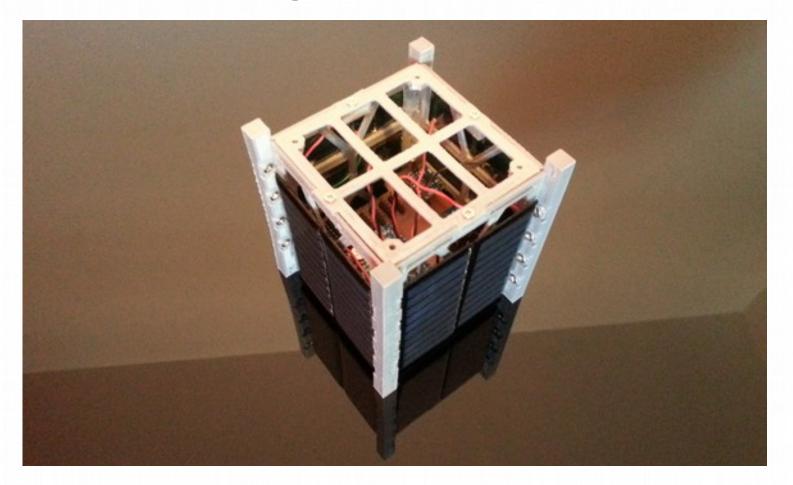


MARK I - ALPHA 2





SATELLITE

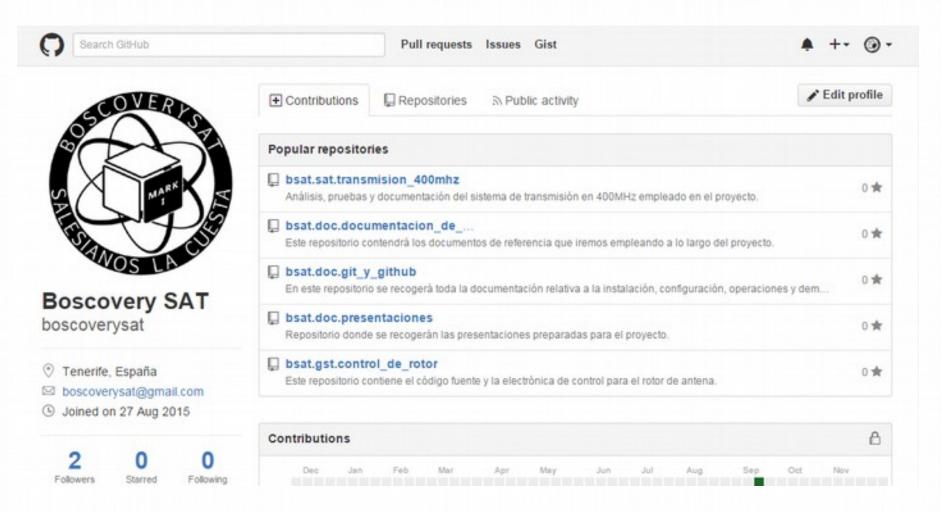


MARK I - ALPHA 2





DOCUMENTATION (GitHub Repository)







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COMMUNICATION



Gmail



Whatsapp

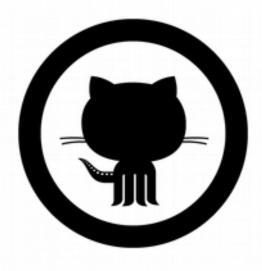




TEAMWORK



Google Drive



GitHub





MANAGEMENT



Google Calendar



Trello





DEVELOPMENT (SW & HW)

Editors and IDEs











Prog. Languages







Version Control



Operative Systems







Satellite & Tracker

















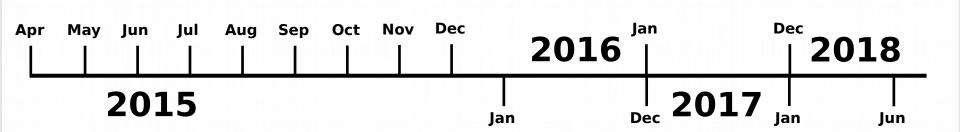
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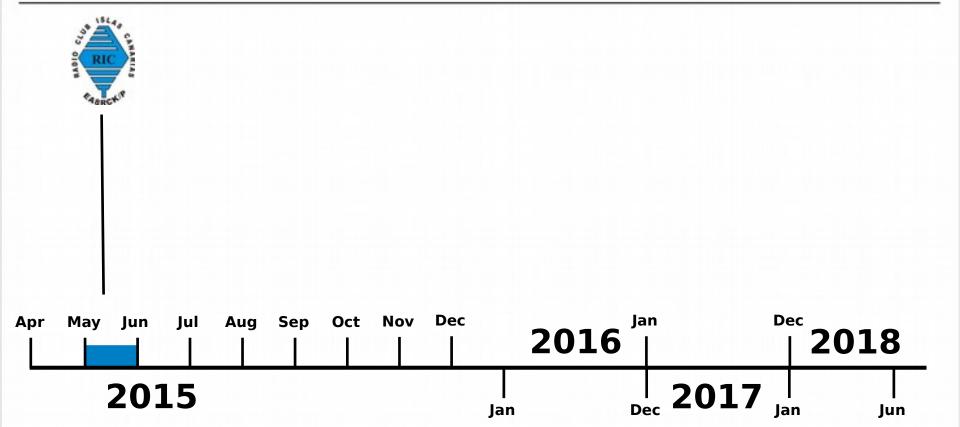


It is a long time project



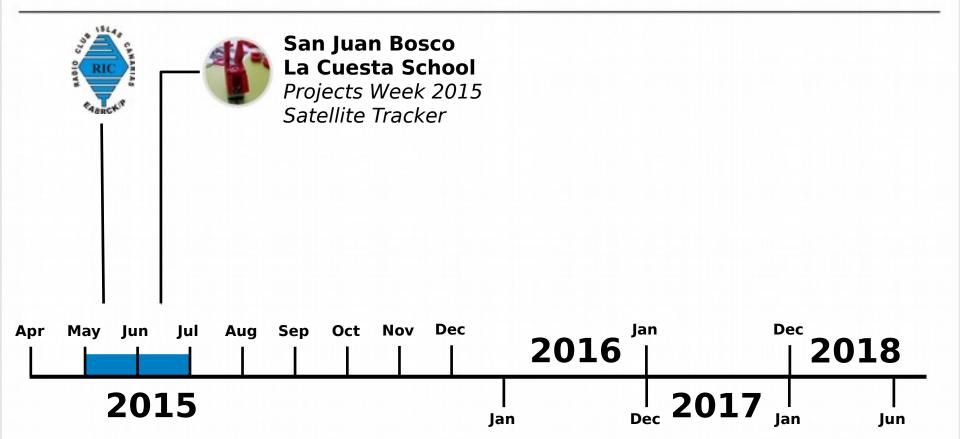






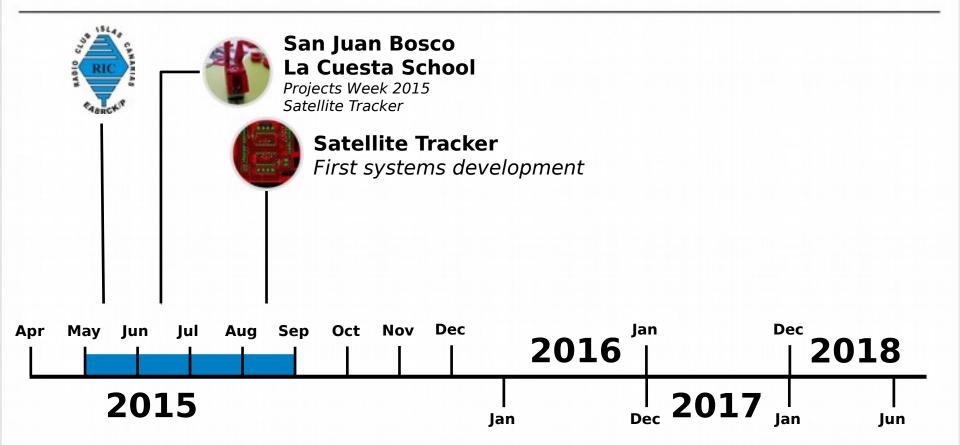






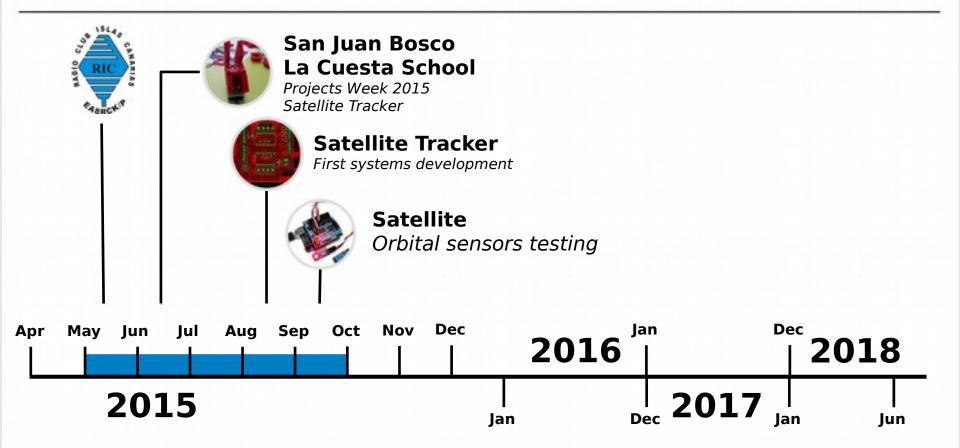






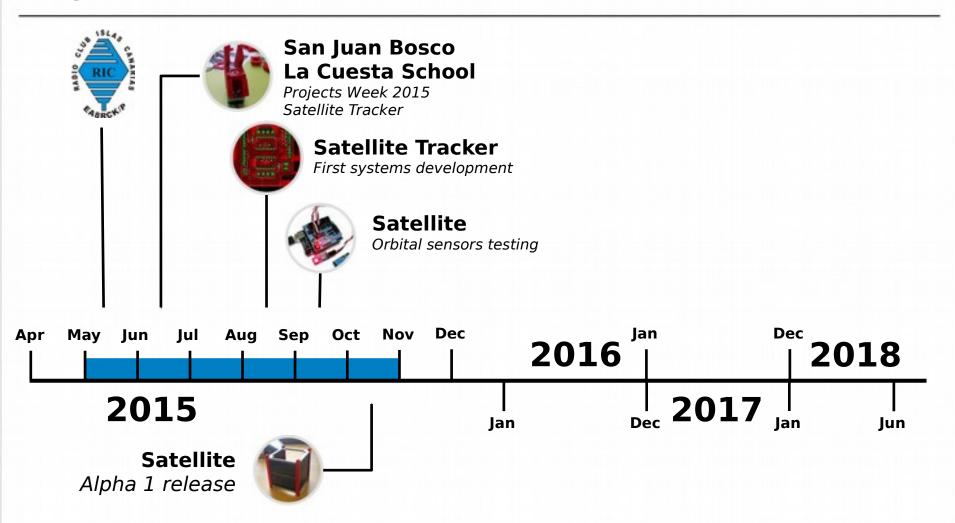






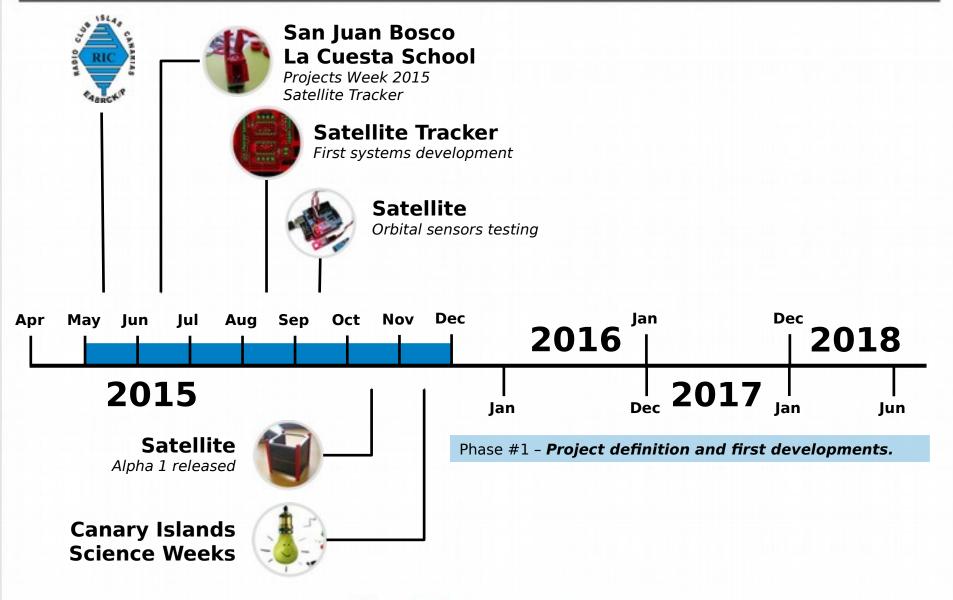






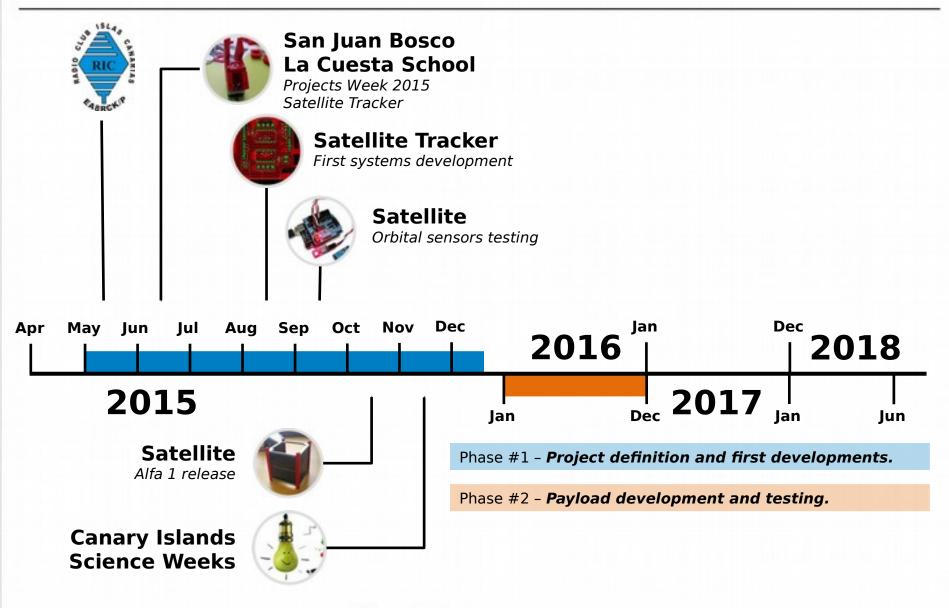












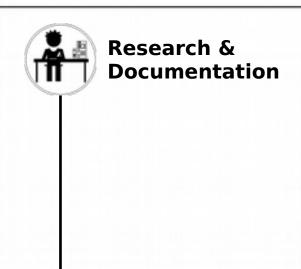


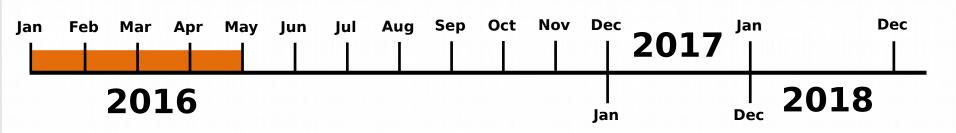


2016







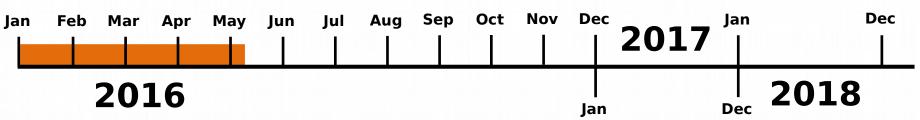


Phase #1 - **Project definition and first developments.**





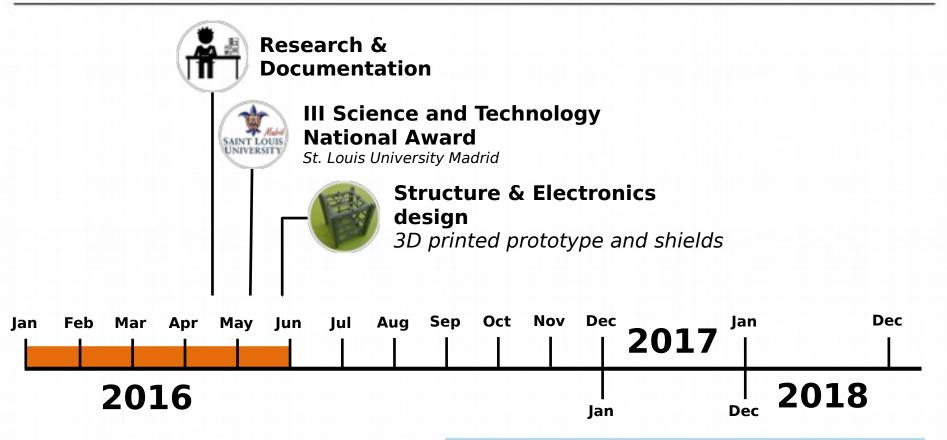




Phase #1 - Project definition and first developments.





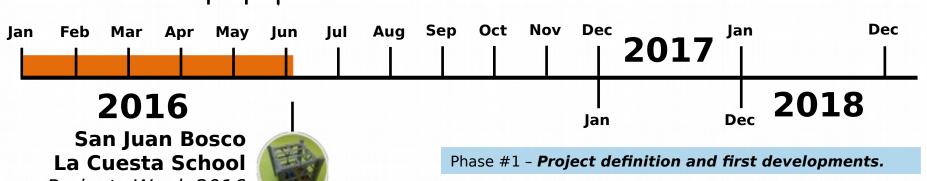


Phase #1 - Project definition and first developments.









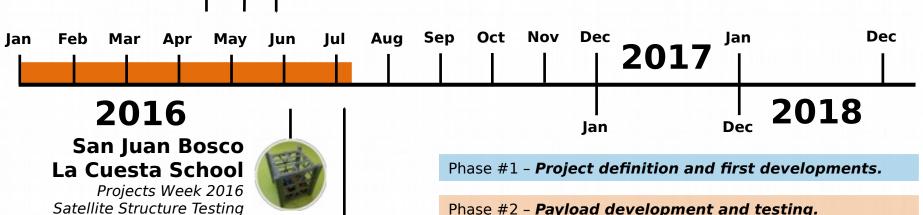
Projects Week 2016 Satellite Structure Test











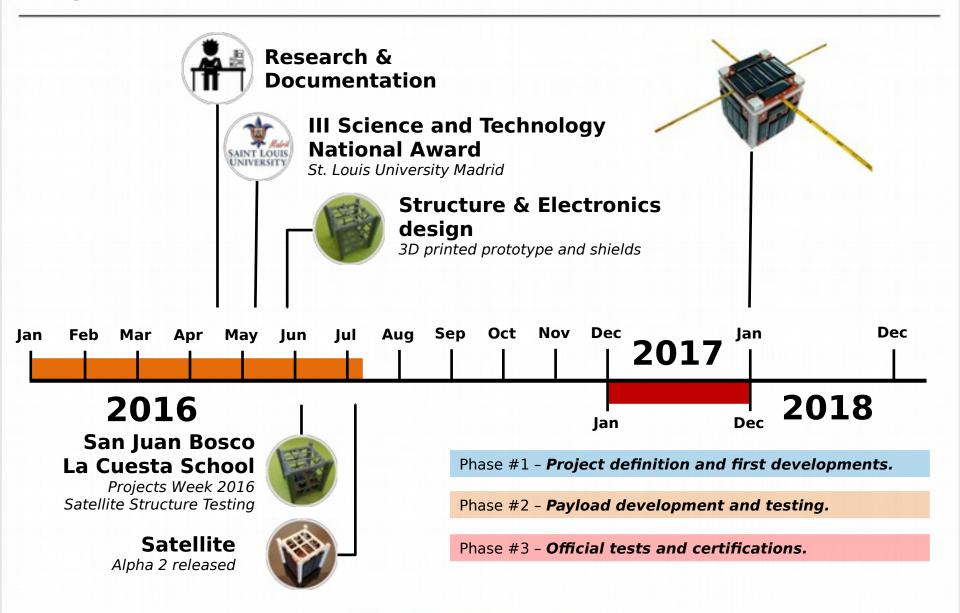
Satellite

Alpha 2 released



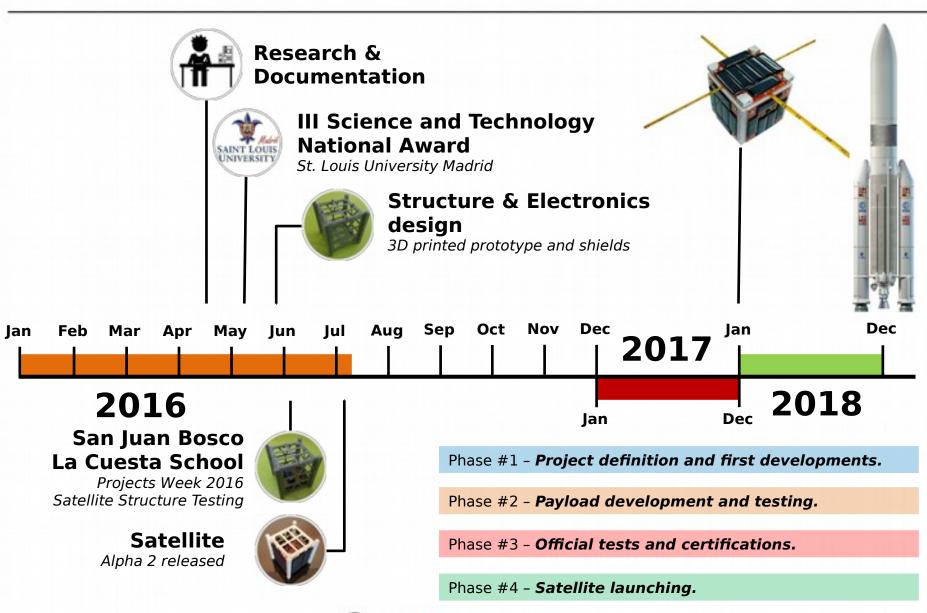
















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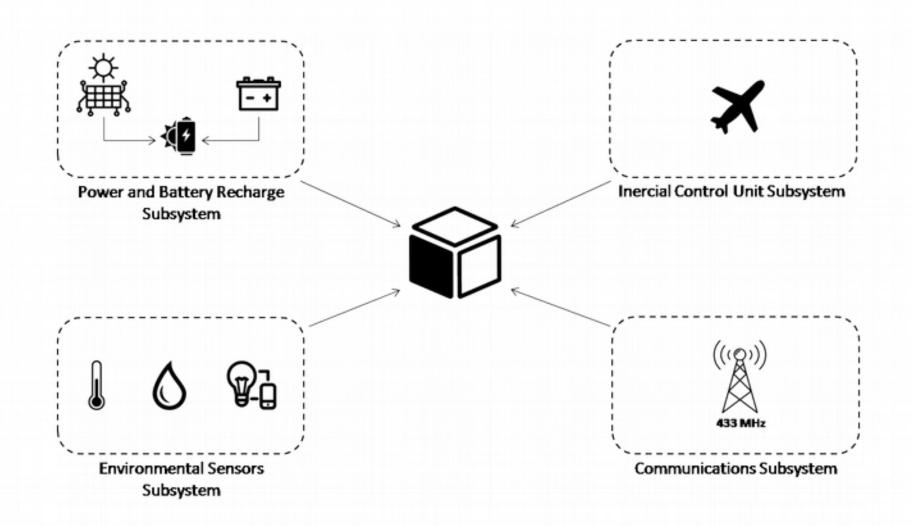
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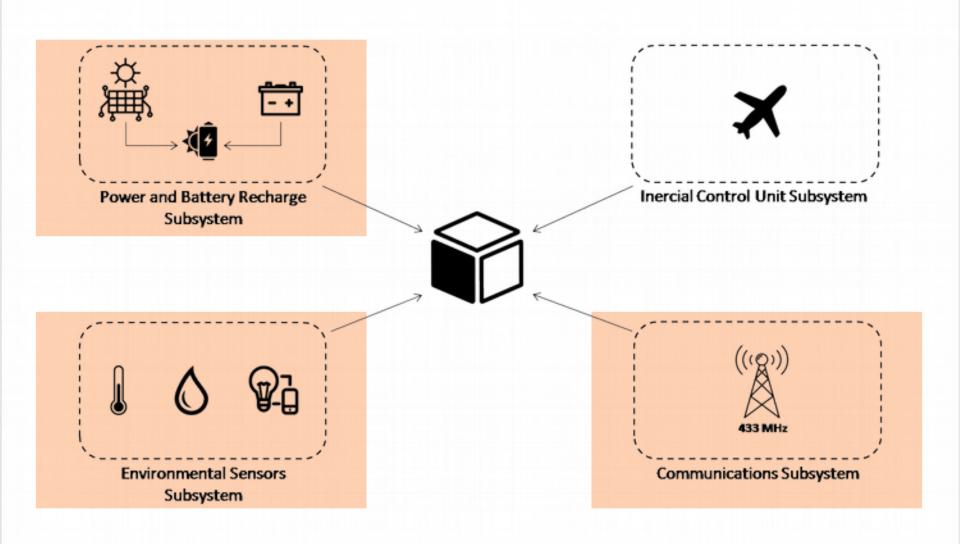
CURRENT I+D PROCESS







CURRENT I+D PROCESS











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boscoverysat.github.com









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