



A satellite with homespun electronics

May 2016

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**Problem
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Project Philosophy
Team
Achievements
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Roadmap**



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Problem

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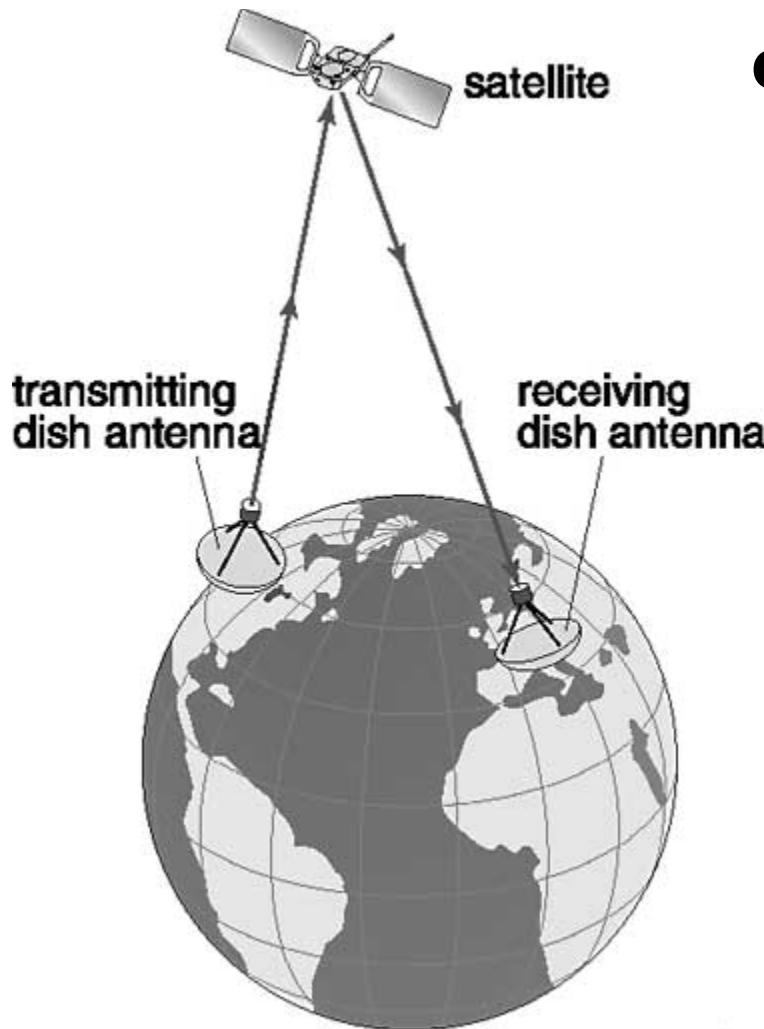
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PROBLEM



Classic Satellite Communications frequent issues

High costs
Unaccessible
Private owners
Low bandwidth
Maintenance



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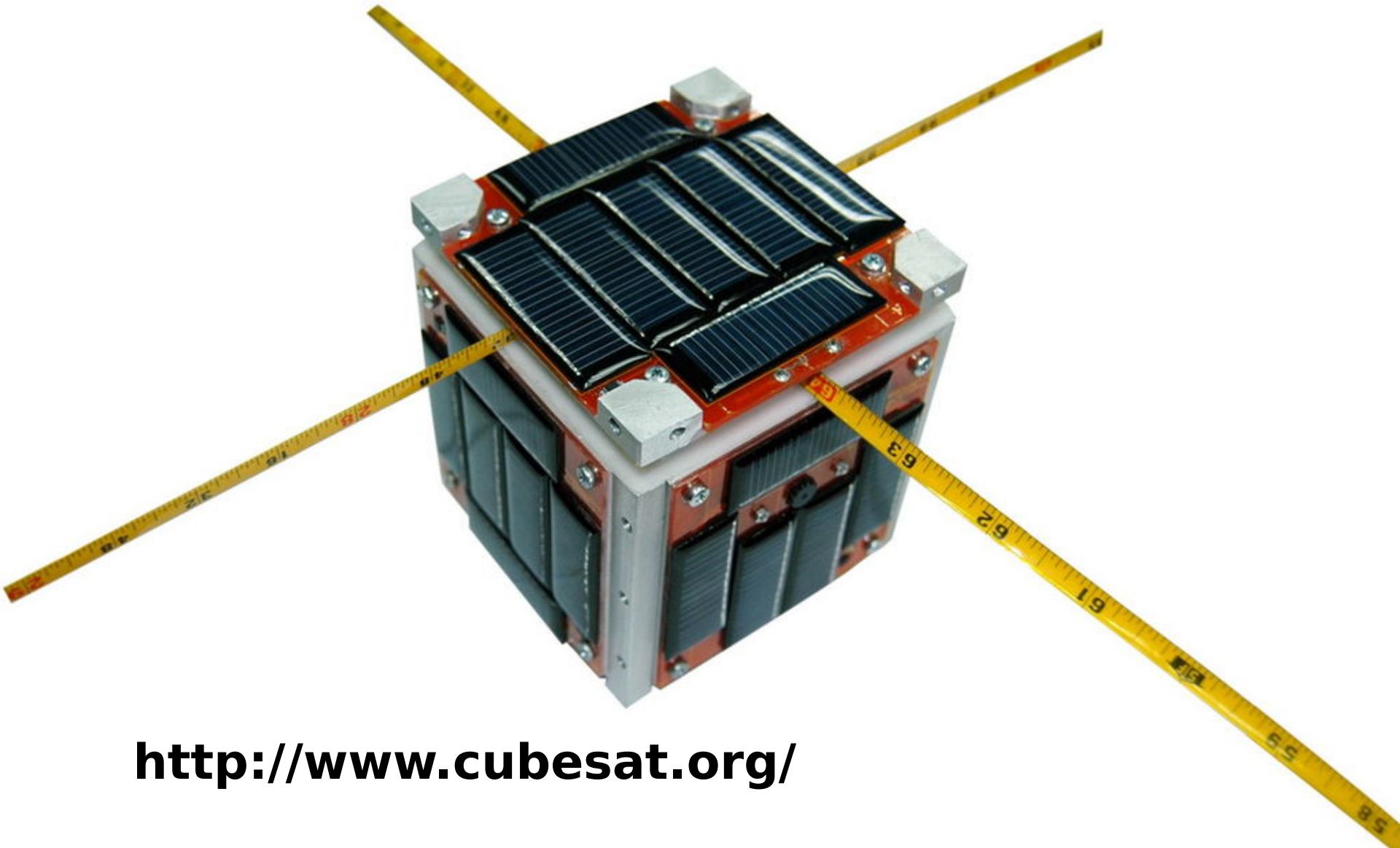
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SOLUTION

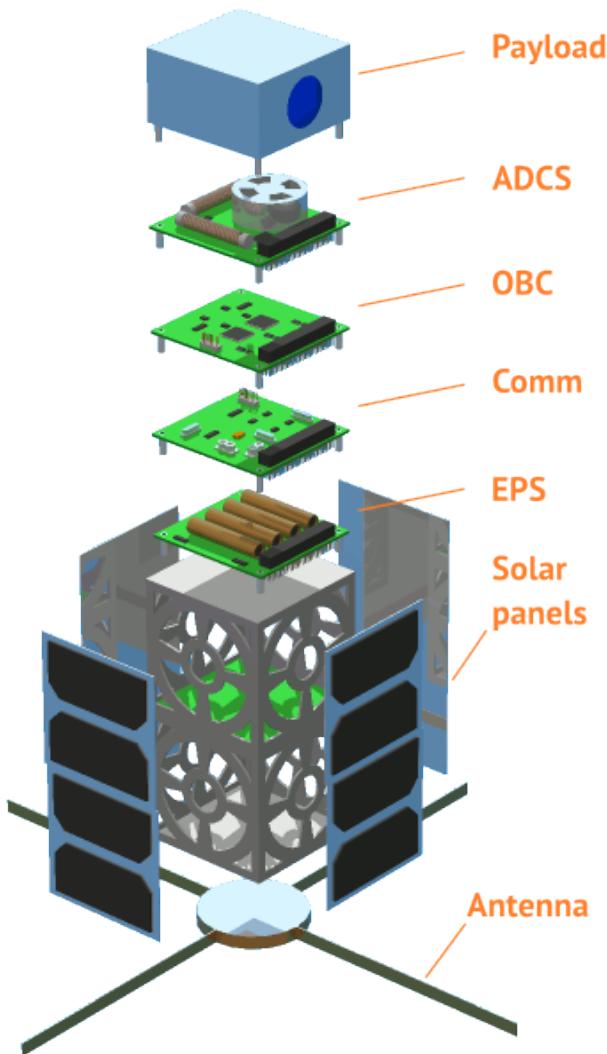


<http://www.cubesat.org/>



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SOLUTION



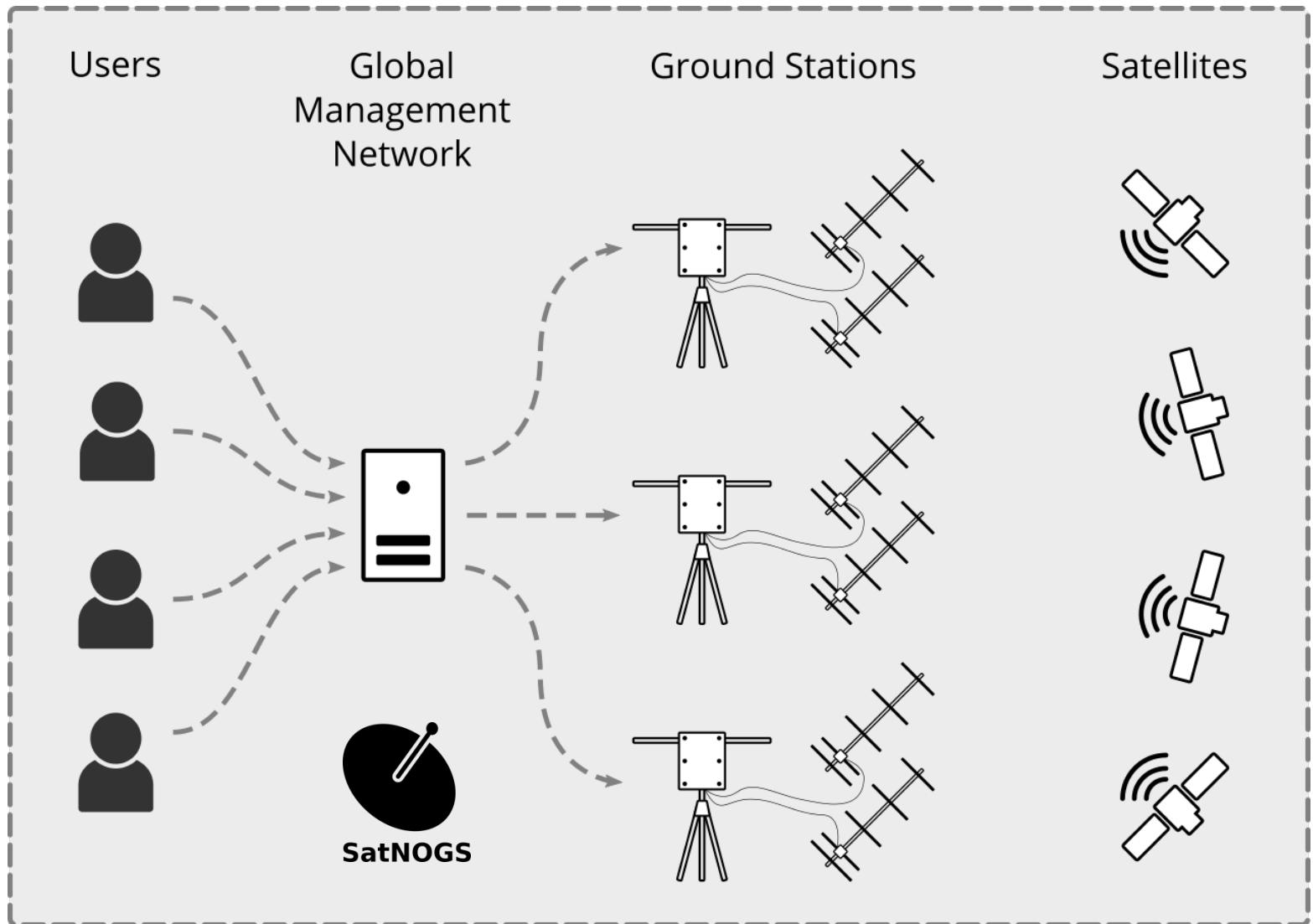
SOLUTION

<https://satnogs.org/>



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SOLUTION



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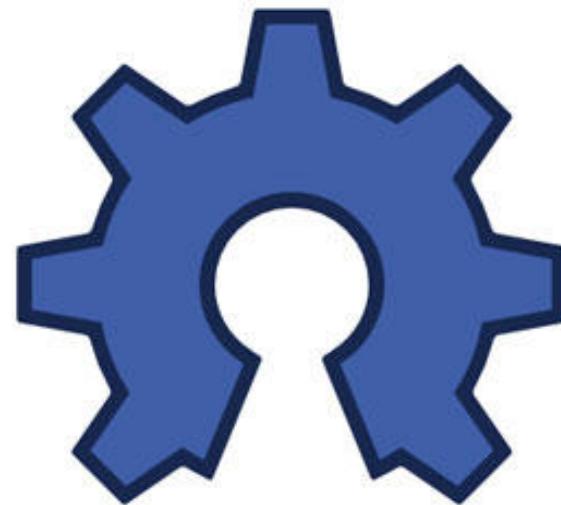
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PROJECT PHILOSOPHY



open source



open hardware



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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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TEAM



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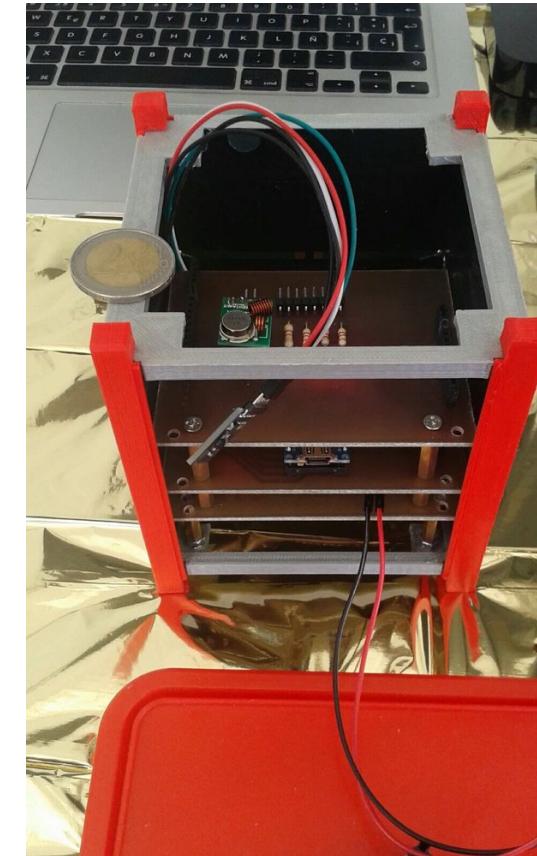
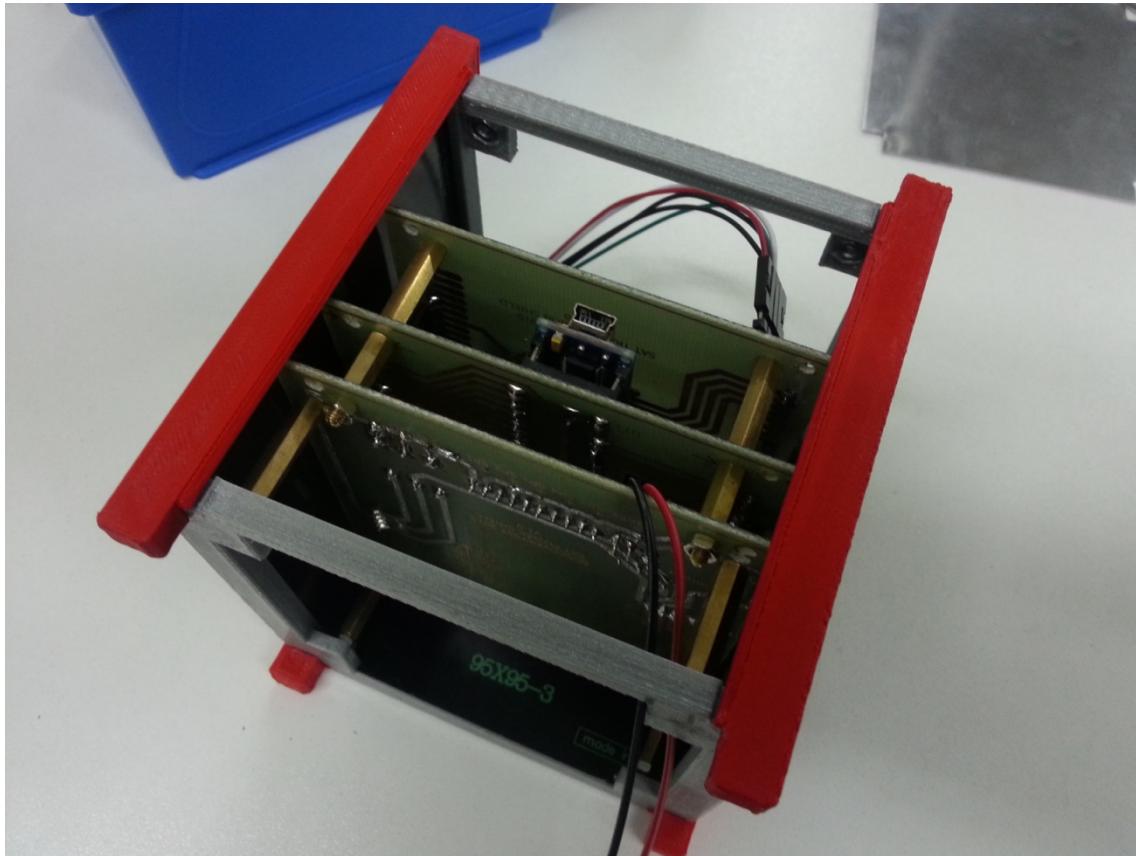
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ACHIEVEMENTS

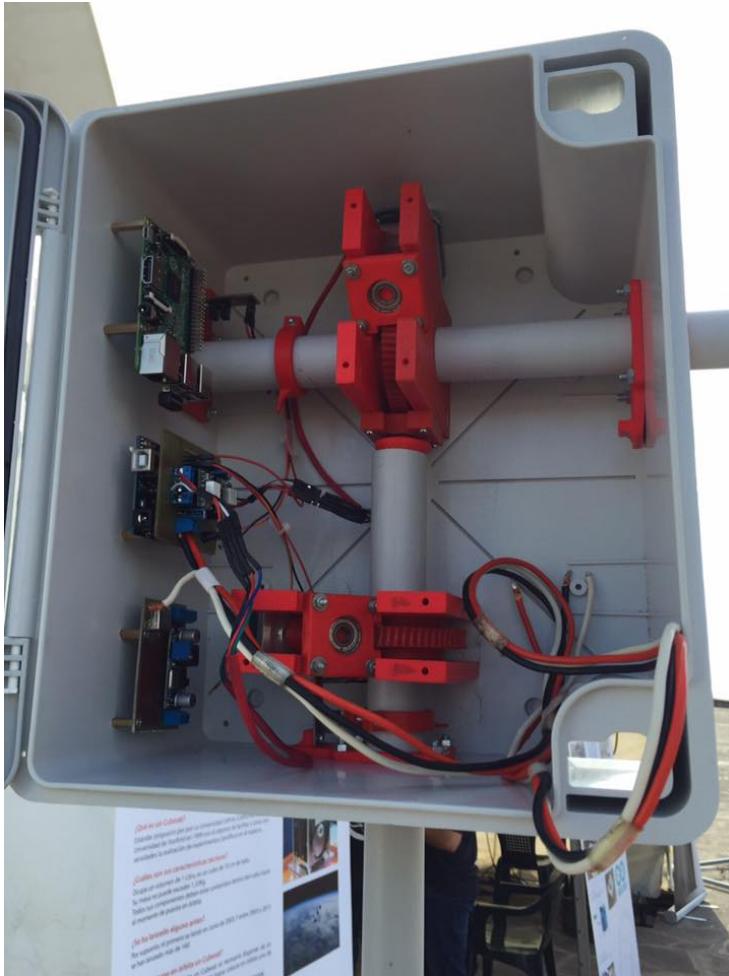
SATELLITE



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ACHIEVEMENTS

RADIO STATION (SATELLITE TRACKER)



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ACHIEVEMENTS

DOCUMENTATION (GitHub Repository)

Search GitHub

Pull requests Issues Gist

Contributions Repositories Public activity Edit profile



Boscovery SAT
boscoverysat

Tenerife, España
boscoverysat@gmail.com
Joined on 27 Aug 2015

2 Followers 0 Starred 0 Following

Popular repositories

- bsat.sat.transmision_400mhz**
Análisis, pruebas y documentación del sistema de transmisión en 400MHz empleado en el proyecto.
- bsat.doc.documentacion_de_...**
Este repositorio contendrá los documentos de referencia que iremos empleando a lo largo del proyecto.
- bsat.doc.git_y_github**
En este repositorio se recogerá toda la documentación relativa a la instalación, configuración, operaciones y dem...
- bsat.doc.presentaciones**
Repositorio donde se recogerán las presentaciones preparadas para el proyecto.
- bsat.gst.control_de_rotor**
Este repositorio contiene el código fuente y la electrónica de control para el rotor de antena.

Contributions

Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov



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COMMUNICATION



Gmail



Whatsapp

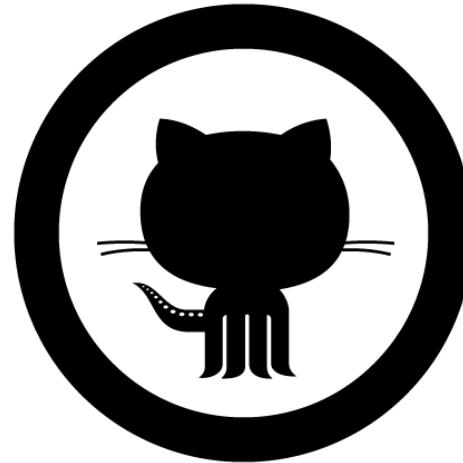


TOOLS

TEAMWORK



Google Drive



GitHub



TOOLS

MANAGEMENT



Google
Calendar



Trello



TOOLS

DEVELOPMENT (SW & HW)

Editors and IDEs



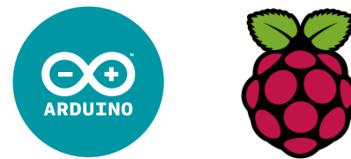
Version Control



Operative Systems



Satellite & Tracker



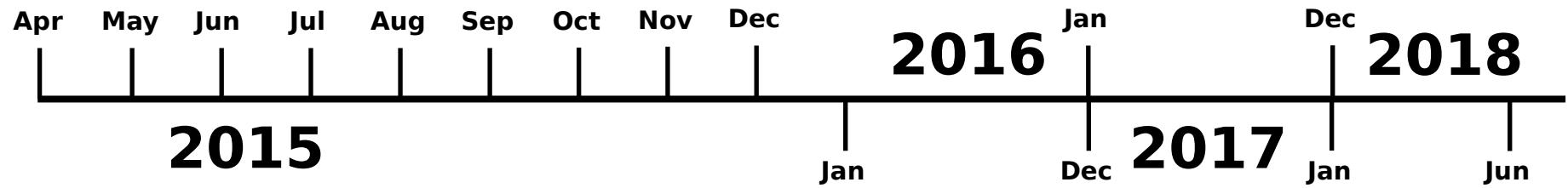
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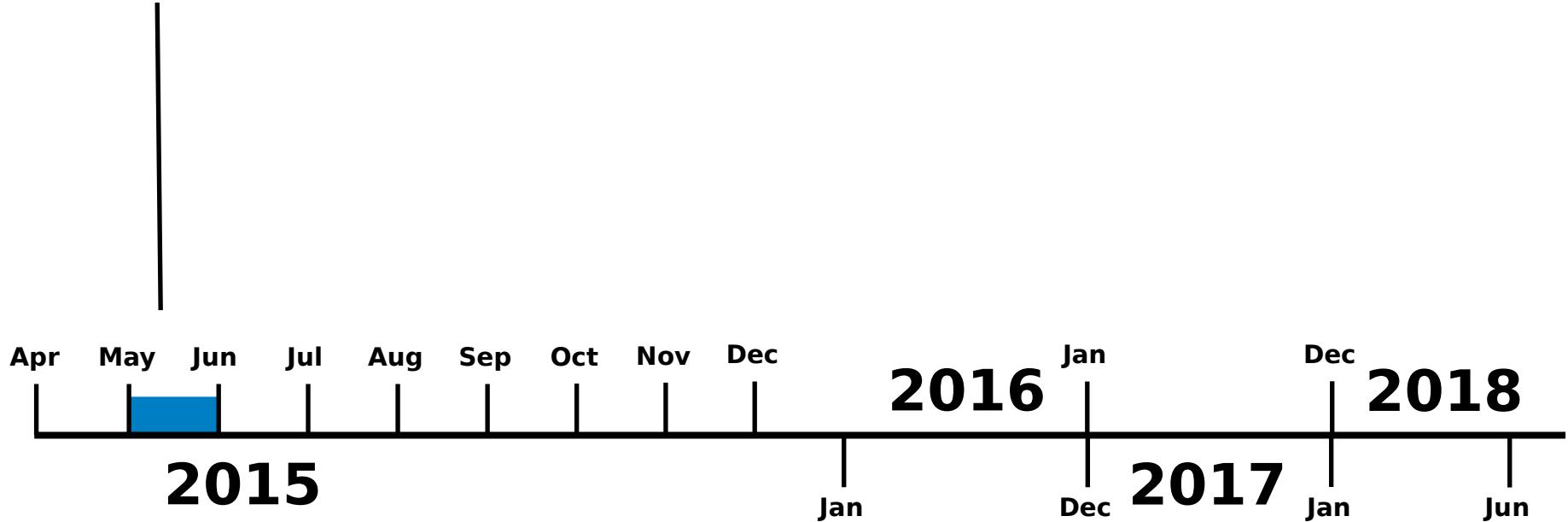


ROADMAP

It is a long time project



ROADMAP

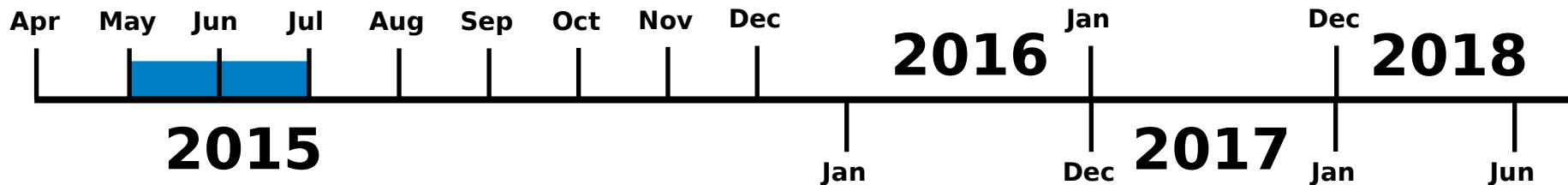


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ROADMAP



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La Cuesta School**
Projects Week 2015
Satellite Tracker



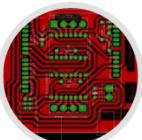
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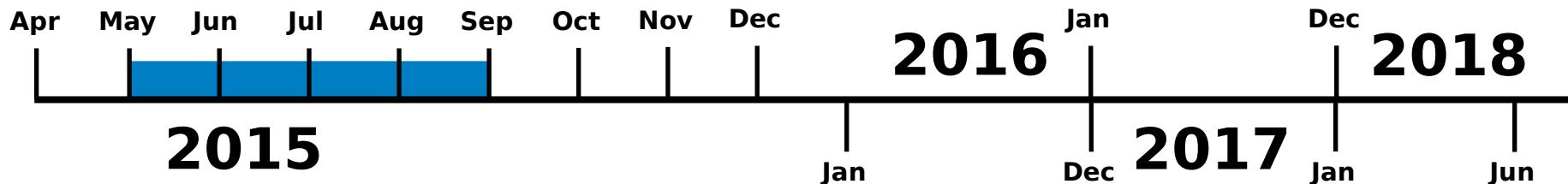
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Projects Week 2015
Satellite Tracker



Satellite Tracker

First systems development



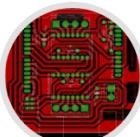
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ROADMAP



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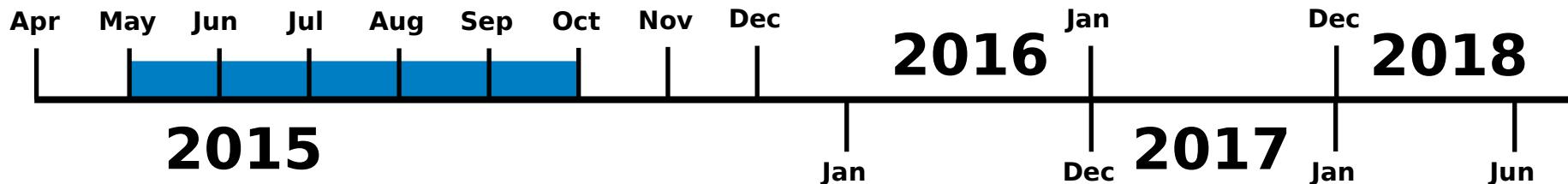


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First systems development

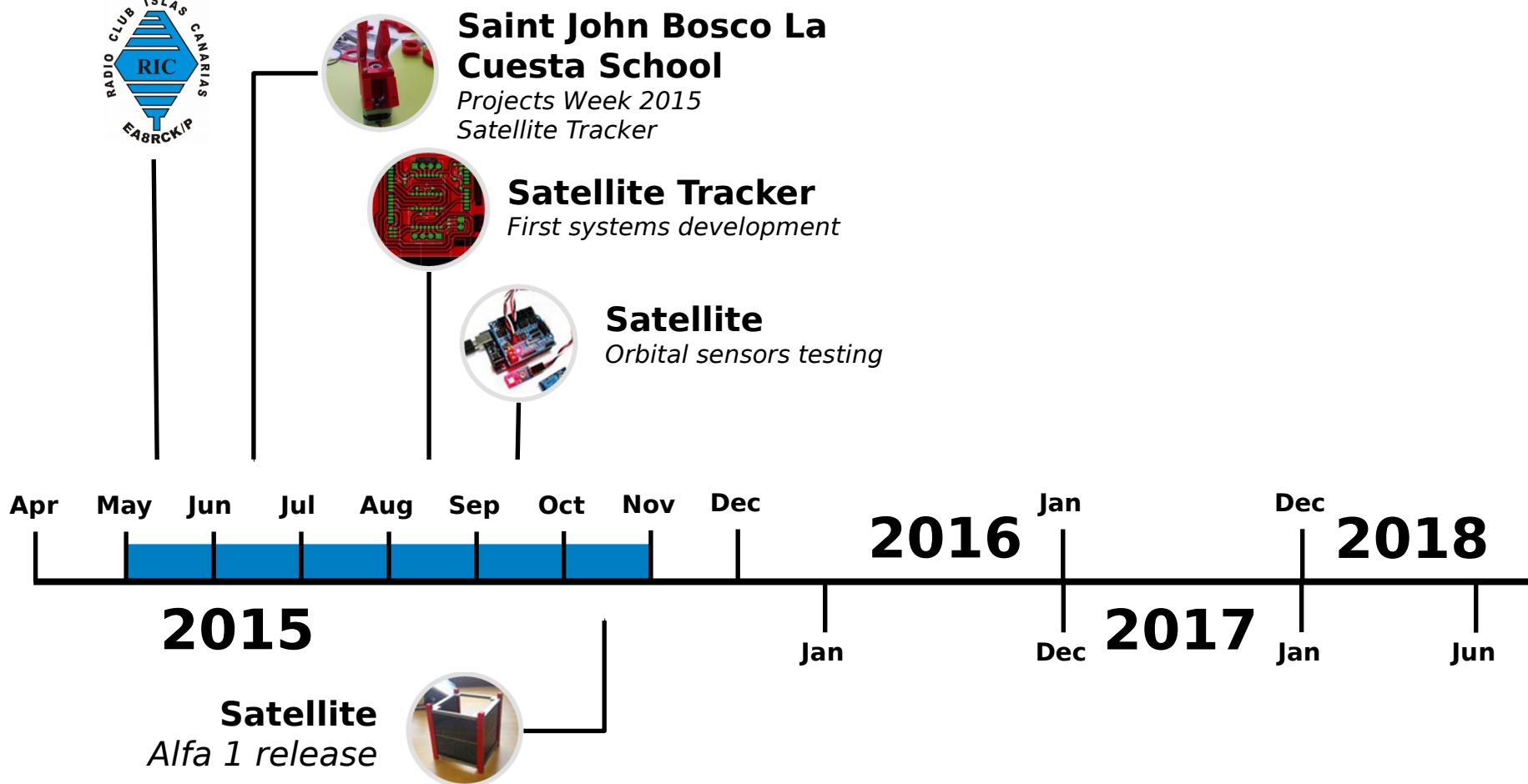
Satellite

Orbital sensors testing

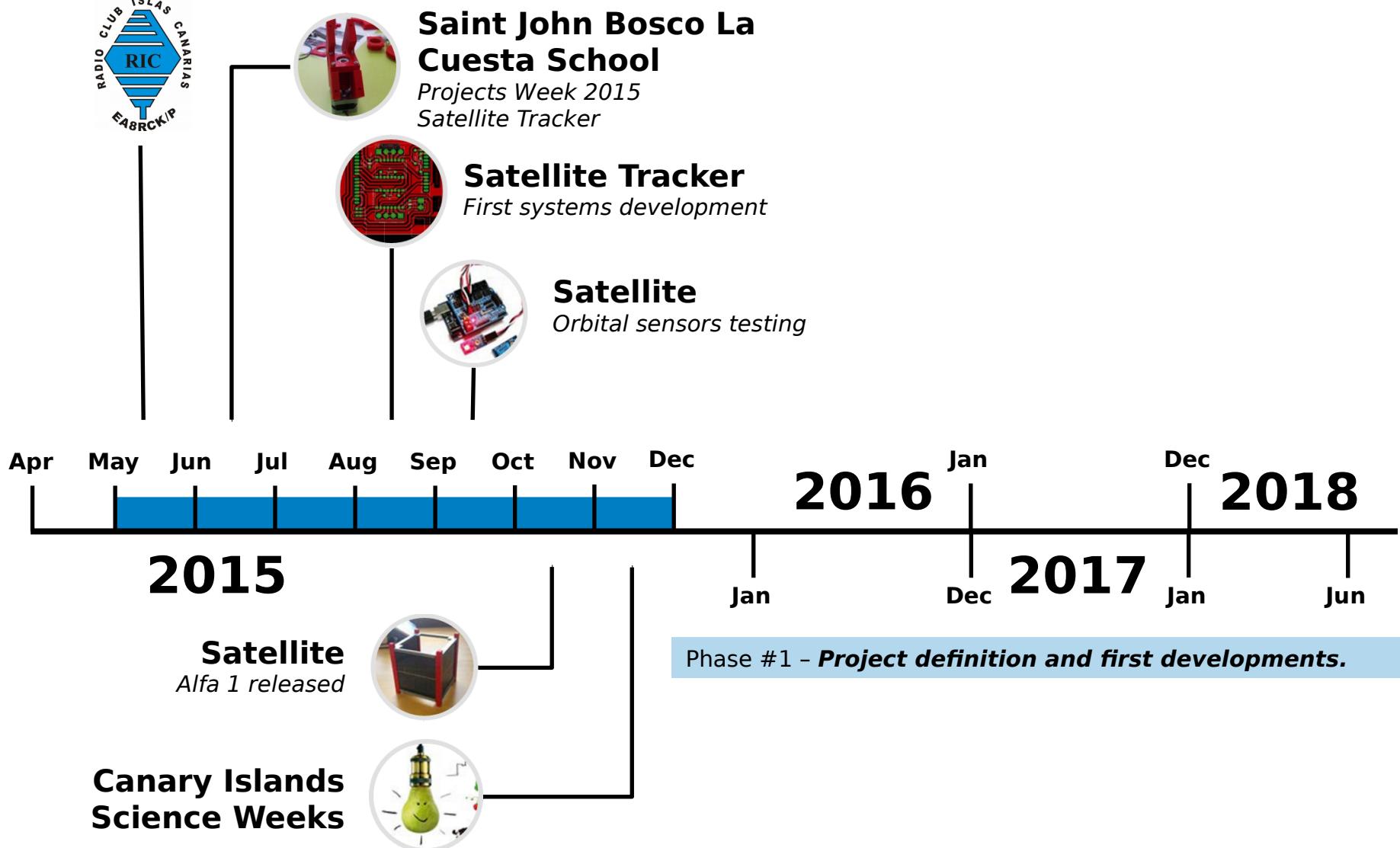


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ROADMAP



ROADMAP

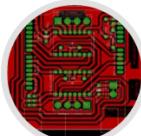


ROADMAP



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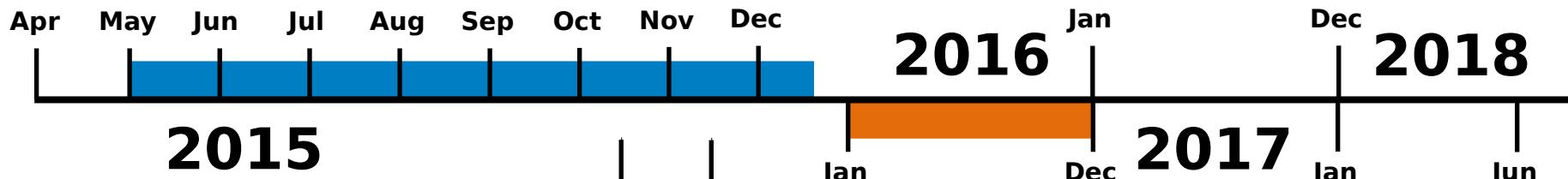


Satellite Tracker

First systems development

Satellite

Orbital sensors testing



Satellite

Alfa 1 release



Canary Islands Science Weeks



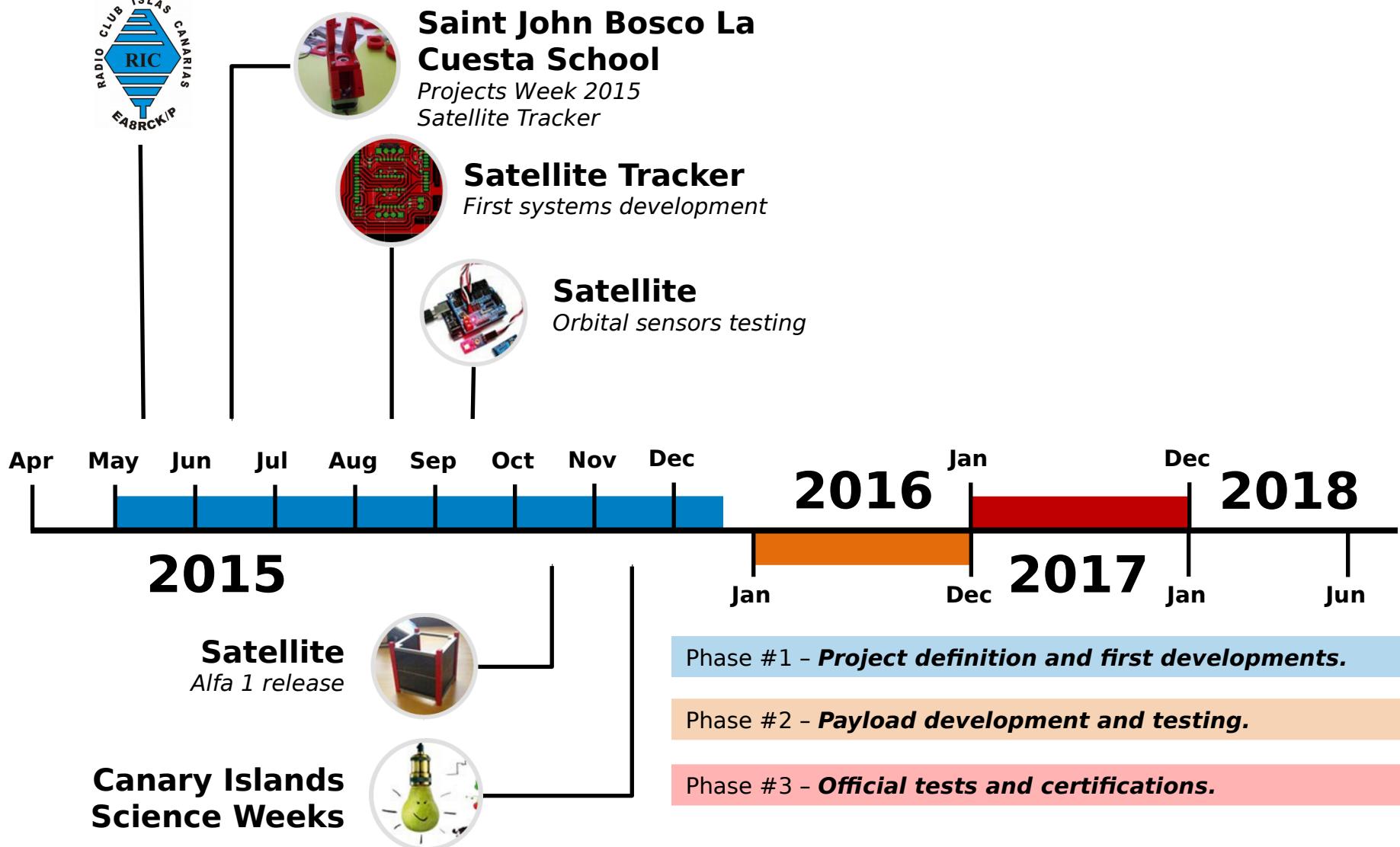
Phase #1 - **Project definition and first developments.**

Phase #2 - **Payload development and testing.**



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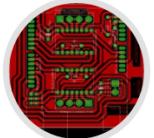


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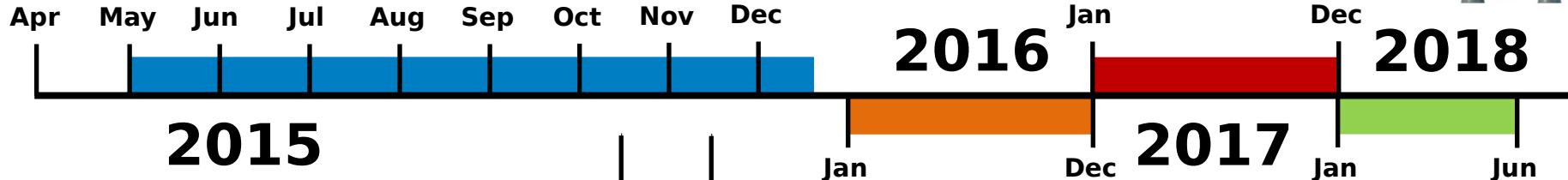
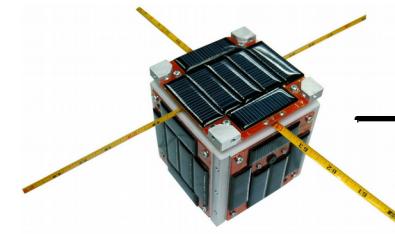


Satellite Tracker

First systems development

Satellite

Orbital sensors testing



Satellite

Alfa 1 release



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

Phase #2 - **Payload development and testing.**

Phase #3 - **Official tests and certifications.**

Phase #4 - **Satellite launching.**



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