The ECE3SAT project is a student project developed at the french engineer school, [http://www.ece.fr/school-of-engineering/ ECE Paris] . The goal of the project is to send a [[What is a CubeSat ?|CubeSat]] in space to verify a physical theory permitting a fast deorbiting. The project started in September 2015 after the [http://www.esa.int/ESA ESA ] authorization.

The ECE3SAT is composed by five modules named

\* On Board Computer ([[On Board Computer (OBC)|OBC]])

\* Energy Power Supply ([[Electrical Power Supply (EPS)|EPS]])

\* Attitude Determination Control System, ([[Attitude Determination Control System (ADCS)|ADCS]])

\* Telecommunication System ([[Telecommunication System (TCS)|TCS]])

and a last one useful to accomplish the mission which is actually the payload.

<span style="font-weight:normal;">The </span>[[What is a CubeSat ?|CubeSat]]<span style="font-weight:normal;"> development is divided in five different [[Project phases|phases]], </span>0<span style="font-weight:normal;">, </span>A<span style="font-weight:normal;">, </span>B<span style="font-weight:normal;">, </span>C & D and E & F<span style="font-weight:normal;">. Each phase is supposed to be realized in 1 Year.</span>

<span style="font-size:14px;font-weight:normal;">The goal of the project is to succeed in the mission, but also to enable students to overcome a physical theory through the realization of a satellite.</span><p style="font-weight:normal;font-size:14px;">

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[[File:ECE3SAT\_image2\_v1.png|center|600px]]