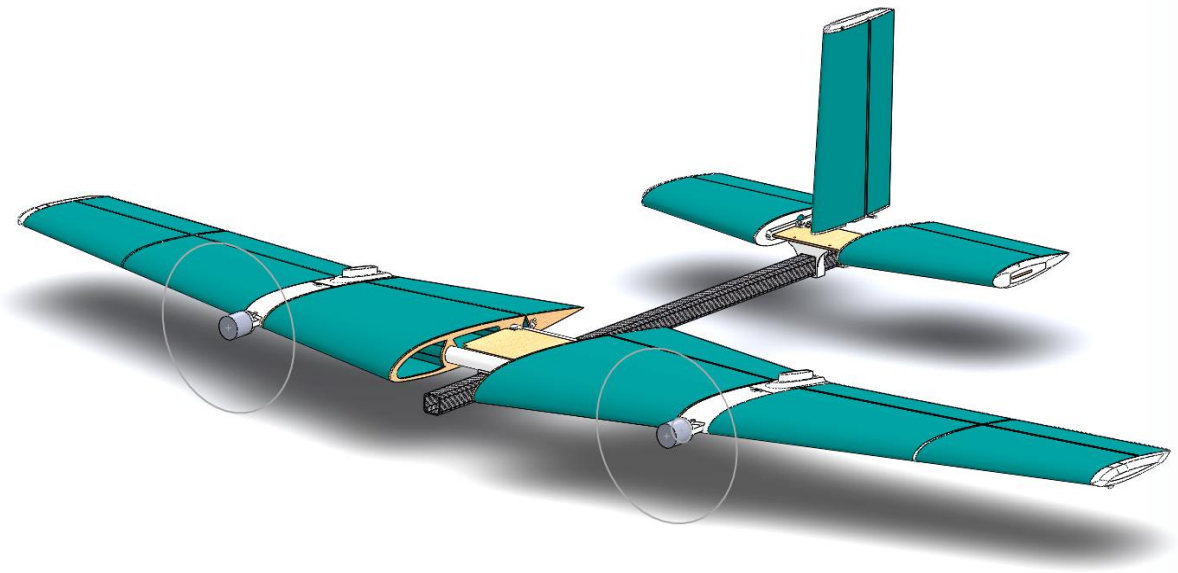
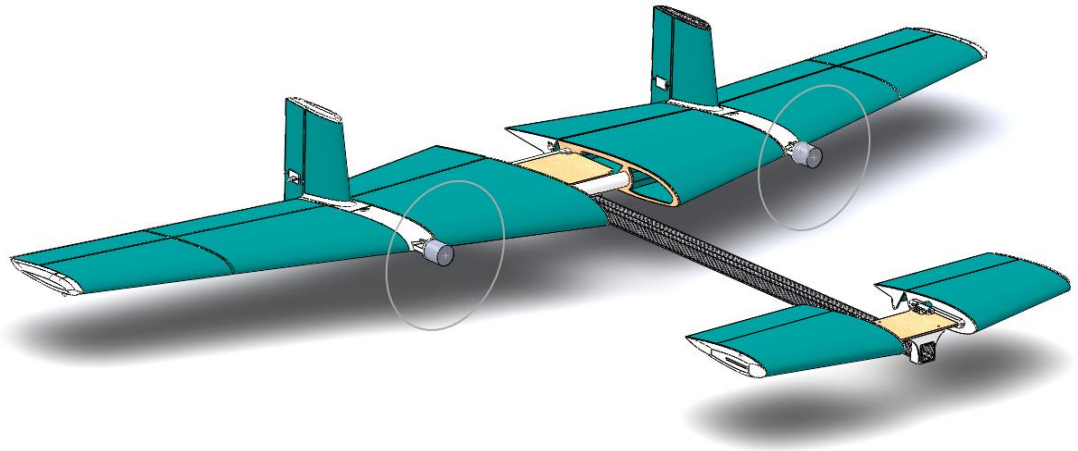
DESIGNING A **MODULAR PLATFORM** FOR AUTOPILOT DEVELOPMENT





DESIGNING A **MODULAR PLATFORM** FOR AUTOPILOT DEVELOPMENT

Some figures :

2m wingspan

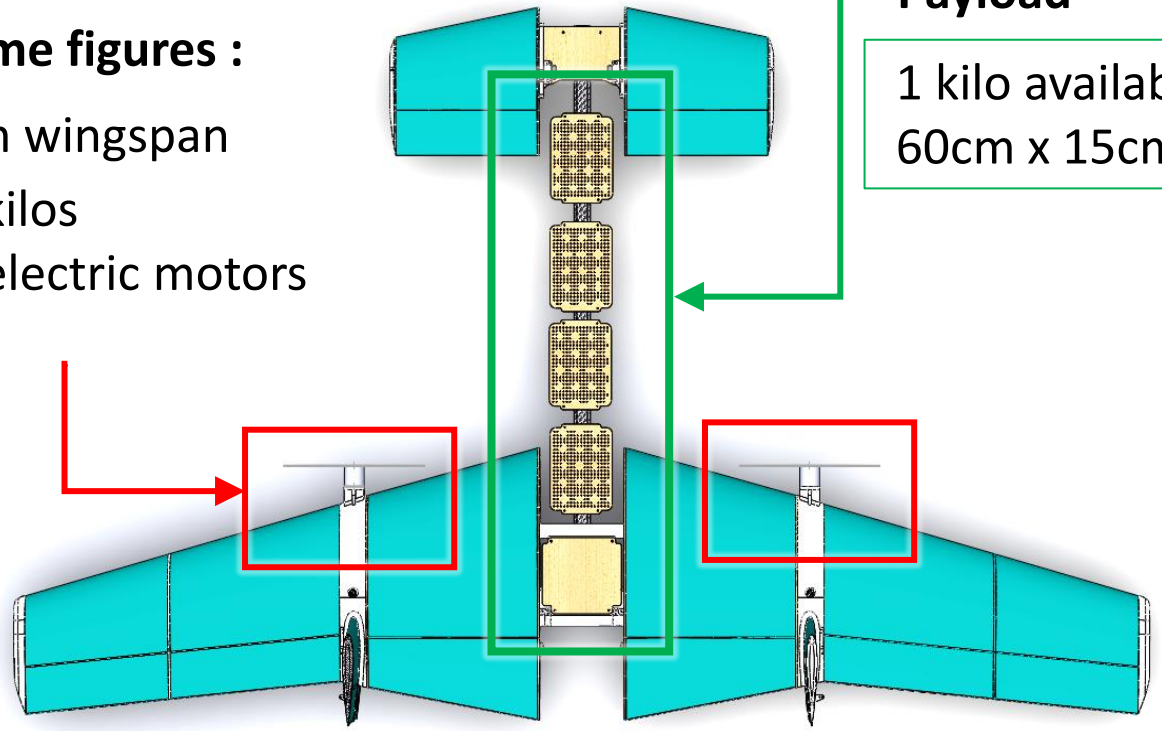
7 kilos

2 electric motors

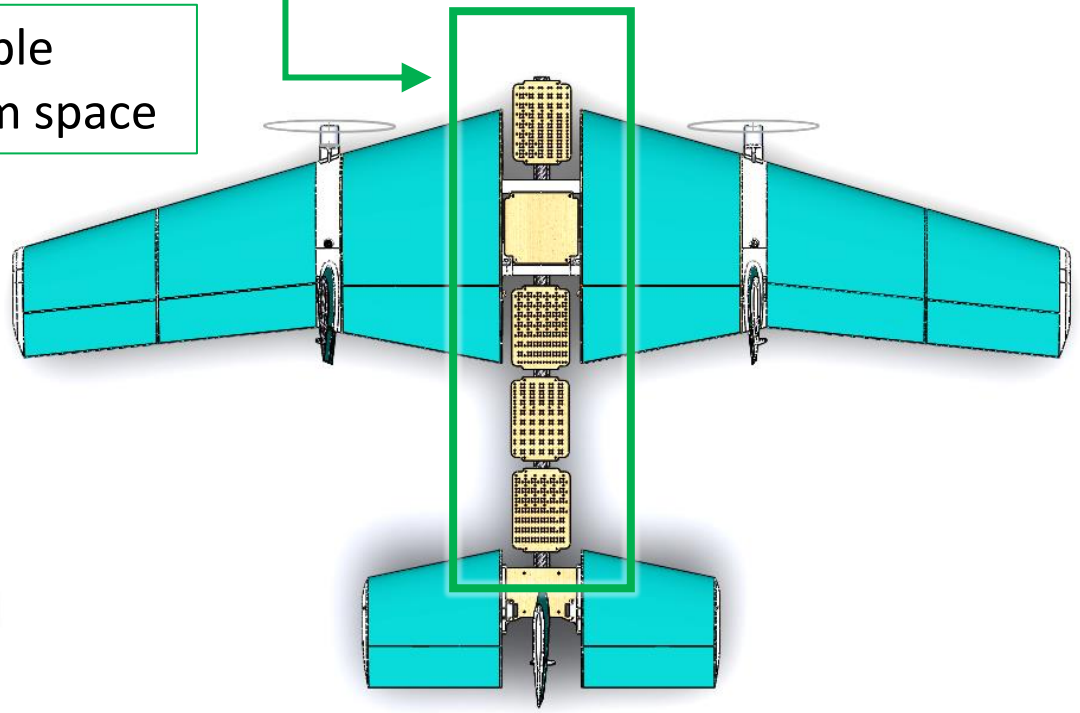
Payload

1 kilo available

60cm x 15cm space



Canard Mode



Conventional Mode

DESIGNING A **MODULAR PLATFORM** FOR AUTOPILOT DEVELOPMENT

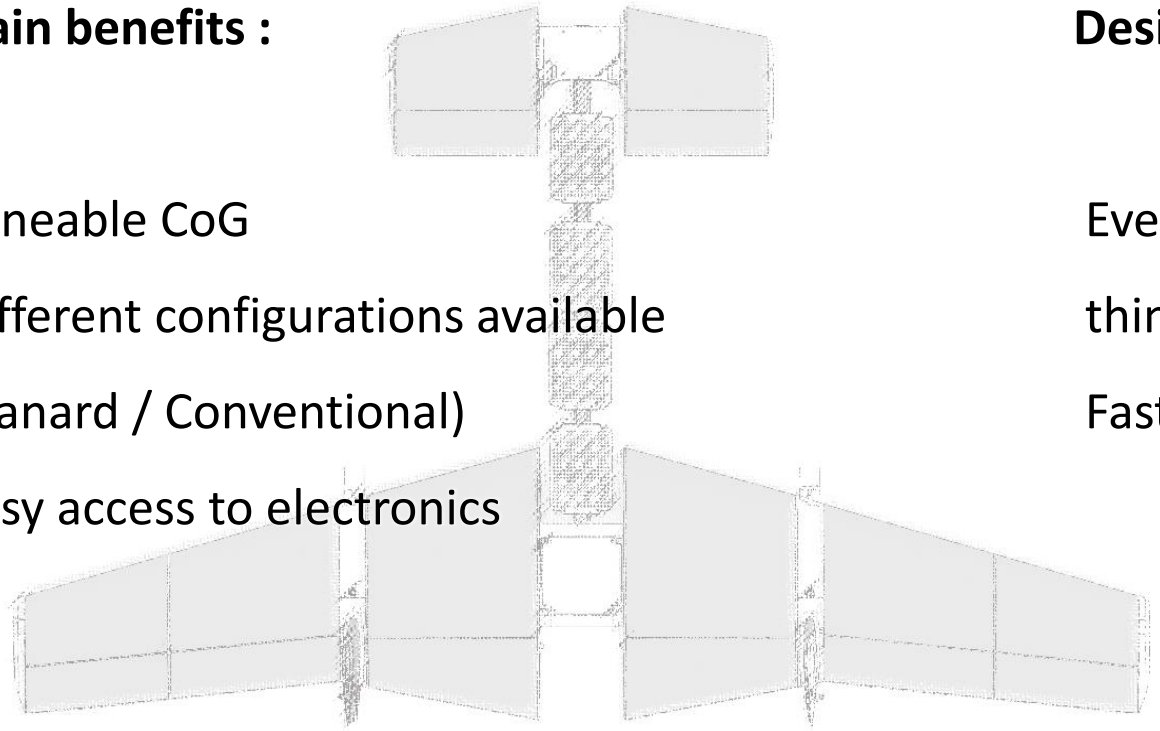
Main benefits :

Tuneable CoG

Different configurations available

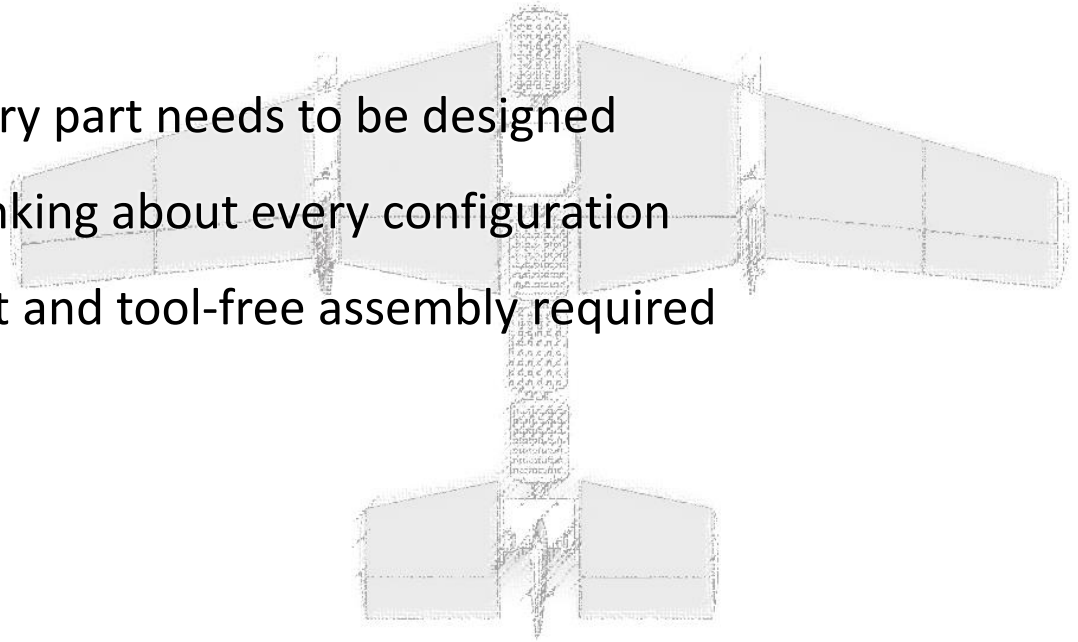
(Canard / Conventional)

Easy access to electronics



Design challenges :

Every part needs to be designed

thinking about every configuration

Fast and tool-free assembly required