

# Dnevi SLING

HPC ZA INOVATIVNE KONFIGURACIJE V LETALSTVU

## **THE PRESENTER**



### **AFormX - THE TEAM**

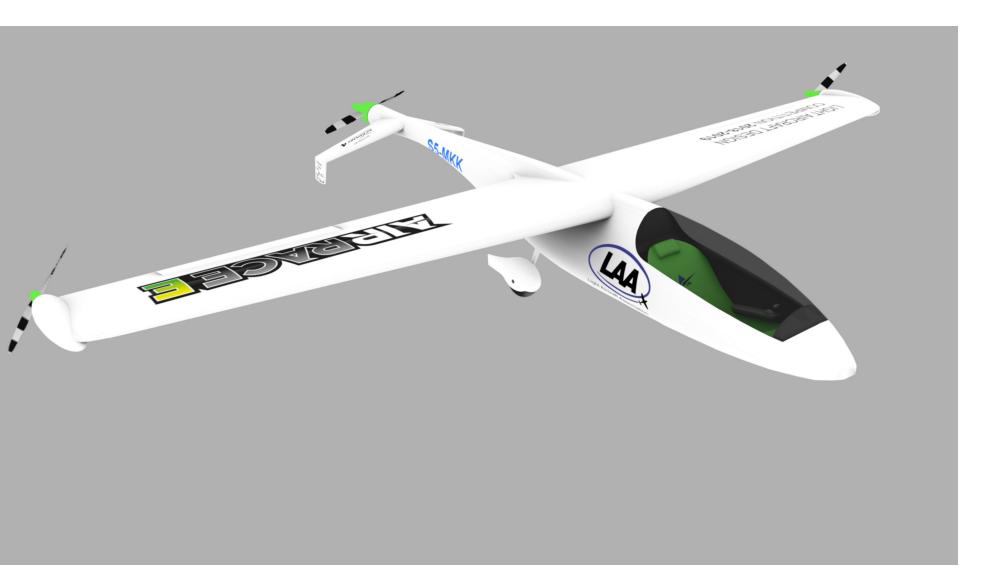


**AIRFRAMING** 

**SIMULATIONS** 



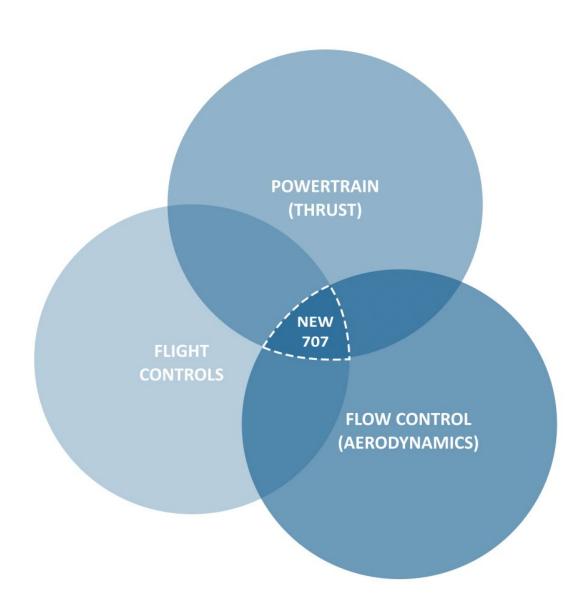




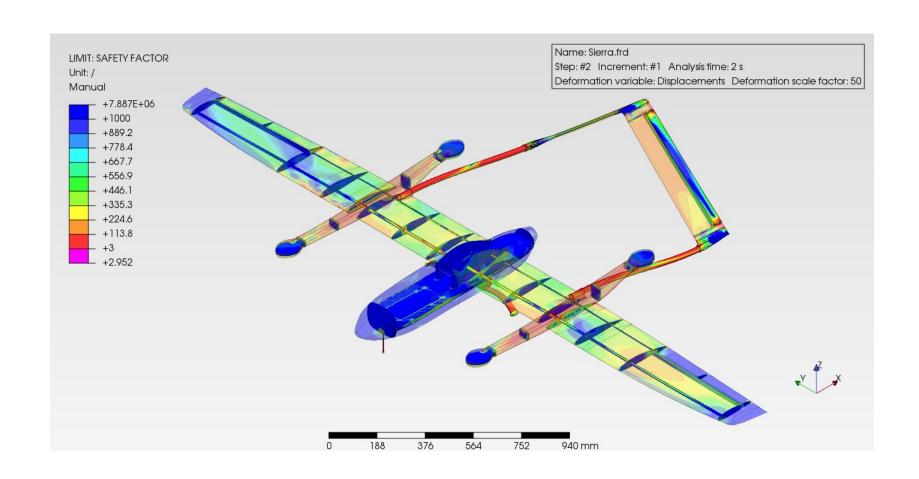




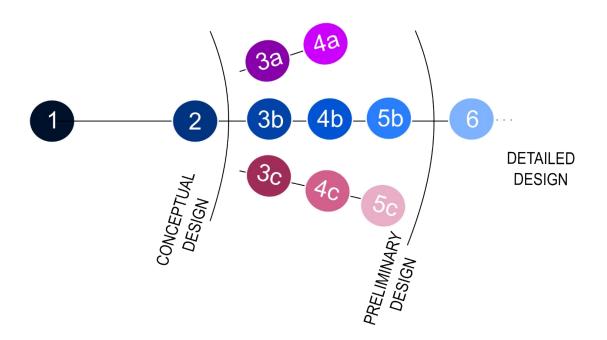


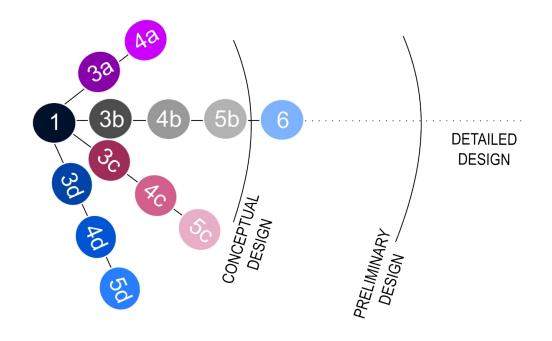






### THE CORE IDEA





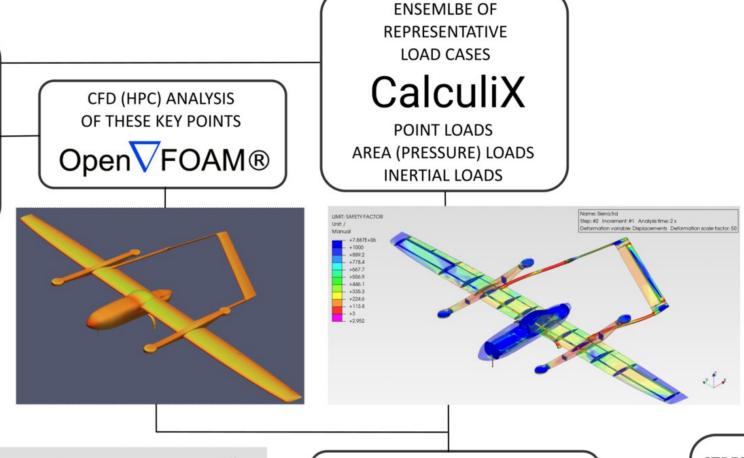
#### **RESULTS**

**INPUT** 

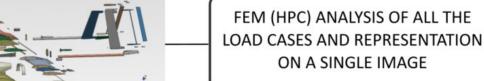
THE OUTSIDE SHAPE IS DELIVERED BY THE AERO SECTION

PRODUCT DESIGN DEFINES A FEW KEY POINT IN FLIGHT ENVELOPE

PRODUCT DESIGN RESERVES VOLUMES IN THE AIRFRAME



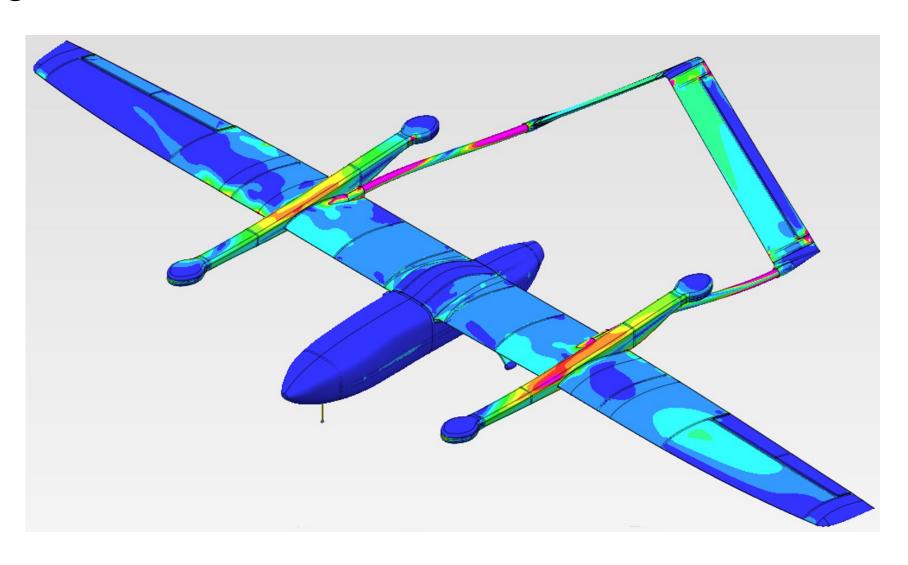
A FEW BASIC
INTERNAL STRUCTURES
ARE SKETCHED



STRESSES AND DEFORMATIONS
IS THERE ENOUGH STRUCTURE?
IF NOT - WHERE?
IF YES - WHERE IS IT TOO MUCH?

OUTPUT

### **RESULTS**



### THE RISK





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#### **Electric Air Taxis Are Already Coming** in for a Hard Landing

German startup Lilium is the first listed eVTOL maker to be at risk of collapse, but may not be the last

By Jon Sindreu Follow

Oct. 30, 2024 6:30 am ET







Lilium has said that its principal German subsidiaries will apply for self-administration proceedings. PHOTO: JUSTIN TALLIS/AGENCE FRANCE-PRESSE/GETTY IMAGES

Electric air taxis may not need a lot of runway to land, but they still need a lot of cash to take off.

### STATUS AND WORK IN THE FUTURE

#### **COMPLETED:**

- WORKFLOW DEFINED
- WORKFLOW PROVED
- MAYOR OBSTACLES SOLVED

#### TO BE COMPLETED:

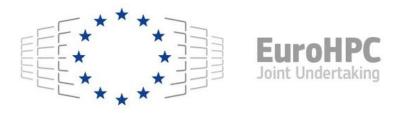
- SIMPLIFIED MATERIAL MODELS
- ACCELERATION OF MESHING
- VALIDATION OF RESULTS

**READY FOR THE SECOND PROJECT.** 

**INFO@AFORMX.SI** 

# Thanks!





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