

# STELLAR

## SMART ECO-FRIENDLY ANTICONTAMINATION TECHNOLOGIES FOR LAMINAR WINGS

### OBJECTIVES

Production of sustainable solutions to :

- Minimize insect drag impacts on aircrafts
- Get an efficient laminar flow over time
- Reduce fuel consumption
- Decrease the aircraft carbon footprint

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### STRATEGY

Hemolymph study

Development of smart eco-friendly  
anticontamination coatings

Innovating cleaning solutions

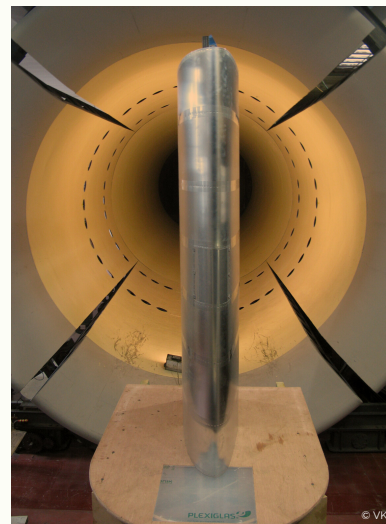
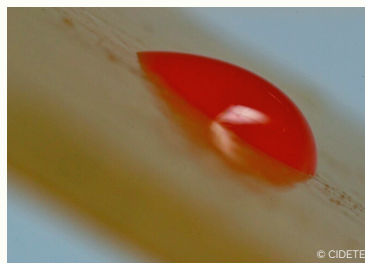
Validation tests in wind tunnels  
and real aircrafts

Self-healing

Slippery effect

Durability

Monitoring



## PARTNERS



Total Grant : 1,999,771.25 euros - Project start date : October 1st 2019 - Project duration : 36 months  
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