



PROtection & Conservation
of Heritage airCRAFT



Arc'Antique – Partner and coordinator

Presentation of Arc'Antique



British Avro Lancaster bomber

Elodie Guilminot and Jane Echinard

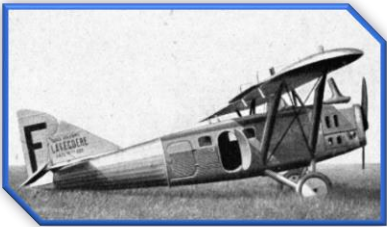
Arc'Antique

Elodie.Guilminot@Loire-Atlantique.fr

Jane.Echinard@Loire-Atlantique.fr



Nantes, Video conference, 5th November 2020
Kickoff Meeting



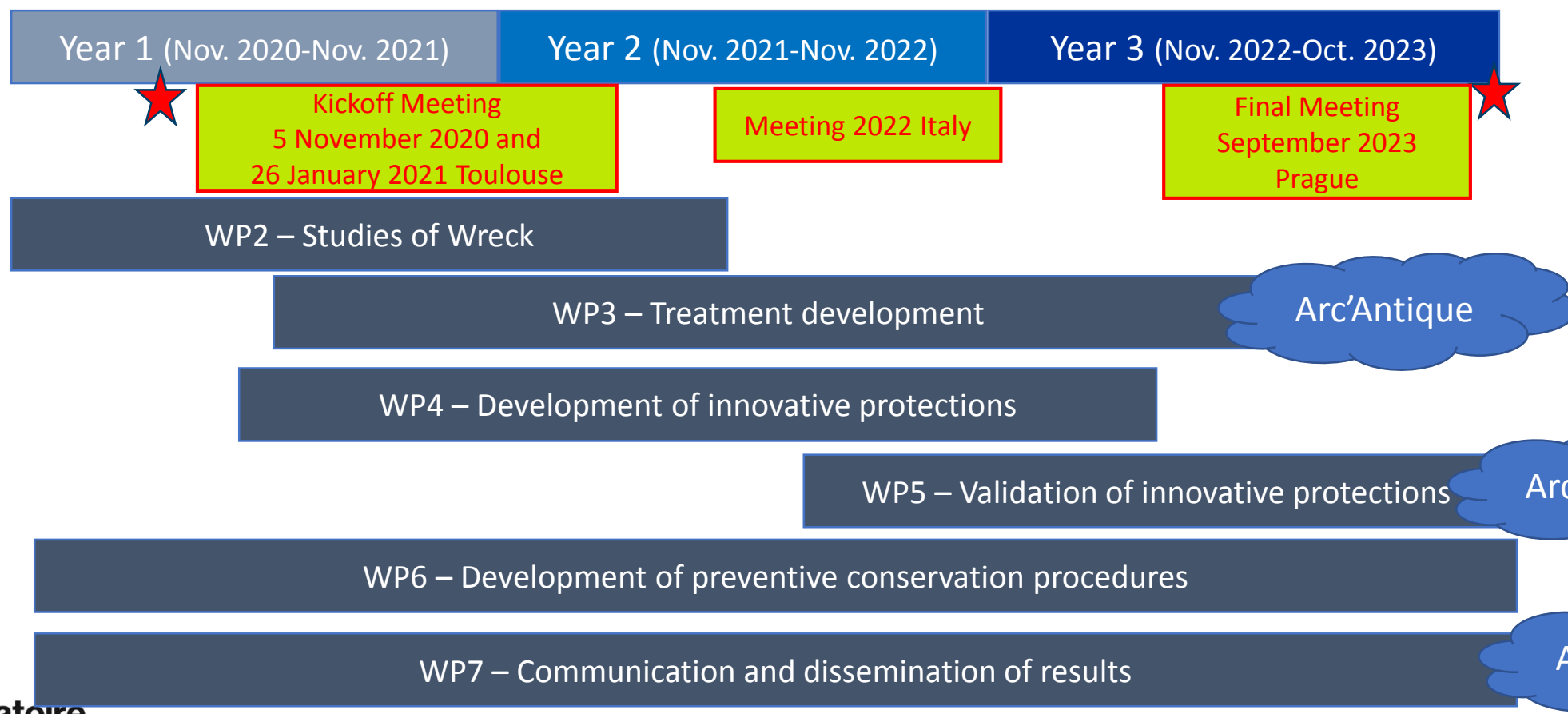
Scientific coordination

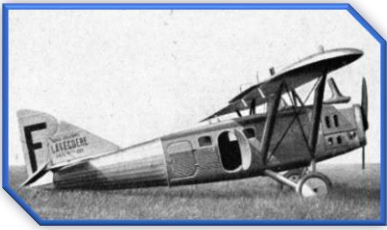
Arc'Antique

WP1 - Coordination



Administrative coordination





Arc'Antique

WP3- Treatments



2 Masters
2x6 months

Stabilization of Al/Iron composites

- Electrolysis
- Local treatment by gels



Cleaning

- Engine for possible exhibition



Consolidation

- First tests of consolidation on corroded aluminum



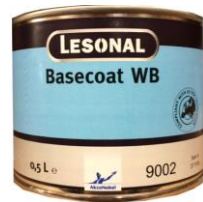
Arc'Antique

WP5- Protections

PostDoc
12 months

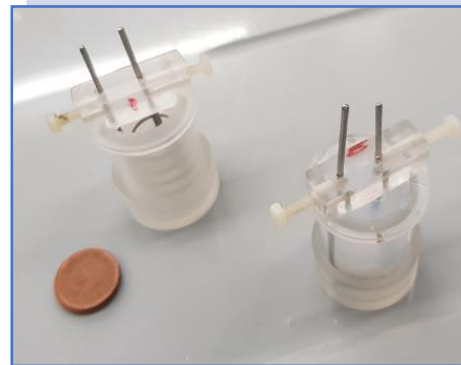
Selection of classical protections

- Paraloid B72
- Lesonal (Polyester)
- Wax and carboxylates



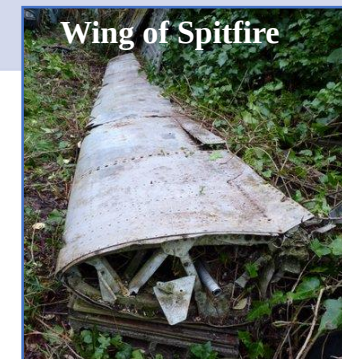
Development of electrochemical cell

- Cell developed by Emilio Cano



Evaluation of protections

- Comparison of classic and innovative protection



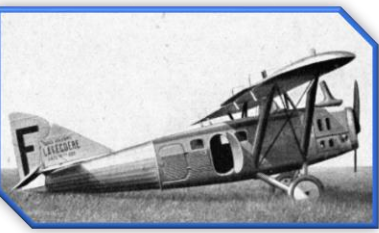
Arc'Antique

WP7- Valorization

1 Master
6 months

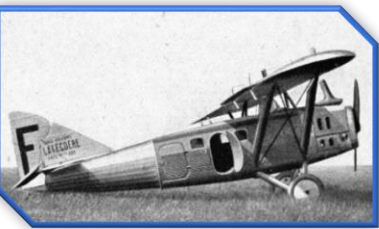
Exhibition

- Create a turnkey project
- Panels and artefact
- Physical and online



SIMULATION BANNERS ARC'ANTIQUE





JPI-CH PROCRAFT



Arc'Antique Team



Elodie Guilminot



Charlène Pelé
Meziani



Jane Echinard



Gilles Baron



Loretta Rossetti



Stephane Lemoine



Sylvie Labroche

*Thank
you!*

Armand Vinçotte



Aymeric Raimon

Gwenael Lemoine

