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**Hyperconnected simulation ecosystem supporting probabilistic design
and predictive manufacturing of next generation aircraft structures**

CAELESTIS

Deliverable D8.1b

DEC Plan (M20 Update)

Work Package 8

Dissemination, exploitation, communication, and collaboration

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Hyperconnected simulation ecosystem supporting probabilistic design
and predictive manufacturing of next generation aircraft structures

Dissemination, Exploitation and Communication Plan (DEC) M20 Update (December 2023)



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LIST OF ABBREVIATIONS

AB	Advisory Board
CA	Consortium Agreement
D	Deliverable(s)
DEC	Dissemination, Exploitation and Communication
DET	Distributed Engineering Teams
DoA	Description of Action
D-SOP	Dissemination - Standard Operating Procedure(s)
ERA	European Research Area
E-SOP	Exploitation - Standard Operating Procedure(s)
FTO	Freedom To Operate
GA	Grant Agreement
HPC	High-Performance Computing
IP	Intellectual Property
IPR	Intellectual Property Rights
ISE	Interoperable Simulation Ecosystem
ITF	Innovation Task Force
KER	Key Exploitable Result
KPI	Key Performance Indicator(s)
M	Month
M&S	Model & Simulation
MRO	Maintenance, Repair, Overhaul
OCP	Original Component Producer
OER	Other Exploitable Result
OGV	Outlet Guide Vane
PSM	Protectable Subject Matter
RP	Reporting Period
RTO	Research & Technical Organisation
SDG	Sustainable Development Goal
SHM	Structural Health Monitoring
SOP	Standard Operating Procedure(s)
TRL	Technology Readiness Level
UQ&M	Uncertainty Quantification and Management
USP	Unique Selling Propositions
WP	Work Package(s)

1 PUBLISHABLE SUMMARY

This DEC Plan for CAELESTIS aims to serve as an information and control instrument for all dissemination, exploitation, and communication (DEC) activities among all partners in the project. For the first project Reporting Period (RP1; M1 – M18), activities, messaging, SOPs, and stakeholders were all defined in the Initial DEC Plan (D8.1). As stipulated in D8.1, throughout the lifetime of the CAELESTIS project, **the DEC plan must be periodically updated** and adapted based upon various inputs, including those stemming from the innovation management findings in WP9; stakeholder analysis; refining key messages to various target groups; social media analytics. This document is the first such update to the CAELESTIS DEC Plan.

During RP1, DEC efforts largely focused on preparing and finalising initial communications materials and channels, undertaking initial efforts to raise awareness about CAELESTIS, and beginning to establish the project as a trusted voice on the topics of virtual prototypes and sustainable aviation. The expectation for RP2, is that the overarching and more general communications on CAELESTIS throughout its initial stages will be replaced by more result-based reporting and developments from within the project as findings become more detailed – and approved for publication. Additionally, the rate of publications (e.g., journal articles) is expected to increase during RP2 (M19 - M30; Nov 2023 – October 2024), as researchers’ efforts produce more results.

One key aim during RP2 remains to increase the number of stakeholders reached directly by the project, specifically via social media, but also including YouTube video clips and blogs on the CAELESTIS website. An uptick in project participation in events is also expected to form a key dissemination channel during RP2. Along with increased results emerging from the project will come more activities related to exploitation planning and IP management, ensuring adequate preparatory strategies and protections are in place for all results, with special attention paid to the frameworks necessary for establishing the key output of the ISE.


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	LinkedIn	URL
	YouTube	URL
	Blogs	URL
	Zenodo	URL

COMMUNICATION TOOLKIT

CORDIS info sheet: [URL](#)

Factsheet: [URL](#)

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