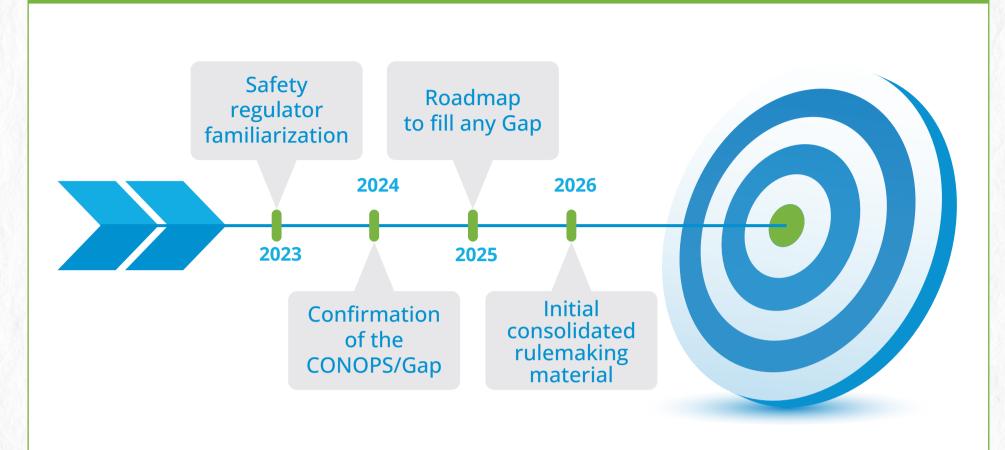




## Certification Readiness Level (CRL) Scale













ONERA





































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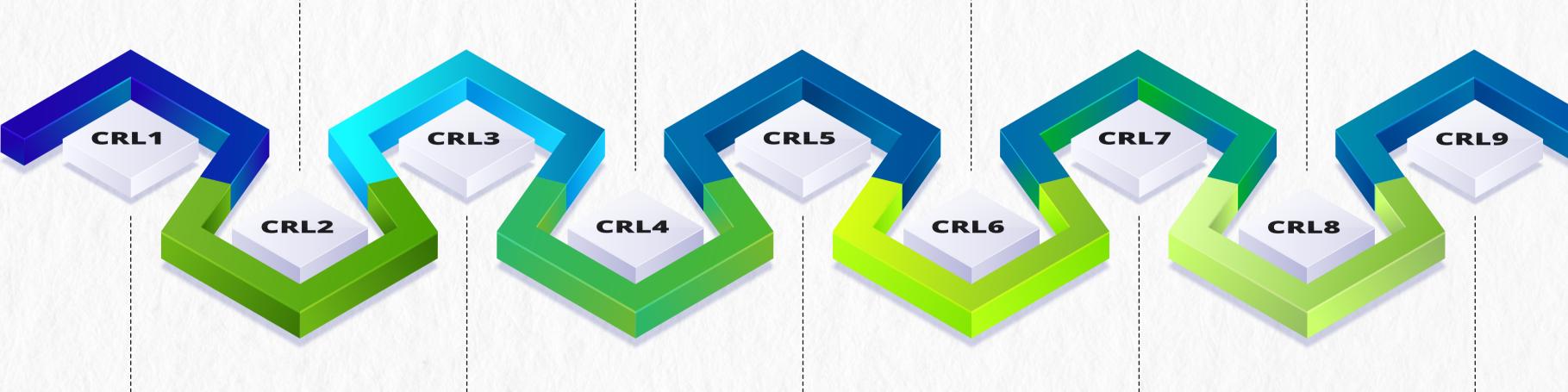
Funded by the European Union, under Grant Agreement No 101101999. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or Clean Aviation Joint Undertaking. Neither the European Union nor Clean Aviation JU can be held responsible for them.

Confirmation of the CONOPS assumptions and safety objectives by all stakeholders

Identification of the main principles for technical standards and roadmap for overall necessary rulemaking and/or recommended industry standard activities associated to the novelties/ specificities of the design

Confirmation of necessary technical knowledge and availability of the first draft of rulemaking material [through Innovation Partnership Contract (IPC), **Pre-Application Contract** (PAC), Technical Advice Contract (TAC), and research activities as relevant]

Product (integrating the technology) certified. Design organisation approval (DOA) granted.



Safety regulator familiarisation with technology and Concept of Operation (CONOPS)

Identification of key regulations that would be mainly affected along with an identification of those that would need to be amended/developed in priority

Identification of the roadmap / action plan for a comprehensive aviation framework readiness [Air Traffic Management (ATM), Air Operations (Air OPS), Flight Crew Licencing (FCL), Continuing Airworthiness (CAW), as well as any other affected regulations]

When applicable: Mature draft generic elements of a certification basis, in the form of published Generic Special Conditions (SCs), Interpretative Material, or Means of Compliance (MoC)

Actual system (design, operation, maintenance) proven in operational environment.



