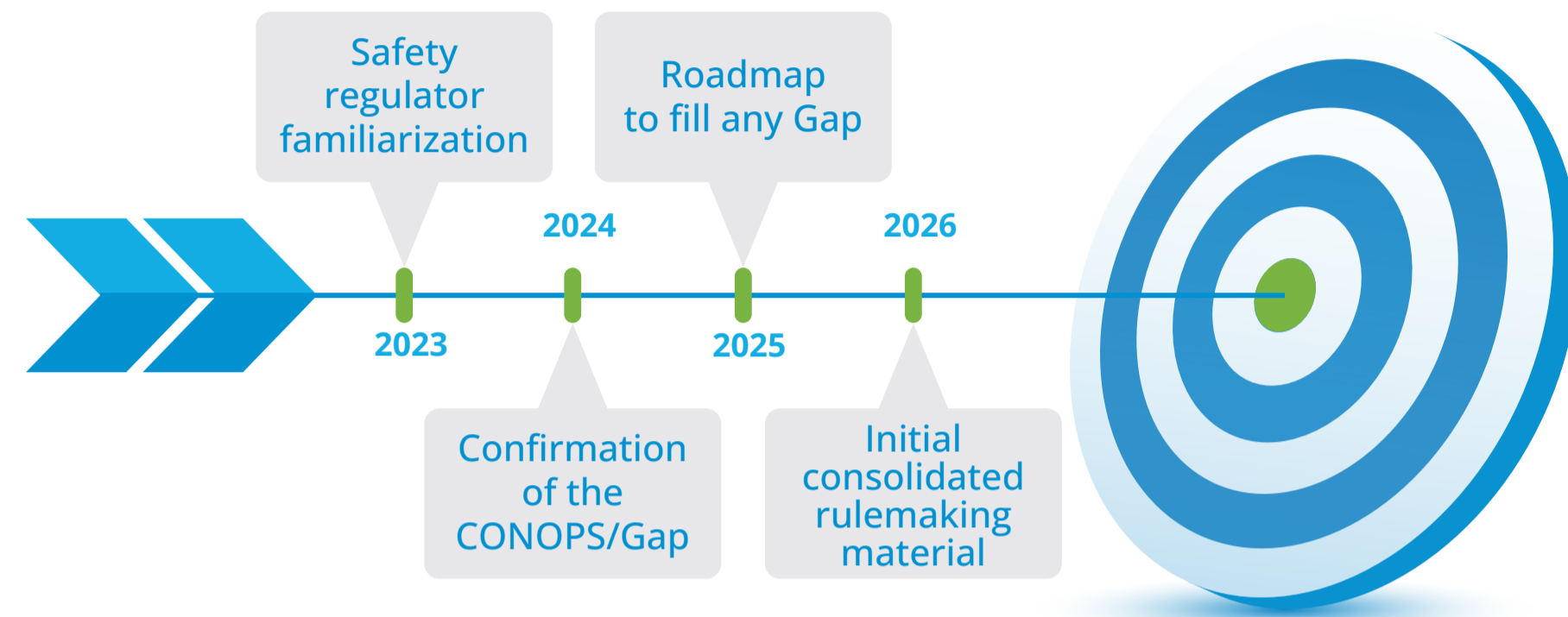


Certification Readiness Level (CRL) Scale

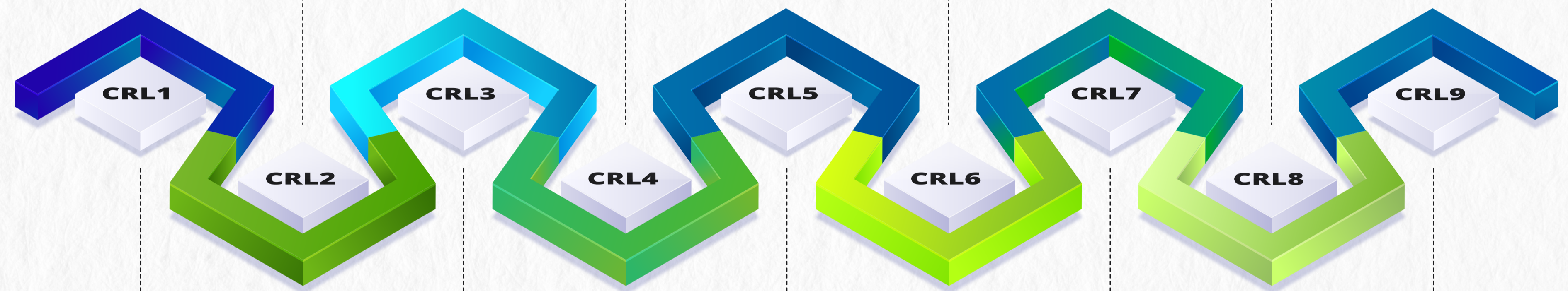


Confirmation of the CONOPS assumptions and safety objectives by all stakeholders

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.

