



EASA
European Aviation Safety Agency

AVIATION GOES ELECTRIC

(Electric & Hybrid Propulsion Project)

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Electric Propulsion -- Projects one finds in the Internet



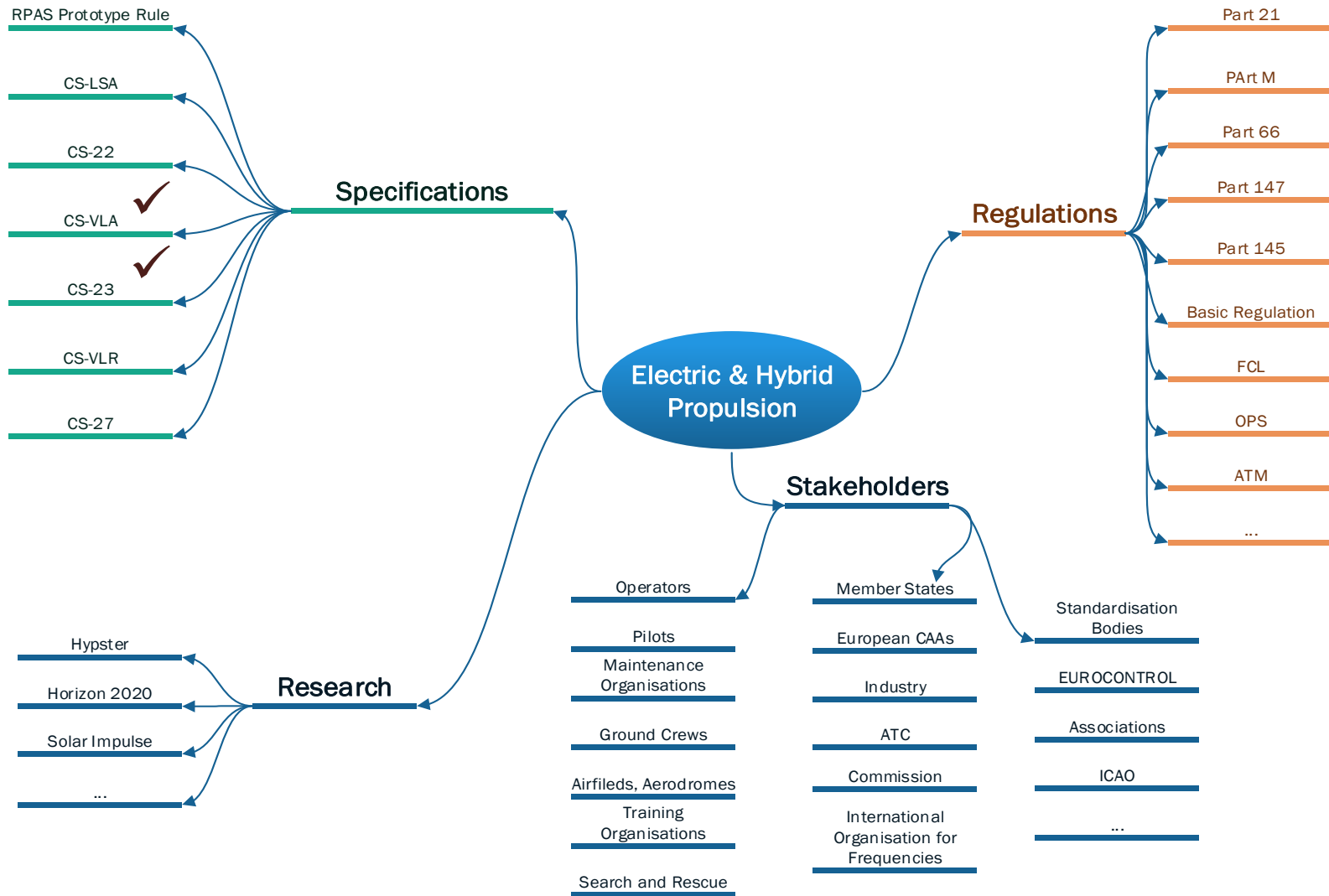


Imagine ...

- An aircraft
 - powered by electric propulsion
 - using distributed propulsion and clusters
 - using aerodynamic lift in cruise, but
 - with VTOL capabilities
 - capable to fly in IMC (no FIKI)
 - flown by pilot or operator or autonomous
 - used for general but also scheduled flights
 - ...



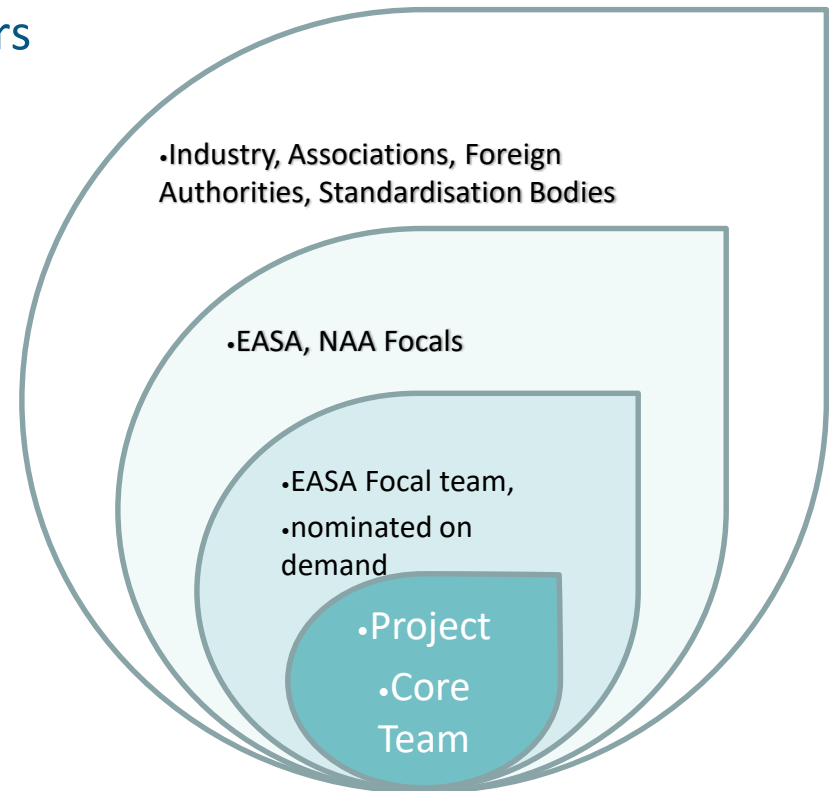
Impact and Stakeholders





To tie the loose ends

- EASA Electric & Hybrid Propulsion Project (E&HPP)
 - Transversal range over all Directorates
 - Internal and external interfaces
 - Close coordination with Stakeholders
- Using existing Flexibility
 - Special Conditions
 - Derogations
- New performance based and non-prescriptive regulations
 - CS-23 (incl. CS-VLA)
 - New drone rules





- The target of the E&HPP is to
 - support certification teams during the certification of the aircraft
 - coordinate the different projects to achieve a an appropriate level of standardisation
 - collect as much information as possible
 - finally start the rulemaking process for Specifications and Rules once there is a clear picture about the technology and operation



EASA
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Working towards the future

Thank you for your attention !

Your safety is our mission.

An agency of the European Union

