

EUR.RMT.0086 New air mobility

Current regulatory frameworks for aviation safety were initially designed for conventional fixed wing aircraft, rotorcraft, balloons and sailplanes. The existing frameworks rely on active contribution of human beings, increasingly assisted by automation, be it on board or on the ground. Propulsion is mostly provided by piston or turbine engines using fossil fuels. The introduction of new technologies and air transport concepts (from multi-modal vehicles to autonomous vehicles) requires revisiting those frameworks, e.g. to cater for the new role of the human in the system or allow the safe integration of electric/hybrid propulsion systems.

The purpose of this RMT is to develop rules or amend existing ones, where necessary, to address new technologies and operational air transport concepts, with the objective of adapting the regulatory framework. A general principle that should govern related rulemaking is that future requirements should be technology-neutral where possible, while ensuring legal certainty.

Status *ongoing*

Reference(s) *n/a*

Dependencies *GASP Goal 1
EPAS RMT.0731*

Affected stakeholders *All*

Owner *States/EASA*

EXPECTED OUTPUT

Deliverable(s)	Timeline
<i>Regulatory framework in place</i>	<i>2025Q2</i>

CHANGES SINCE LAST EDITION

Timelines extended by one year.

MONITORING

Monitoring activities	Related SPIs
<i>n/a</i>	<i>n/a</i>