

Supporting
European
Aviation



European Aviation Common PKI

ICAO EUR/NAT – DGCA

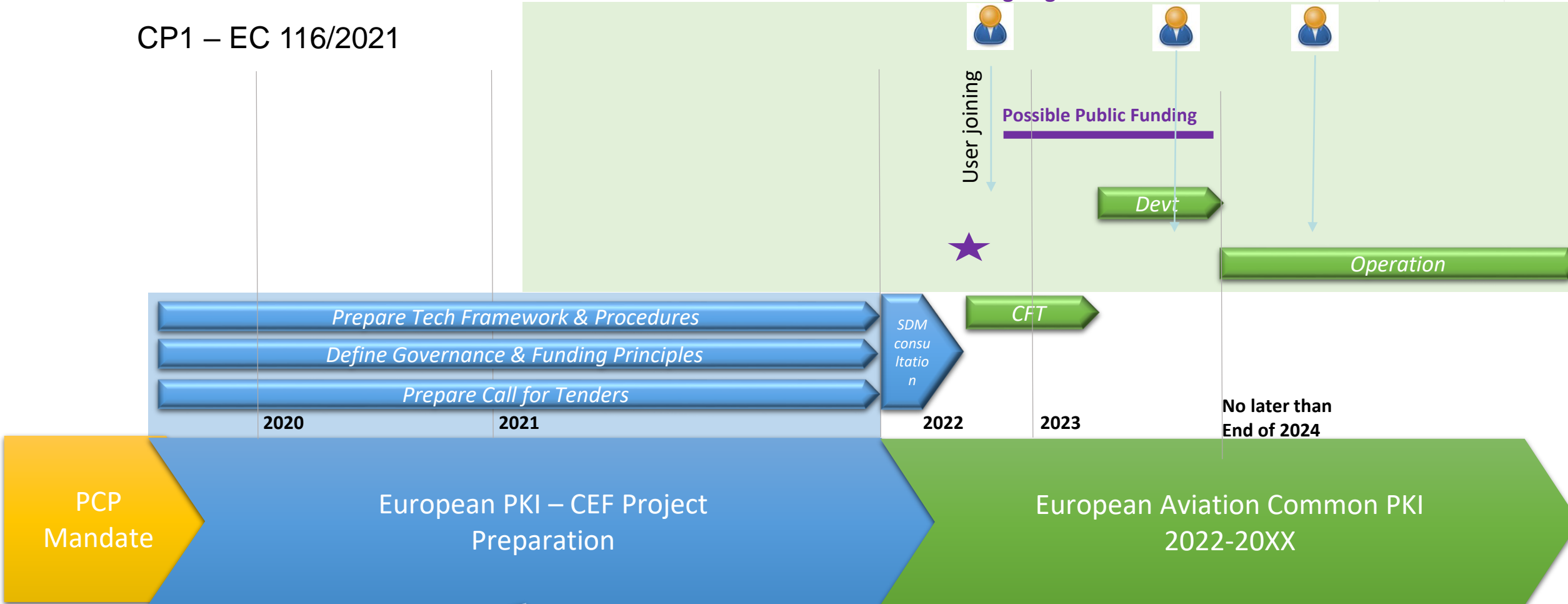
Patrick MANA

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Roadmap

CP1 – EC 116/2021

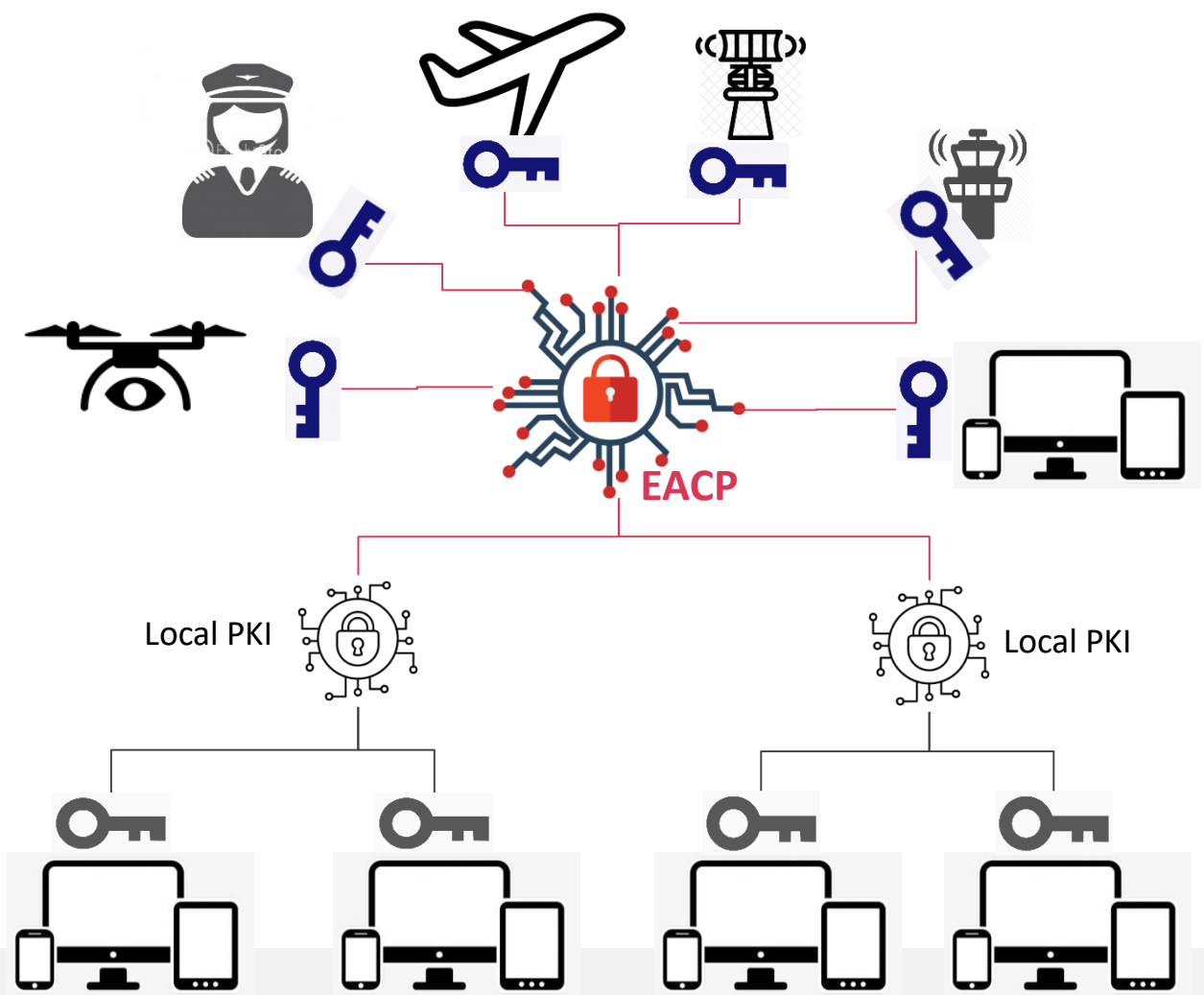


30 partners
 21 ANSPs,
 3 Airspace Users
 3 Airports
 2 MIL
 EUROCONTROL



European Aviation Common PKI (EACP)

A Building Block for the European Aviation Digital Infrastructure



- Improve security throughout aviation value chain
- Trust Framework (governance, policies, procedures)
- Common service reducing costs & providing:
 - certificates
 - Interoperability between existing PKI

Targeting hundreds of users

Drone Operators
 Industry
 ANSP
 Airports
 CAAs
 EUROCONTROL
 Aircraft Manufacturers
 AIRSPACE USER



We are as strong as the weakest link

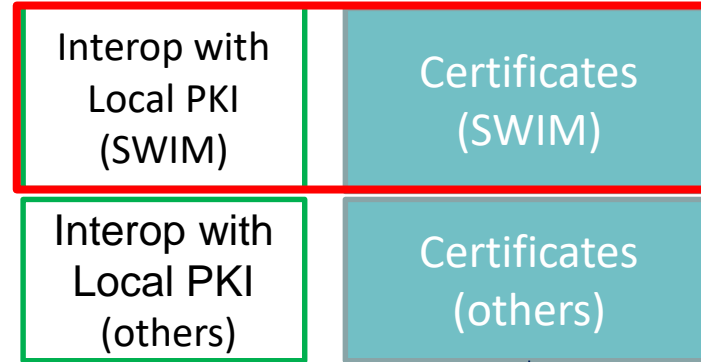


Co-financed by the Connecting Europe Facility of the European Union

EACP Main + Optional Services



CP1 services



Mandatory EACP scope: SWIM

Extended scope: other certificates

Extended Use Cases: UC that can be covered by the same requirements / technical solution => No additional costs

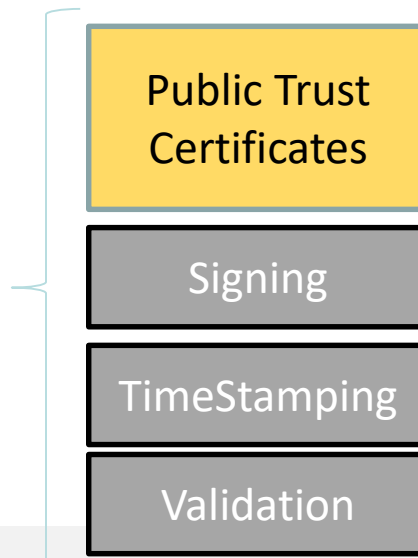
Extended Technical Scope: UC that require additional requirements (e.g. potentially compliance to new standard, new CAs, etc.) => Potential additional costs

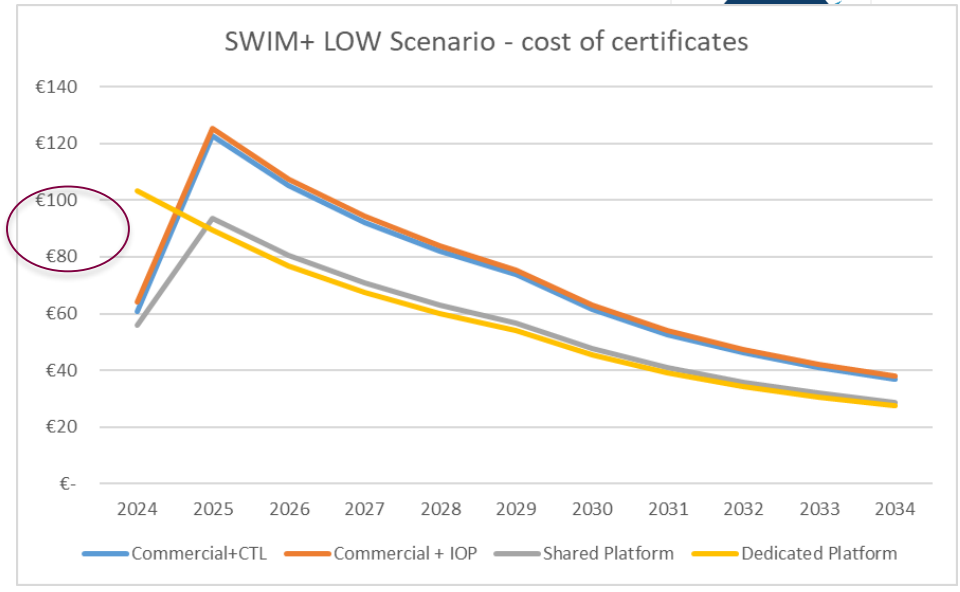
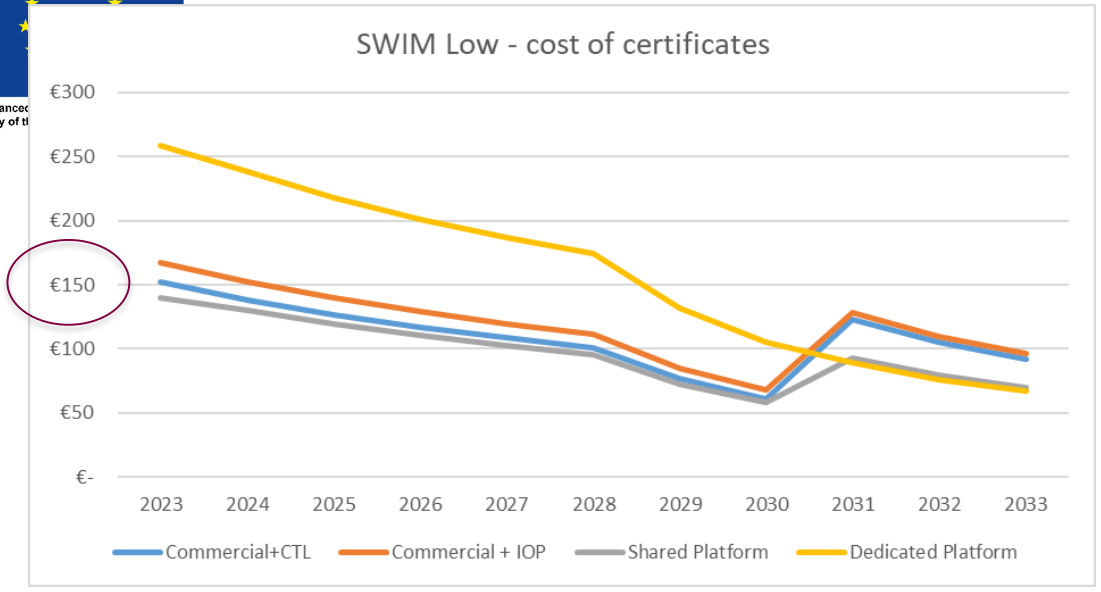
EACP Main Services

commonly procured, technical services to be dimensioned according to the needs (number of certificates, CAs, ...)

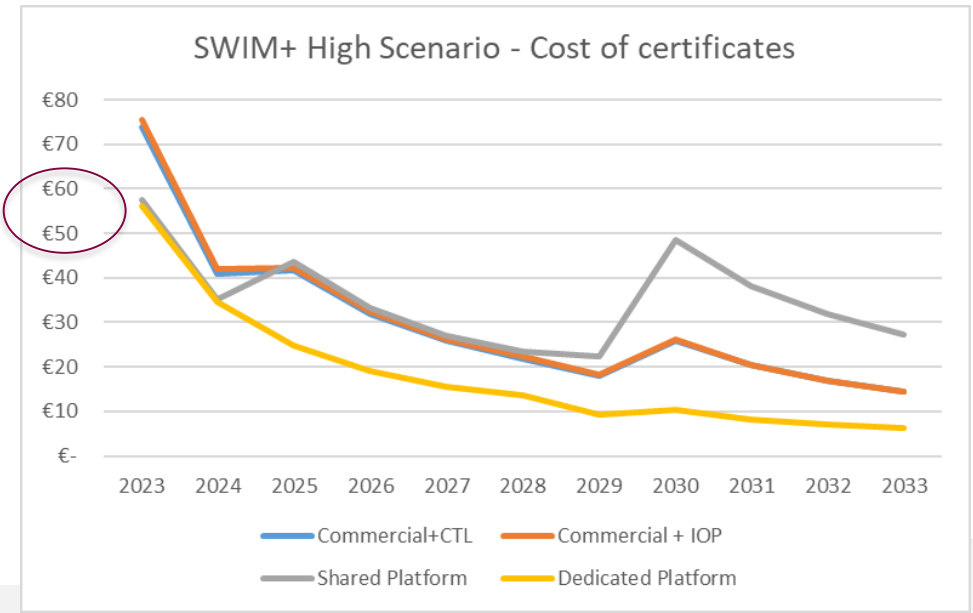
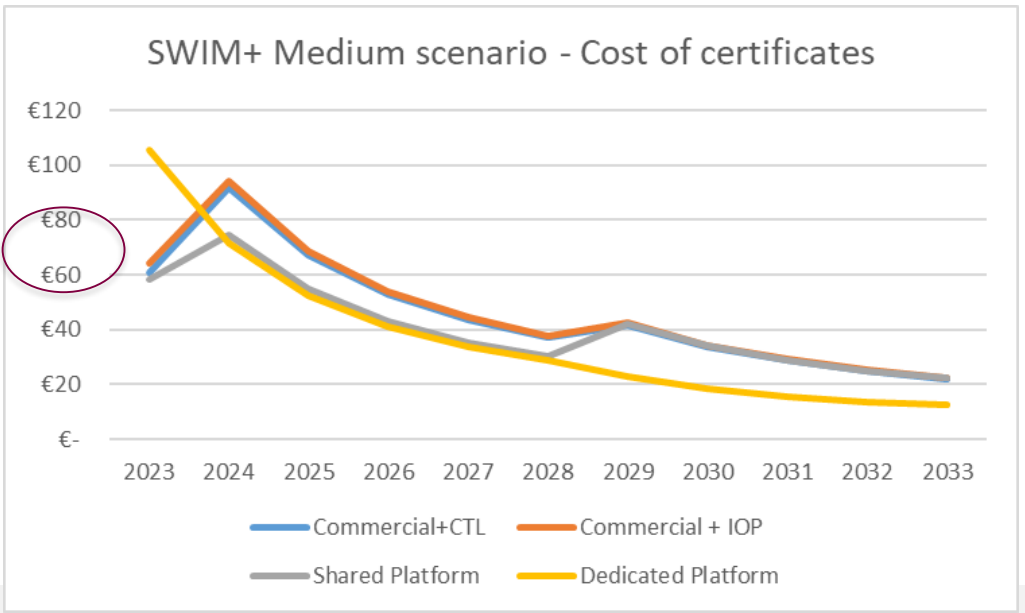
Optional services

commonly procured for cost efficiency and paid by those needing them





Evolution of the costs of private trusts certificates in the different scenarios



THANK YOU



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