

Multimodal performance assessment – where next?

MultiModX

Integrated Passenger-Centric Planning of Multimodal Transport Networks

PEARL

Performance Estimation, Assessment, Reporting and simulation

Background



- ICAO establishes framework for performance assessment; with 11 KPAs
- SES Performance Scheme & SESAR Performance Framework launched: with different objectives etc., but similar KPAs and goals
- Multimodal metrics developed in H2020 CSA (DATASET2050) & SESAR 2020 projects (e.g. TRANSIT, Modus)

Developments

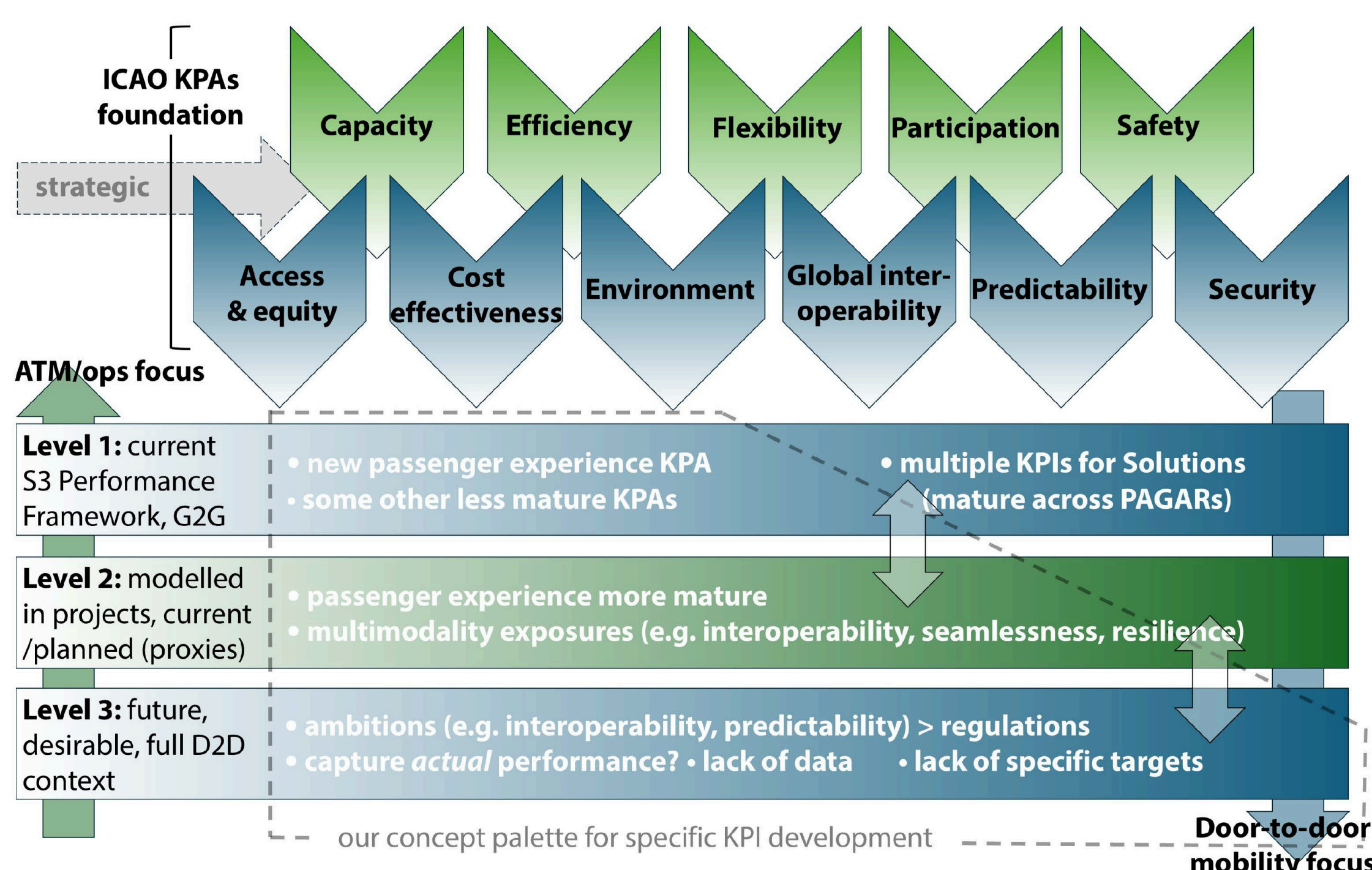


- SESAR 3 projects advance the metrics state of the art
- SESAR 3 Performance Framework newly includes 'passenger experience' KPA
- European ATM Master Plan (2024 edition) thus reflects new KPA
- Challenge to capture performance at the SESAR Solution level and embrace broader European mobility

White Paper



- We are developing a three-level approach for a new multimodal framework
- Increasing the scope of assessment and metrics
- Targets and regulations captured beyond ATM/aviation
- Dialogue open with DG MOVE
- Will be developed as a White Paper
- Your views and inputs welcome (see QR below)



- Need to transform concepts into hard KPIs (we have made a start)
- Avoid undue proliferation, focus: intelligible, practical, pertinent, stable
- Trade-offs (thus extended!) & common basis (cost) need to be considered
- Move towards a centralised, holistic model (open, metamodel suite)
- Service-oriented architecture & digitalisation: support data-driven policies

Have your say ...



MultiModX

led by Bauhaus



with PEARL

(IR project, led by ENAIRE)

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