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SESAR
walking
tours

U-space – IMPETUS presentation



Drone Information Management Showcase Services in U-space

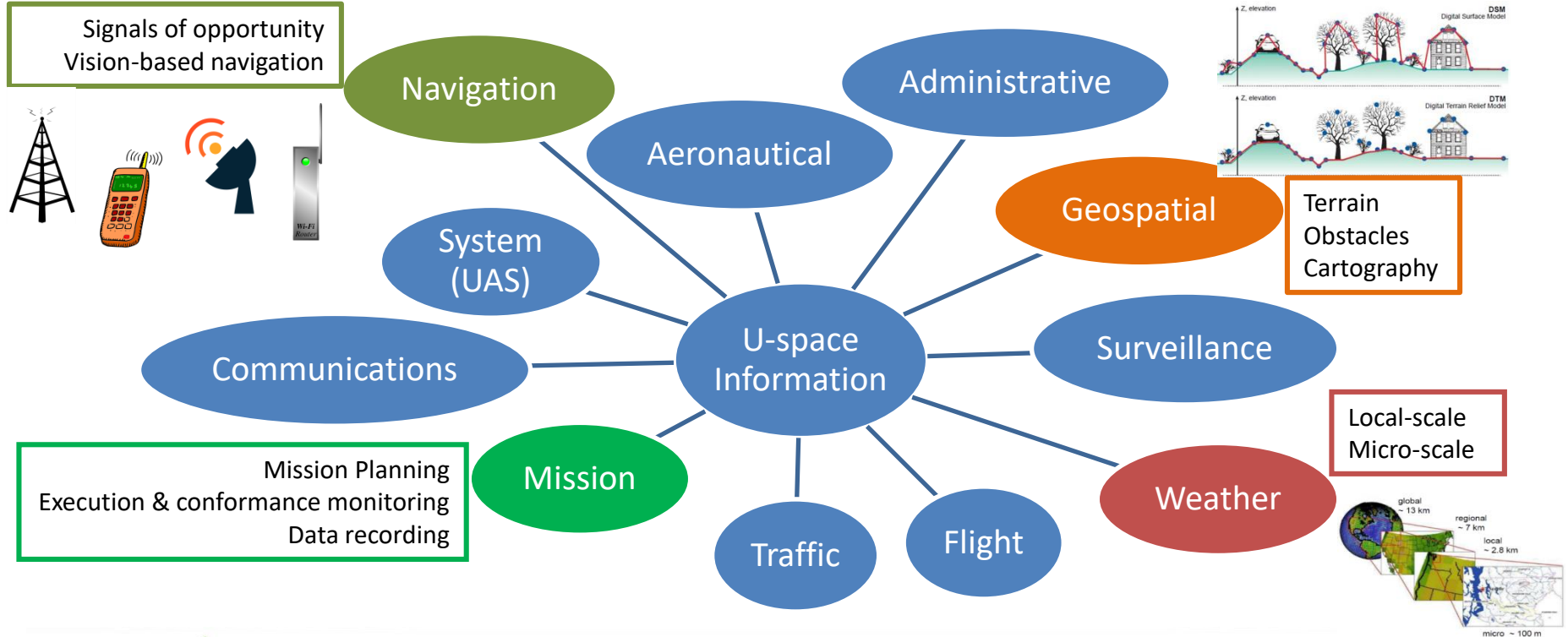
Marta Sánchez Cidoncha
CRIDA



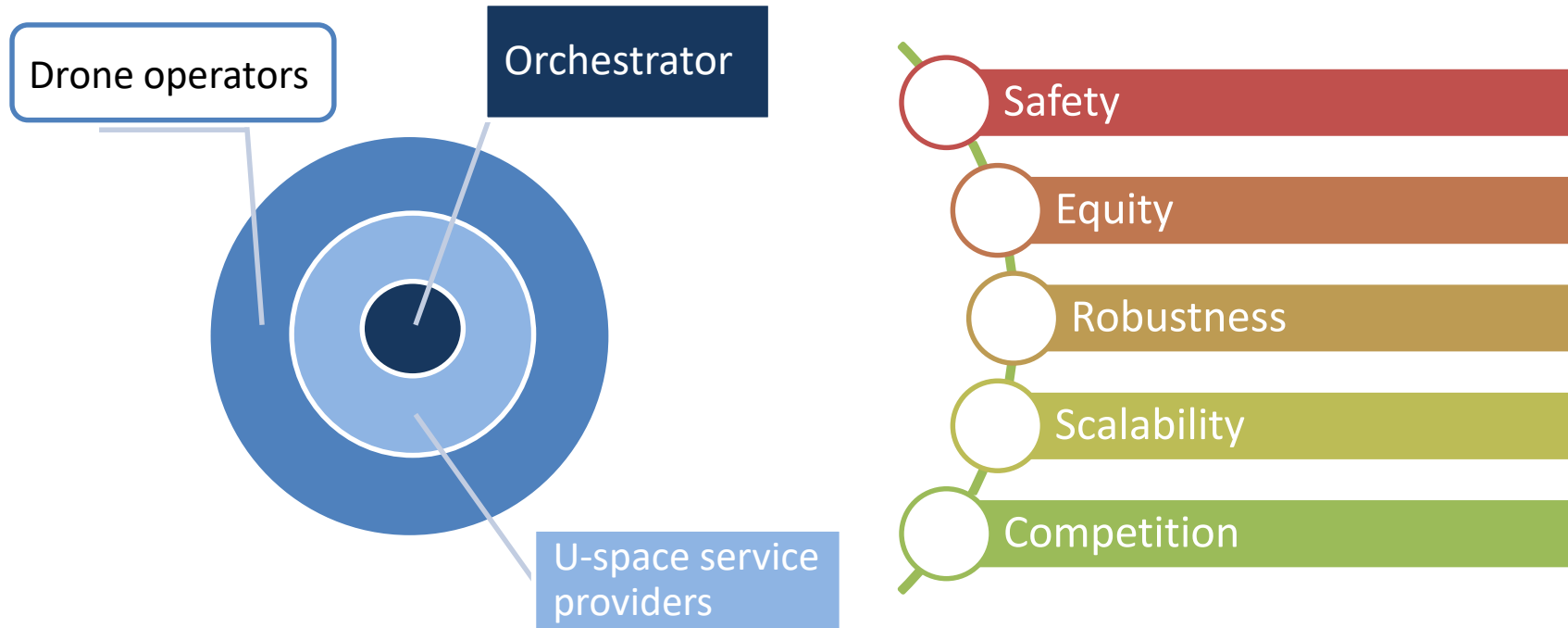
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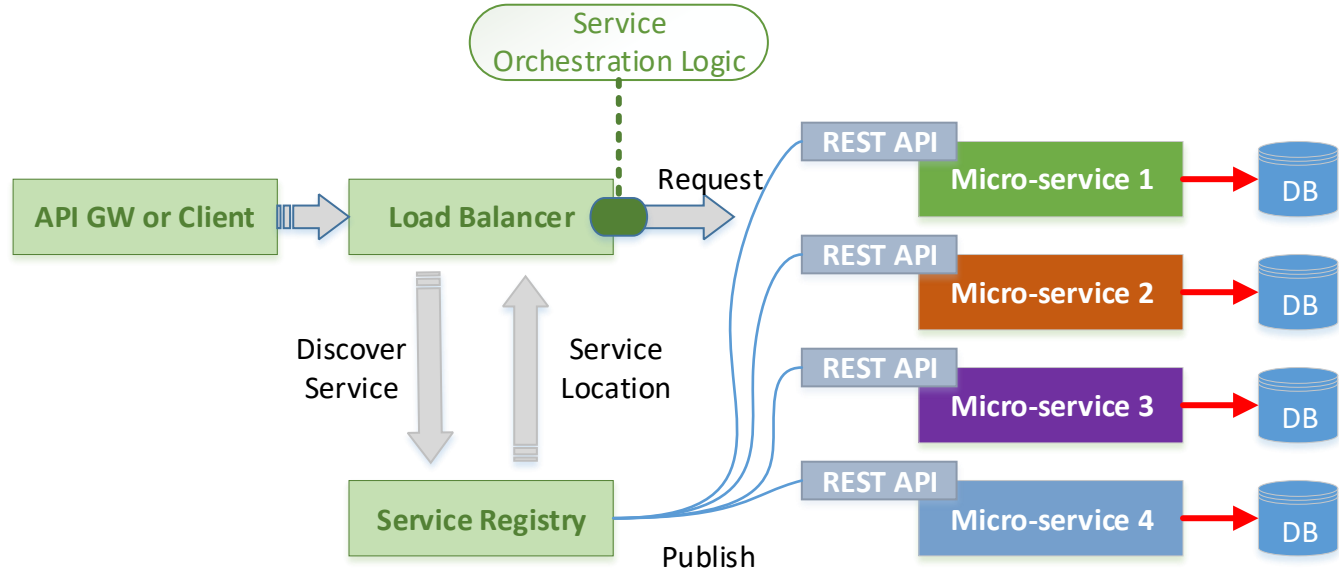
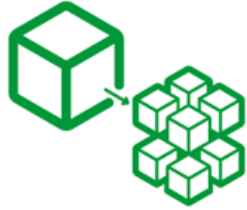
Information needs of future drone operations



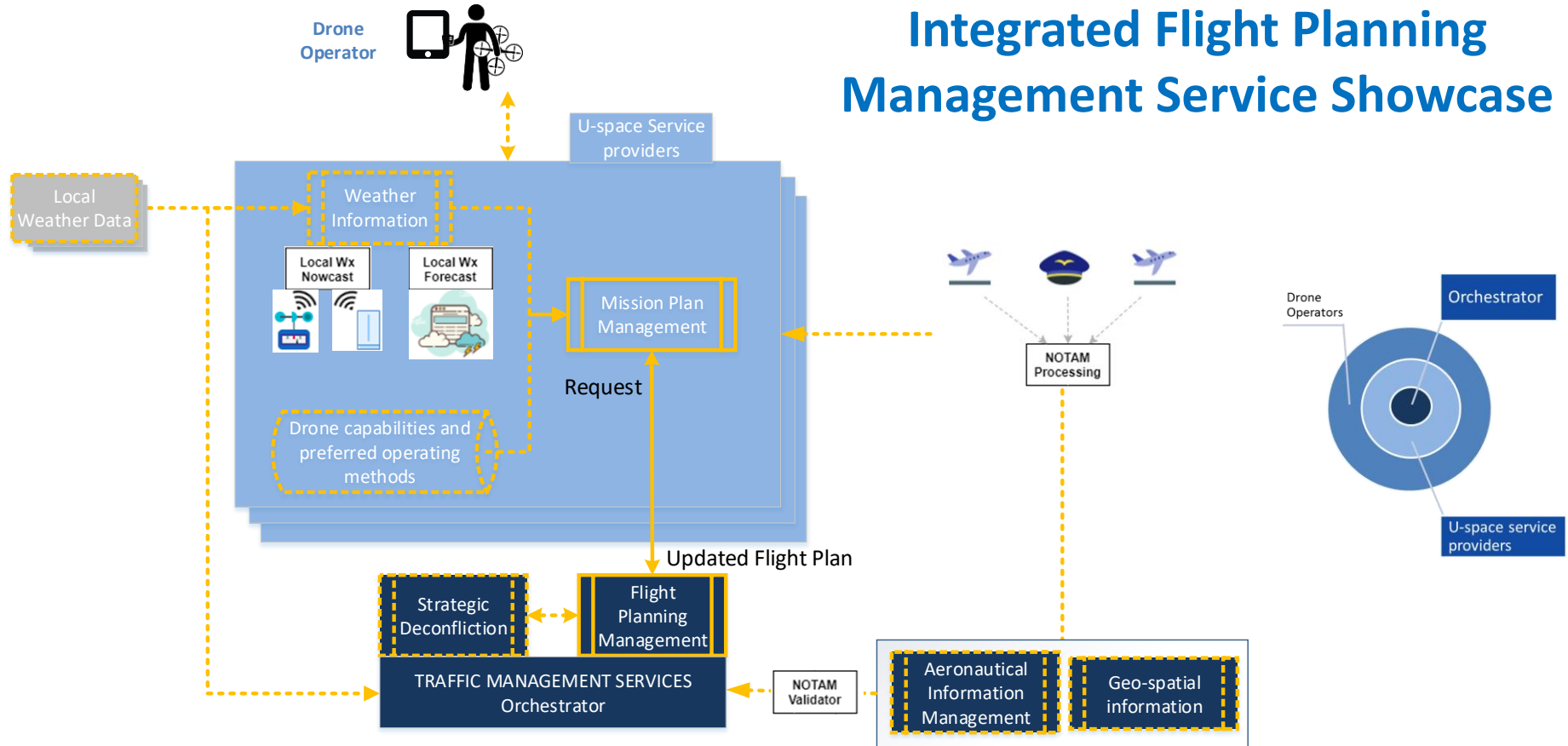
The architectural solution - a federated scheme



The architectural solution – micro-service paradigm



Integrated Flight Planning Management Service Showcase



Take-away Messages

Architectural Solution

- **Federated** scheme plus **micro-services** paradigm
- Supports **U-space objectives** of safety, equity, scalability and flexibility

Business Aspects

- Intrinsic to drone operations
- Some flight executions are **mission-driven**

Demonstrations

- Scheduled this year
- Will provide **evidence of performance** and technical refinement



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