



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of the
Environment,
Transport, Energy and
Communications
Federal Office of Civil Aviation
Innovation and Digitalisation Unit

UTM Service Suppliers (USS) Organizational Construct and Approval Processes

2019-11-13 Drone Enable 3

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Principles



1. Begin with the End in Mind



Begin with the End in Mind

- * **Safe, efficient, secure, and green**
- * **Open, flexible and competitive**
- * **Internationally harmonized**



2. Test assumptions



Test assumptions

- * **Centralized or decentralized**
- * **Networked or on-board**
- * **Manual or automated oversight**



3. Iterate



SUSI

Swiss U-Space

Implementation



SUSI

- * Partnership between the Swiss ANSP, Swiss FOCA, and 20+ industry stakeholders**
- * Framework defined in FOCA's U-Space CONOPS**
- * Signed 20.12.2018**



SUSI (as of 11.2019)

AirMap, Airbus, Altitude Angel, ANRA Technologies

Aurora Swiss Aerospace, Auterion, Droit

Drone Harmony, Drone-Detectives, DroneAnalytics

Flarm Technology, Innov-ATM, Involi, Microsoft

Orbitalize, ResilienX, senseFly, Swisscom, UniSphere

Wing Aviation



SUSI Achievements

* FIMS

Leading to a leaner solution and a launch in Q1 2020

* Remote ID

Leading to voluntary RID USS approvals in Q1 2020



***The doer
alone learneth.***

Friedrich Nietzsche