



Rules

Governance

Mission

Ethics

Decisions

Committees

# Why SWIM Governance



- **SWIM is never “finished”** but evolves along with the aviation business. Continuous evolution of the common rules and principles is therefore the key to an effective implementation of SWIM.
- This concern is addressed by **SWIM Governance**, which is the organizational framework for collective maintenance of the overall evolution of the SWIM strategy, rules, principles and processes.



# Why SWIM Governance (2)



- Practically, SWIM Governance is an organised **federation of SWIM Stakeholders**, established to **build trust** in the quality of SWIM Services and efficiently improve SWIM alongside the technical and operational evolution in ATM
- SWIM Governance aims to establish a collaborative approach within the whole European ATM Community for **steering the evolution of SWIM**
- SWIM Governance promotes **agility, proportionality** and strives to have a positive impact on SWIM implementation, with a focus on service provision



# SWIM GOVERNANCE DRIVERS

Interoperability

Trust

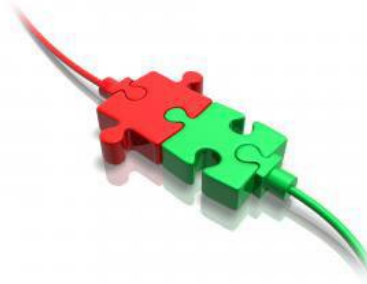
Implementation  
support

Collaborative  
approach

# KEY CONSIDERATIONS



**Innovation**



**Connecting ops  
systems**



# MAIN GOVERNANCE ACTIVITIES



# GOVERNANCE HIGHLIGHTS

## ➤ **Main governance framework**

- Common language and understanding, transparency
- Clarification on SWIM stakeholders
- Consistent set of principles, rules, processes and structure for SWIM implementation

## ➤ **Communication**

- A strong voice about SWIM in the ATM context
- Better awareness and visibility of the SWIM topic in each organization

## ➤ **Collaborative work**

- Stakeholder collaboration on a challenging topic
- Accommodating stakeholder's diversity



# Example : European SWIM Governance activities



- **SWIM policies** : lay down a set of principles, in the form of ‘Policy Statements’ related to SWIM, *e.g. the SWIM Service Provisioning Policy contains statements for SWIM Service Providers in order to provide services that are conformant with a minimum set of pre-defined quality criteria*
- **SWIM service definitions** : SWIM service definitions are provider-independent descriptions of a service that describes the agreed commonalities between services with similar purpose and information content, with the objective to strive for an alignment of the corresponding service designs.
- **SWIM guidance material** : all supporting material on SWIM
- **Mediating** about provision and use of **SWIM Services** : arbitration on non-adherence of specific services to SWIM Policies between SWIM Service Provider(s) and Consumer(s)
- **Connecting to standardisation** for aspects related to SWIM : acting on SWIM standards related issues, comments, questions or evolution requests
- **Managing user requirements** related to the **SWIM Service Registry** : compiling user requirements that are specific for SWIM Governance and should be fulfilled by the SWIM Registry
- **Decision-making** on SWIM governance related aspects : decision-making scheme for governance aspect (*eg organizational or financial aspects*)

# AN EXAMPLE : SERVICE PROVISIONNING POLICY

2019

- Object

- Policy statements applicable to service providers
- Define what is expected wrt the provision of SWIM Services in the scope of SWIM Governance

- Contents

- **Service registration** - Enabling providers to publish their services in the SWIM Registry.
- **Service compliance assessment** - Enabling providers to demonstrate the conformance of their services to SWIM compliance criteria.
- **Alignment of Service Designs** - Enabling providers of similar SWIM Services to align their service designs.



## SWIM Service Provisioning Policy

SWIM Compliance Statements and SWIM Registry Statements for SWIM Service Providers.



# Another example : SWIM Communities of Interest (CoI)



- Support the implementation and manage the evolutions of Specifications
- CoI participants: international members



## SWIM Information Definition Handbook

for the SWIM Information Definition Specification



## SWIM Service Description Handbook

for the SWIM Service Description Specification



## SWIM Technical Infrastructure

for the SWIM TI Yellow Profile Specification



**SWIM Service Community of Interest (SSCONE)**  
**SWIM Information Community (SITCOM)**

**SWIM-TEC**

# SWIM GOVERNANCE – ICAO APPROACH



Interoperability

Trust

Implementation support

Collaborative approach

- **Key to ensuring SWIM is established in accordance with an appropriate implementation framework**
- **Request States to ensure that an appropriate implementation framework is established at the national level and/or within a SWIM region**