# Role of the Aviation DWG
# Metadata and GML profiles

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Hubert LEPORI - Eurocontrol

# Background on metadata

- ICAO requirements
- Europe: INSPIRE Directive
- Madrid University profile
- Airport GIS
- ANZLIC
- ISO 19115 - metadata for datasets
- ISO 19115 Corrigendum
- ISO 19119 - metadata for web services
- ISO 19119 - Extensions of the service metadata model
- ISO 19139
- Content Standard for Digital Geospatial Metadata, NSDI
- ISO 639-2 language codes
- ISO 8601 - dates and times
- eTOD requirements
- Metadata profile AIXM 5.1
- EAD requirements
- MMI

# Need for a AIXM 5.1 Metadata profile

- So far, effort was essentially put on implementing a draft Metadata profile for AIXM 5.1

- Need to focus more on the Metadata requirements !

- Objectives of AIXM 5.1 team:
  - Document the requirements in the same way that they were documented in the Inspire IR (Part B)
  - Need at least to cover Metadata requirements from ICAO, ADQ (Europe), Airport GIS (FAA), eTOD

- **Metadata requirements from the Aviation DWG would naturally feed into the AIXM 5.1 Metadata requirements.**

# Metadata profile for Aviation
# Role of the Aviation DWG ?

- The Aviation DWG would be the right place to identify Metadata requirements to support Aviation purposes

- The Aviation DWG could support the future OWS "Aviation Thread" testbed with regards to the implementation of these requirements (Draft XML schema solutions)

- The A-DWG Metadata requirements could be handed off to a SWG for formal development and adoption

# GML Profile for Aviation
# Role of the Aviation DWG ?

- Requirements: which sources should be considered ?
  - Simple feature profile by OGC
  - EAD document for current static data
  - AMDB requirements
  - FAA - Airport GIS requirements
  - …

- The Aviation DWG has the necessary expertise to identify the right GML requirements supporting Aviation purposes.

- The Aviation DWG could support the implementation of a GML profile that would meet the A-DWG requirements
  - Support OWS "Aviation Thread
  - …

# Way forward

- Should the A-DWG form dedicated sub-groups...
  - Metadata profile sub-group ?
  - GML profile sub-group ?

…meeting for instance on a monthly basis (Webex) ?

- Feedback ? Recommendations ? Other proposals ?

- Eurocontrol has already offered to host an OGC A-DWG **technical** meeting, focused on **Metadata and GML profiles**
  - In Eurocontrol HQ, Brussels
  - On October 21st/22nd 2010 (after the Digital NOTAM workshop)

# Questions ?