

Supporting
European
Aviation



ATFM regulatory Framework

Chris Peregrine

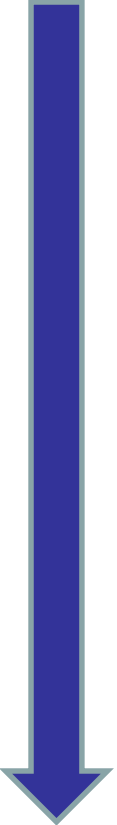
Head of Operations Analysis Service

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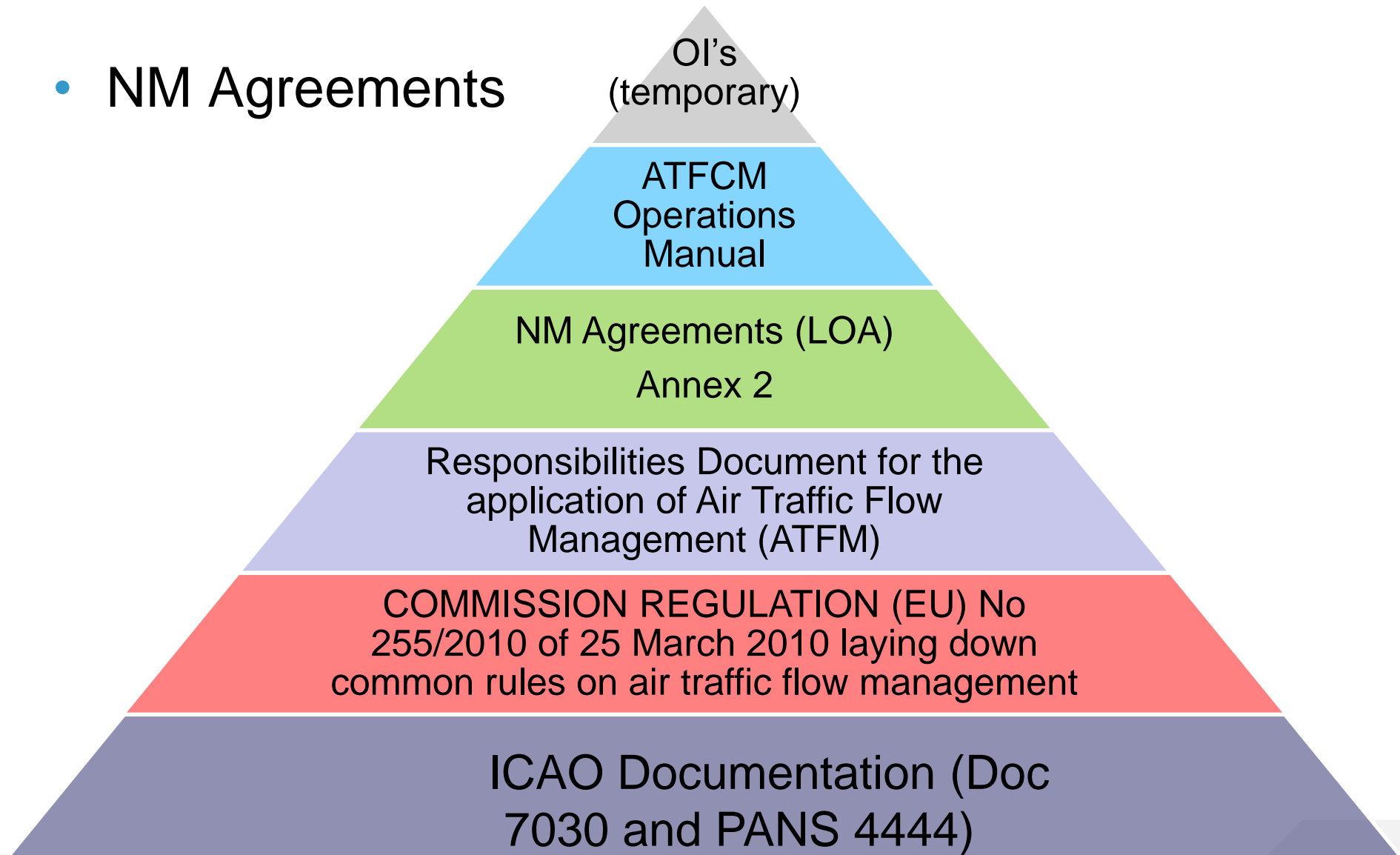
The regulatory framework in Europe

Top down approach

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- Commission Regulation (EU) No 255/2010 of 25 March 2010 laying down common rules on air traffic flow management
 - Commission Regulation (EU) 2019/123 of 24th January 2019 laying down detailed rules for the implementation of air traffic management (ATM) network functions
 - Commission Regulation (EU) 2019/317 of 11 February 2019 laying down a performance and charging scheme for air navigation services and network functions
 - Network Strategy Plan 2015-19- Being updated
 - Network Operations Plan 2019-2024: Details how the NSP and NPP will be implemented

The regulatory framework in Europe

- NM Agreements



The regulatory framework in Europe

- List of projects and **responsibilities** include:
 - Safety portfolio of tools and measurements, e.g. Risk Assessment Tool, Safety Culture measurement;
 - Network Operations Plan: Lists all the airspace changes and their implications for the next five years;
 - ACDM – Airport Collaboration Decision Making – connecting all the stakeholders at an airport together and then connecting to the Network Manager Operations Centre (NMOC);
 - Crisis Management – Volcanic exercises, cyber-attacks;
 - NMOC, which facilitates flow management and counters disruption across the Network.

The regulatory framework in Europe

- EUROCONTROL concluded NM Agreements (previously known as Letters of Agreement or LoAs) with the operational stakeholders which address administrative, legal, technical and operational matters relating to the Network Manager services they subscribe to.
- The NM Agreements include annexes which contain references to the contact points and applicable documentation.
- There is one particular annex (Annex 2) detailing the operational arrangements for the specific ACC(s).

The regulatory framework in Europe

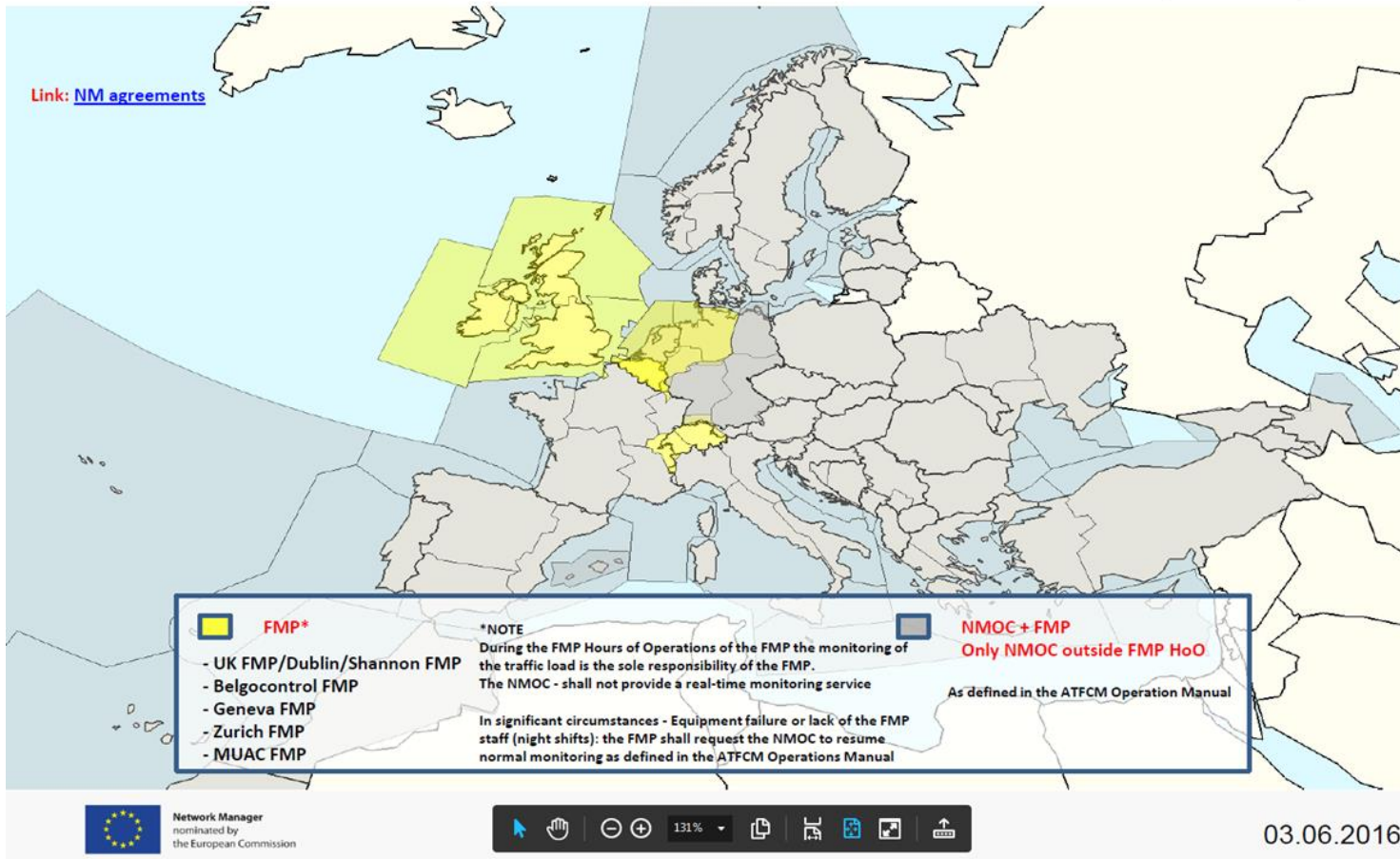
- NM Agreement governs the relationship between the Parties with regard to:
- ATFCM: Monitoring responsibilities
- Centralised flight plan processing and distribution by EUROCONTROL;
- ATM Network information sharing, with the exception of the EAD Services;
- Provision of data by [ANSP] to the ETFMS, the related DDS and NM B2B Web Services;
- Access by [ANSP] to the NM Services described in the NM Service Catalogue

The regulatory framework in Europe

- Agreements might be specific per ACC:
- Traffic Load Monitoring;
- Sector Configuration Monitoring;
- FMP's hours of operations (tactical + pre-tactical).

The regulatory framework in Europe

NM Agreements - ANNEX 2 Section: Traffic Load monitoring



FMP*

- UK FMP/Dublin/Shannon FMP
- Belgocontrol FMP
- Geneva FMP, Zurich FMP
- MUAC FMP
- (Outside HoO: NMOC + MUAC ACC Executive Duty Supervisor)
- Madrid / Barcelona / Palma / Sevilla / Canarias FMP
- (Outside HoO: NMOC + UCATM)
- Praha FMP
- Yerevan FMP
- Lisboa FMP
- Naviair FMP
- Bordeaux FMP
- Brest FMP
- Marseille FMP
- Paris FMP
- Reims FMP
- Malta FMP
- LBSR FMP
- Bratislava FMP
- Zagreb FMP
- Warszawa FMP

***NOTE**

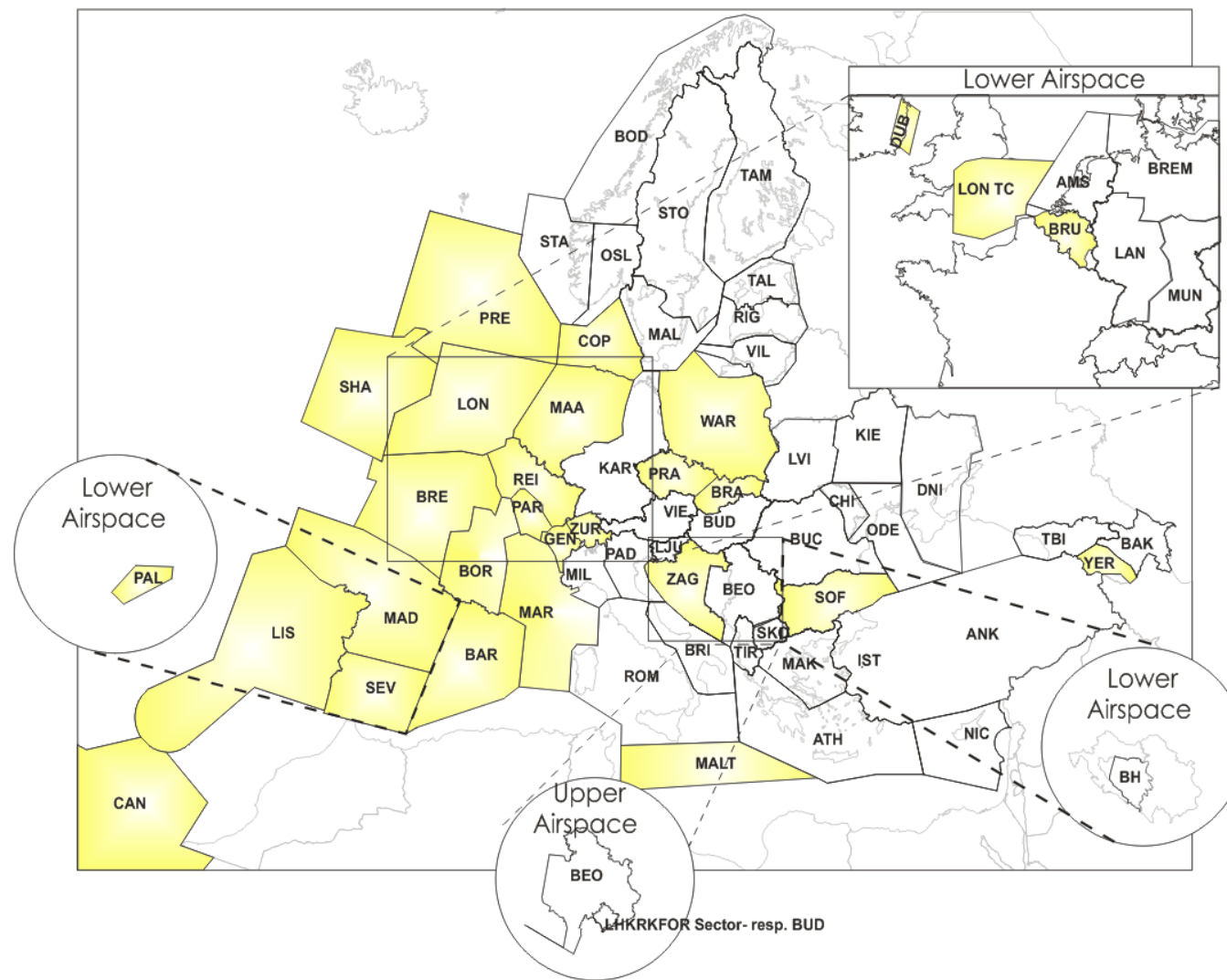
During the FMP Hours of Operations of the FMP the monitoring of the traffic load is the sole responsibility of the FMP.

The NMOC - shall not provide a real-time monitoring service

In significant circumstances - Equipment failure or lack of the FMP staff (e.g. night shifts): the FMP shall request the NMOC to resume normal monitoring as defined in the ATFCM Operations Manual

- NMOC + FMP**
- Only NMOC outside FMP HoO**

As defined in the ATFCM Operation Manual



The regulatory framework in Europe

- ATFCM Users Manual
 - Purpose
 - The ATFCM Users Manual has been prepared with the main object of providing in one document an operational description of the NM ATFCM related actions, information and message exchange.
 - Applicability
 - This manual is aimed at all those likely to be involved in the ATFCM process including Aircraft Operators (**AOs**) and those manning Flow Management Positions (**FMPs**), Air Traffic Services Reporting Offices (**AROs**), aerodrome and en-route ATS Units operating within the NM Area of Operation.

The regulatory framework in Europe

- ATFCM Operations Manual
 - Purpose
 - The ATFCM Operations Manual is intended to provide Flow Management Positions (**FMPs**) and EUROCONTROL's Network Manager (**NM**) with common understanding of their roles in delivering the most effective Air Traffic Flow and Capacity Management (**ATFCM**) services to Air Traffic Control (**ATC**) and Aircraft Operators (**AOs**).
 - Scope
 - The ATFCM Operations Manual is designed to provide guidance and procedures for all EUROCONTROL NM and FMP staff involved in the delivery of ATFCM services.

The regulatory framework in Europe

- Instructions with temporarily validity
 - OI – Operational instruction
 - Change of standard procedures (ops trials, mil activities)
 - ON – Operational Notice
 - Change of Non Ops subjects (shift hours, PCs)