



Network Manager
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2018

Dynamic Airspace Overview

Network Manager Perspective

Razvan BUCUROIU

Head of Network Strategy and Development and Ops
Planning

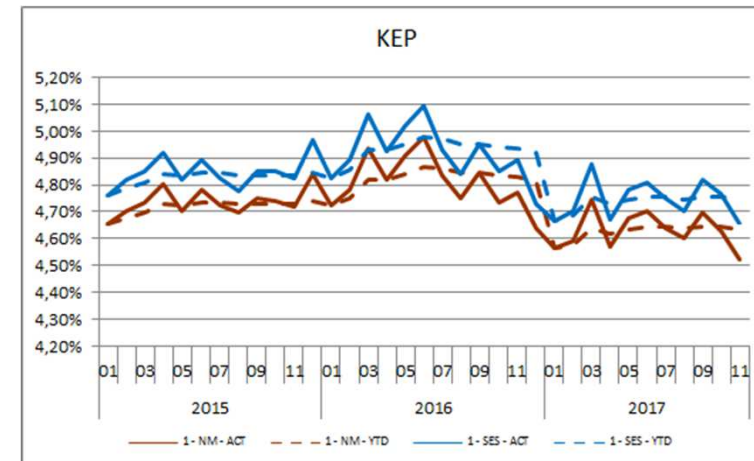
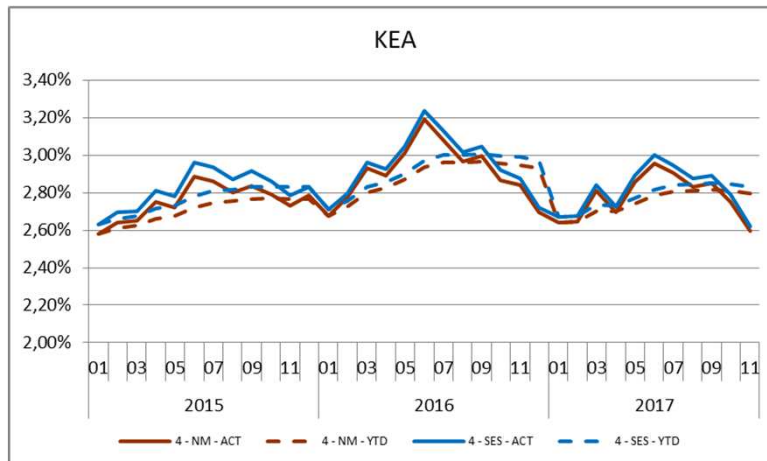
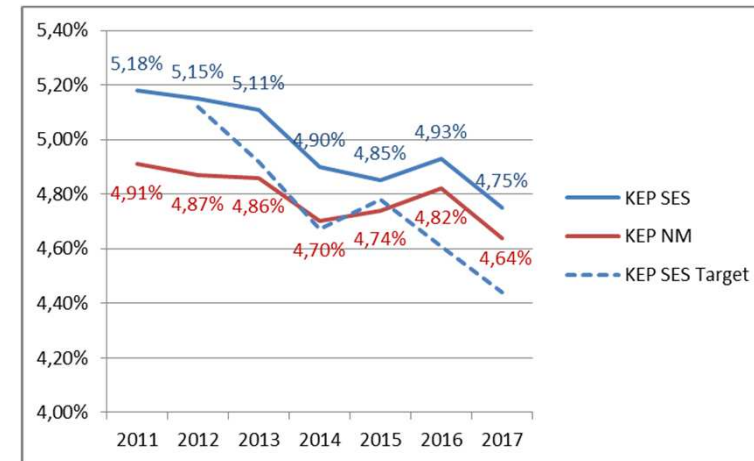
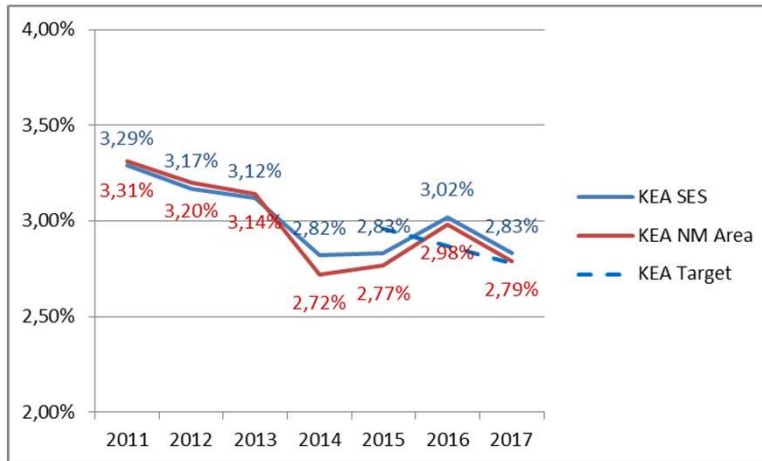
24 January 2018



Flight Efficiency Evolution



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- Best result ever - Absorbing crisis areas and disruptions impact

Flight Efficiency Evolution



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- Gap KEA/KEP remaining
 - Network ready for FRA
 - Improvements in flight planning further required

- Network dynamicity to be taken into account
 - FRA availability
 - Scenarios and airspace utilisation rules
 - Civil/military airspace availability

- Potential of saving up to 100000 Nautical Miles on a daily basis

Towards full harmonisation



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- Harmonised FRA implementation
 - Cross-border context – no differences possible
 - Observance of ERNIP Technical requirements by all ANSPs
 - Harmonised AIP publications
 - Full application of FRA Checklist of Implementation Actions
 - Further NM systems evolutions
- RAD simplification
 - Initial steps towards RAD impact assessment
 - Need concrete steps towards RAD simplification
- Advanced FUA Implementation
 - Concrete harmonisation steps made
 - Single CDR category
 - Procedures, tools and system support for dynamic airspace utilisation
- Cooperation with CFSPs

Cooperation with CFSPs

✈ NM Systems description for flight planning purposes

- ✈ 2 **NETWORK AIRSPACE CHARACTERISTICS** (significant point, aerodrome/airport, airspace, direction of the cruising level)
- ✈ 3 **AIRSPACE UTILIZATION RULES AND AVAILABILITY** (AURA restriction parameters, RAD, FRA DCT restriction, DCT limitation restriction, PTRs, EU/EURO restrictions, aerodrome flight rule restriction, flight property restriction on the terminal procedures)
- ✈ 4 **AIRSPACE MANAGEMENT** (FUA Concept, airspace use plan, FUA processes, AUP/UUP vs NOTAM vs AIS publications, electronic notification services, FUA restrictions)
- ✈ 5 **NMOC FLIGHT PLANNING** (IFPS, route and profile analysis process, common flight planning processing, FRA flight planning)
- ✈ 6 **PATH GENERATOR**
- ✈ 7 **B2B**

✈ Finalised in full coordination with ops stakeholders – H1 - 2018

Next?



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