

# Flight Efficiency Partnership

23<sup>rd</sup> February 2017



Prestwick Centre

# FEP Agenda

09.30 COFFEE

10.00 Introductions/Actions from Last Meeting

10.10 Prestwick & Swanwick Centres Environmental

- Swanwick FAC and SAOP Airspace Proposals
- PLAS Airspace Proposals

11.50 OPA Hotspots (flight planning related)

12.30 LUNCH

13.20 Airline update

13.30 Flight Plan Service Provider update

13.50 Open Forum airlines/controllers

- AEG/3Di update
- Open forum to discuss potential improvements/changes

15.20 AOB

15.30 CLOSE

# Swanwick Airspace Improvement Programme

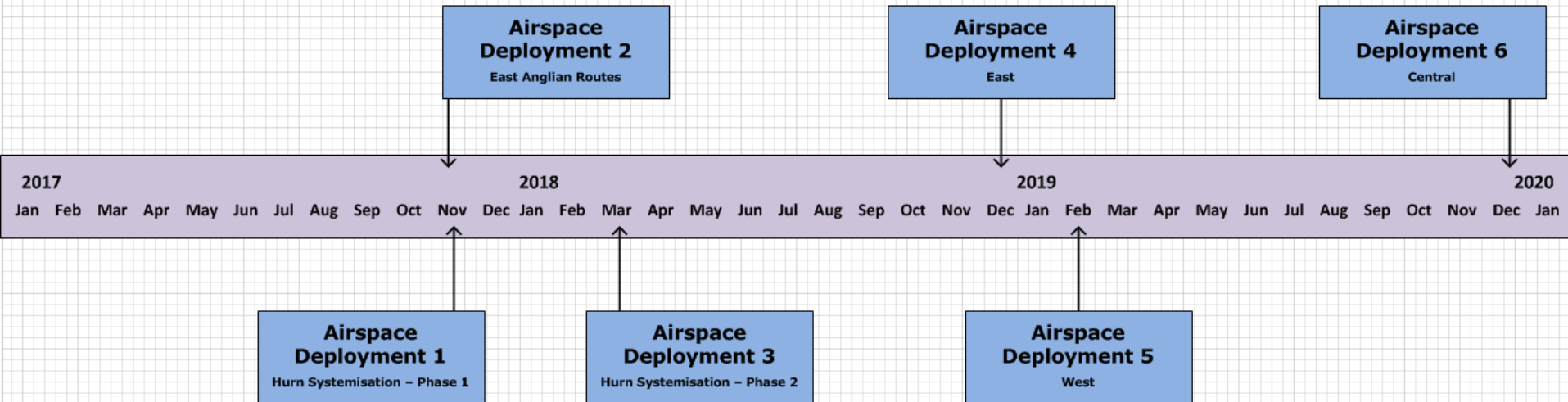


# Background

## NATS Swanwick ATM Development (Airspace)

- Two projects have completed F&O (Feasibility and Options)
  - Future Airspace Capability (FAC)
  - Swanwick Airspace Optimisation (SAOP)
- These projects are targeted to address current safety hotspots, deliver environmental benefits for airspace users and deliver an increase in Airspace Capacity Management (ACM) network capacity.
- These airspace changes will be merged and packaged into separate deliverables to be deployed into appropriate slots during RP2 (2017-2019)

# Swanwick Airspace Improvement Programme



## November 2017

### Airspace Deployment 1 – New RNAV1 STARs and ATS routes on West End & Hurn Sectors

- > Includes:
  - New WILLO (5.5nm saving) and OCK (7nm saving) STARs via BOLRO
  - New WILLO (2nm saving) and OCK (3.5nm saving) STARs via GIBSO
  - RNAV1 ATS routes to/from Sector 6 to remove head on interaction at GIBSO
  
  - RNAV1 Off Load route for UN863 for EGGW and EGSS traffic (capacity benefit for Sector 19)
  - EGSS/EGGW arrivals 3.3nm saving with increase of level restriction from FL340 to FL380
  - EGBB/EGNX arrivals 2.7 nm saving and level restriction lifted from FL360 to unlimited
  
  - RNAV1 CDR SAM-LELNA to reduce track mileage of UN621 traffic (3nm saving 35,000 flights per year)
  - C.3KT fuel savings
- > Requires:
  - ACP to be re-submitted to CAA – April 2017
  - Minor changes to sector boundaries for AC & TC