

# NEFAB

north european functional airspace block

## **NEFAB Strategy**

**Air Navigation Services Consultative Board**

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# Structure of presentation

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## 1. Background and process

## 2. Strategy document

- *Introduction*
- *Part One* – High level presentation of the strategy
- *Part Two* – Strategic objectives and transversal strategic measures
- *Part Three* – Implementation

## 3. Next steps



## Background and process (1)

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### ❖ NEFAB feasibility study 2011

- NEFAB will meet the legal requirements
- There is potential for significant benefits

### ❖ Feasibility study endorsed by the NSAs

### ❖ Declaration of intent from Ministers of Transport

### ❖ Concrete measures postponed until NEFAB is formally established



## Background and process (2)

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### NEFAB Agreement 2012 – General considerations

- Aiming at achieving maximum capacity, effectiveness and efficiency of the air traffic management network while maintaining a high level of safety
- Creation of NEFB requires enhanced and increasing cross-border provision of air navigation services
- Close cooperation among air navigation service providers is vital to fulfil the needs of civil and military air traffic
- Importance of continuing close cooperation with Iceland and the Danish-Swedish FAB, as well as other neighbouring FABs with the possibility of a future consolidation as a vision



## Background and process (3)

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### NEFAB Agreement – Objective of NEFAB

... optimal performance in the areas relating to

- safety
- environmental sustainability
- capacity, cost-efficiency, flight efficiency and military mission effectiveness
- design of airspace and
- the organisation of air traffic management
- airspace concerned regardless of existing boundaries



## Background and process (4)

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### NEFAB Agreement – Areas of cooperation

- Governance of NEFAB
- Civil-military cooperation
- Airspace
- Harmonisation of rules and procedures
- Provision of air navigation services
- Meteorological services
- Charging
- Supervision
- Performance



## Background and process (5)

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### NEFAB Agreement – Functions of the NEFAB Council

... ensure the implementation of this Agreement and the fulfilment of the objectives of NEFAB in general.

9.2 The NEFAB Council shall in particular:

- a. define strategic objectives for the development of NEFAB, assess the results achieved and take appropriate measures if required;



## Background and process (6)

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NEFAB strategy on the agenda of NEFAB Council from its first meeting.

Various versions of document mapping out the context of NEFAB, its legal and operational basis, its relations to stakeholders and neighbours, etc.

Various ideas regarding the concept of a strategy document. The idea of using the NEFAB feasibility study as a basis was floated, but not supported.

Draft text developed in Financial & Performance Committee and informal State-level group.

Submitted to ANSCB for comments & tabled for adoption in NEFAB Council.





# Strategy document – *Introduction*

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- Recalls the legal basis for and purpose of the NEFAB cooperation.
- Refers to provisions in the agreement regarding Sovereignty and Public Security and Defence. These considerations are overriding principles which will apply in the implementation of the strategy.
- Underlines the high level nature of the strategy. Makes a distinction between the strategy and its implementation.
- Underlines the long term perspective of the strategy, beyond 2020.
- An incremental approach to its implementation.
- The document will be reviewed regularly.



# Part One – High level presentation of the strategy (1)

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## 1. *Vision*

NEFAB is a functional airspace solution where service is optimized to customer expectations, with focus on safe, cost efficient and environmental performance.

## 2. *Mission*

The mission is to achieve optimal efficiency through harmonization, shared services and integration to the highest extent possible while pursuing optimal civil-military coordination.

## 3. *Target areas*

A number of target areas are relevant for the fulfilment of the NEFAB vision

- Safety of Operations
- Environmental sustainability
- Capacity
- Flight and cost efficiency
- Military mission effectiveness



## ***Part One – High level presentation of the strategy (2)***

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### ***4. Strategic objective***

Continuous improvements in all target areas; i.e. cost-efficiency, safety, capacity, environment and military mission effectiveness

#### ***Transversal strategic measures***

- Optimum use of airspace
- Harmonized procedures and regulations
- Interoperable technical systems / interoperable system operations
- Enhanced cooperation with neighboring FABs and States



## ***Part Two – Strategic objectives and transversal strategic measures (1)***

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*The means set out in this inventory shall be **evaluated** and may be **supplemented** by additional means.*

### ➤ **Continuous improvements in all target areas**

#### **Cost-efficiency**

- ✓ Facilitation of shared services
- ✓ Harmonization and/or integration of support services
- ✓ Cross-border sectorisation
- ✓ Joint specifications and joint/harmonized procurement
- ✓ Harmonized/common training
- ✓ Common charging policy



## ***Part Two – Strategic objectives and transversal strategic measures (2)***

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### **Safety**

- ✓ Common Safety policy & Common airspace policy
- ✓ Harmonization of state safety programmes (SSP)
- ✓ Harmonization of safety management systems (SMS)
- ✓ Safety information exchange and lesson dissemination

### **Capacity**

- ✓ Coordinate network plans
- ✓ Cross-border services
- ✓ Optimize contingency arrangements
- ✓ Enhanced FUA



## ***Part Two – Strategic objectives and transversal strategic measures (3)***

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### **Environment**

- ✓ Shorter/direct flight routes
- ✓ Optimum flight profiles for climb/descent
- ✓ Implementation of Free Route Airspace concept

### **Military mission effectiveness**

- ✓ Enhanced FUA Harmonized FUA implementation
- ✓ Harmonized military procedures as far as appropriate
- ✓ Efficient cooperation and training between States regardless of existing boundaries



## ***Part Two – Strategic objectives and transversal strategic measures (4)***

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### ➤ **Optimum use of airspace**

- ✓ Common airspace policy
- ✓ Free route airspace (NEFAB FRA and NEFRA, phases 1 and 2)
- ✓ Enhanced and harmonized FUA applications
- ✓ Cross border sectorisation
- ✓ Cross border contingency agreements

### ➤ **Harmonized procedures**

- ✓ Regulatory provisions and processes (NSAs)
- ✓ Operational processes (rules and handbooks) (ANSPs)
- ✓ Publication of relevant procedures
- ✓ Training
- ✓ Competency requirements (NSAs)
- ✓ Military procedures as far as appropriate



## ***Part Two – Strategic objectives and transversal strategic measures (5)***

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- **Interoperable technical systems / interoperable system operations**
  - ✓ System harmonization/integration
  - ✓ System harmonization/integration for military aviation as far as possible and appropriate
  - ✓ Joint specifications and joint/harmonized procurement
  
- **Enhanced cooperation with neighboring FABs, States and ICAO**
  - ✓ Continue close cooperation with the DK/SE FAB and Iceland at ministerial, NSA and ANSP levels
  - ✓ Enhance/establish cooperation with other FABs and neighboring States,
  - ✓ Ensure that the existing arrangement concerning Bodø Oceanic FIR as part of NEFAB airspace is maintained.





## ***Part Three – Implementation***

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The strategic objectives are to be achieved gradually

### **The NEFAB Council**

- Adopts the NEFAB strategy
- Decides on implementation plans
- Monitors the implementation



### 3. Next steps

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#### **NEFAB strategy will be complemented by the first implementation plan**

- ✓ The development of the NEFAB cooperation through implementation plans will follow a step-by-step approach
- ✓ The analyses and information provided by the NSA and ANSPs are necessary input to facilitate the Council's decision-making process



## 3. Next steps

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**The NEFAB Council will be invited to adopt the following decision :**

- Agree to propose that the NEFAB implementation plan should be initiated without delay by the Finance & Performance Committee in 2015
- Agree that the implementation plan should include concrete activities that are necessary to carry out the strategic objectives, the timeframe and the committees responsible to carry out such activities
- Agree that proper consultation and involvement must be ensured from the ANSPs (The NEFAB Management Board) and other NEFAB Committees as well as from the airspace user community and staff associations (ANSCB)
- Agree that the first implementation plan should be presented for the NEFAB Council for adoption no later than the end of 2015



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Thank you for your attention!

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