

# ***CONTINGENCY PLANNING of AIR NAVIGATION SERVICES***

**SASI Workshop**

**Review of EUROCONTROL Guidelines**

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**[http://www.eurocontrol.int/ses/public/standard\\_page/sk\\_sesis\\_guidelines.html](http://www.eurocontrol.int/ses/public/standard_page/sk_sesis_guidelines.html)**

# BEFORE



# BEFORE

Crisis  
Managt

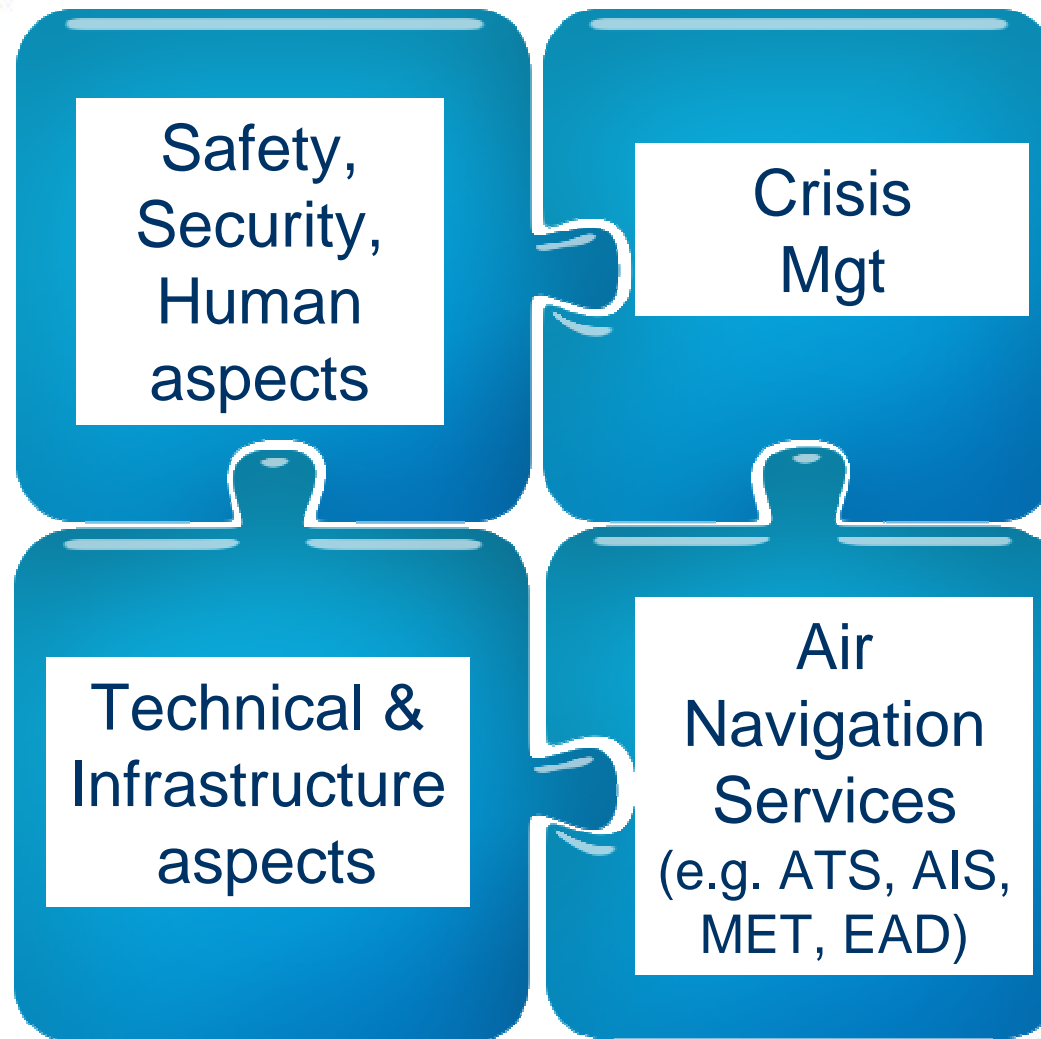
Safety,  
Security,  
Human  
aspects

Technical &  
Infrastructure  
aspects

Air  
Navigation  
Services



## Multi-disciplinary approach



# Contingency Task Force (CTF) Membership

## 14 ATS providers:

NATS, BELGOCONTROL, LVNL, MUAC, DFS, ENAV Spa, LFV, Nav Portugal, Slovakia, CroControl, SMATSA, DSNA, PANSA, Skyguide.

## Regulators

UK, FR

## Ministry:

NL

**Military (DCMAC) / Airport (Agency)**

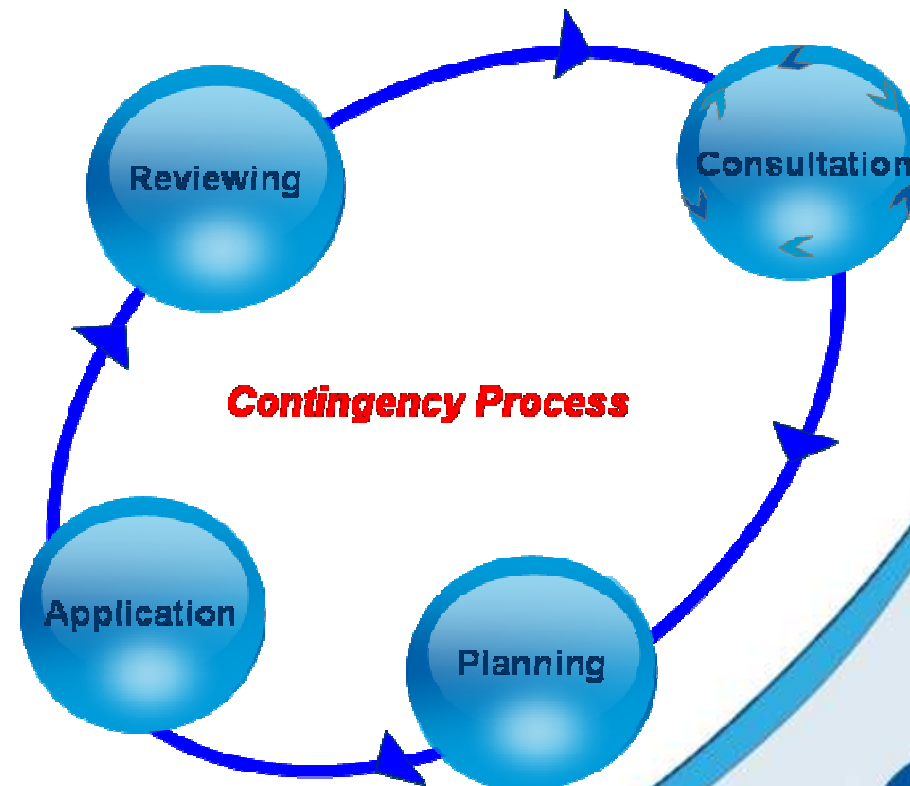
# Guidelines for Contingency Planning of ANS

available at

[http://www.eurocontrol.int/ses/public/standard\\_page/sk\\_sesis\\_guidelines.html](http://www.eurocontrol.int/ses/public/standard_page/sk_sesis_guidelines.html)



*Eurocontrol Guidelines for  
Contingency Planning of  
Air Navigation Services*







Reviewing



Application



**Contingency Process**

**AFTER**

Planning

ANSP

State  
Civil & Military  
Authorities

Airports

Consultation

Airspace Users

Inventory of Services

List causes

Check existing plans

Plan Contingency measures

Plan Recovery back to Normal

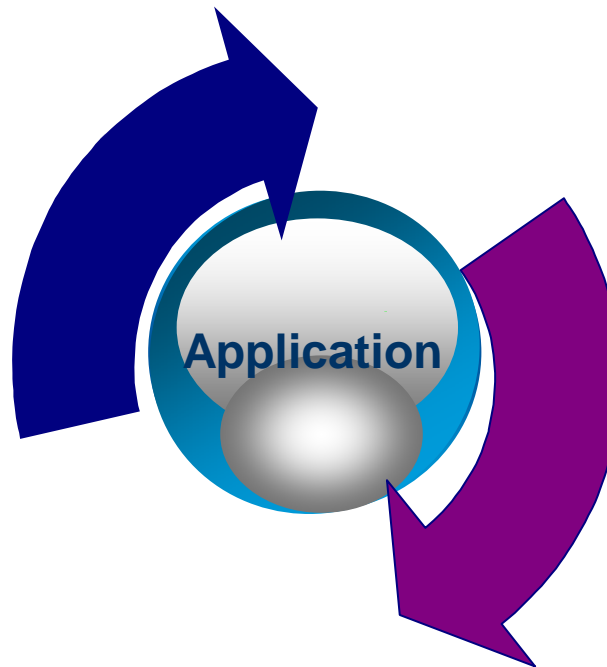
Document Contingency plans

Change Management

# Application

## EXECUTION

- *Choose appropriate measures in menu of Contingency Plan*
- *Inform CFMU*
- *Inform neighbours*



## ACHIEVEMENT

- Testing and Exercising,
- Training,
- Licensing

## ASSURANCE

*Are my plans feasible ?  
Are we ready ?*

- *Audits/ Reviews*
- *Post-event analysis*
- *Lessons learned*
- *Change management*



## Topics addressed other than « Contingency process »

- Organisational aspects (§5);
- Policy (§6);
  - Roles and responsibilities of States, NSA and ANSP (details in Appendix A);
  - Legal aspects: liabilities, insurance;
  - Cross border provision;
- Planning (§7)
  - ANS related planning considerations (ATS, AIS, MET, Airport).
- Crisis Management (§11)

# Appendices

- 
- A. Roles and responsibilities of State, NSA or ANSP in contingency;
  - B. List of events to support risk assessment
    - Building related events
    - ATM related events
  - C. *Support in determining possible contingency strategies*
  - D. Templates to develop contingency procedures
  - E. Example of application of the “planning” process
  - F. Standard contingency agreement between ANSPs
  - G. Process of contingency planning (participants, areas and actions)
  - H. Financial
  - I. Special case- Industrial Action

# Reference Guide to EUROCONTROL Guidelines for Contingency Planning of ANS



*Reference Guide to  
Eurocontrol Guidelines for  
Contingency Planning of  
Air Navigation Services*



## Released version available at

[http://www.eurocontrol.int/ses/public/standard\\_page/sk\\_sesis\\_guidelines.html](http://www.eurocontrol.int/ses/public/standard_page/sk_sesis_guidelines.html)

Many States already have contingency plans in place. Need of an accompanying document aimed at those institutions who are more familiar with the subject.

## Reference Guide is a complementary document:

1. Shorter (44 pages);
2. giving access to the guidelines;
3. based on check-lists.
4. RG should be used to "prove the robustness of existing Contingency Plans"

# Design of Contingency Strategies



Released February 2008

## Complementary to Guidelines:

- Help ANSPs prepare for loss of major facility
- Based on current practices

# Strategies

## 5 Contingency Strategies

Regional Solutions

Co-Located and Multi-Use Facilities

Centralised Facilities

International Agreements

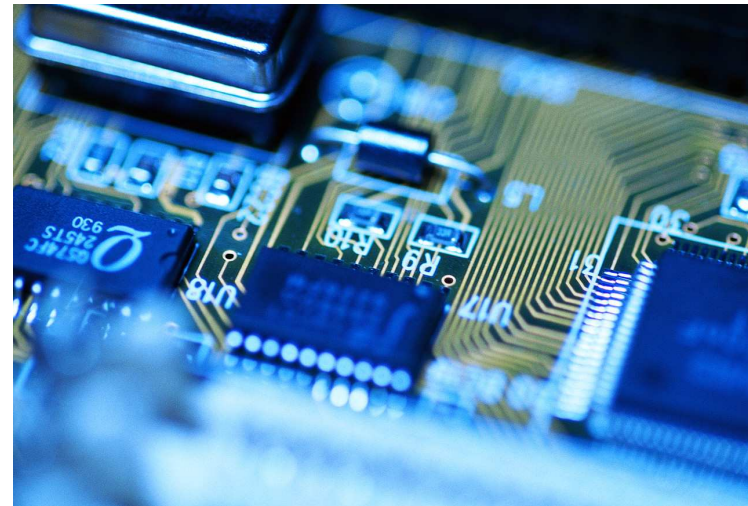
Hybrid Models





## SWOT Analysis

## Engineering/Technical







ANSP

Consultation

Airports

State  
Civil & Military  
Authorities

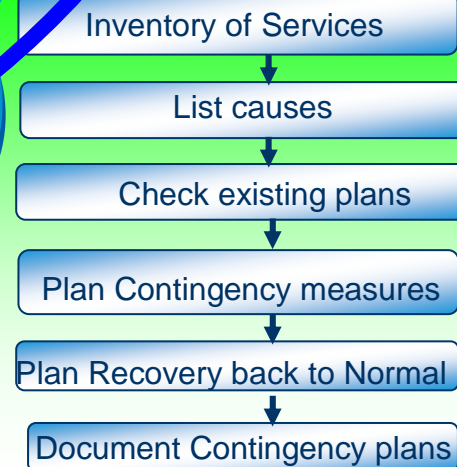
Planning

Application

Review

EUROCONTROL

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