

Civil Air Navigation Services Organisation



CANSO
Civil Air Navigation Services Organisation
Alexander ter Kuile – Secretary General

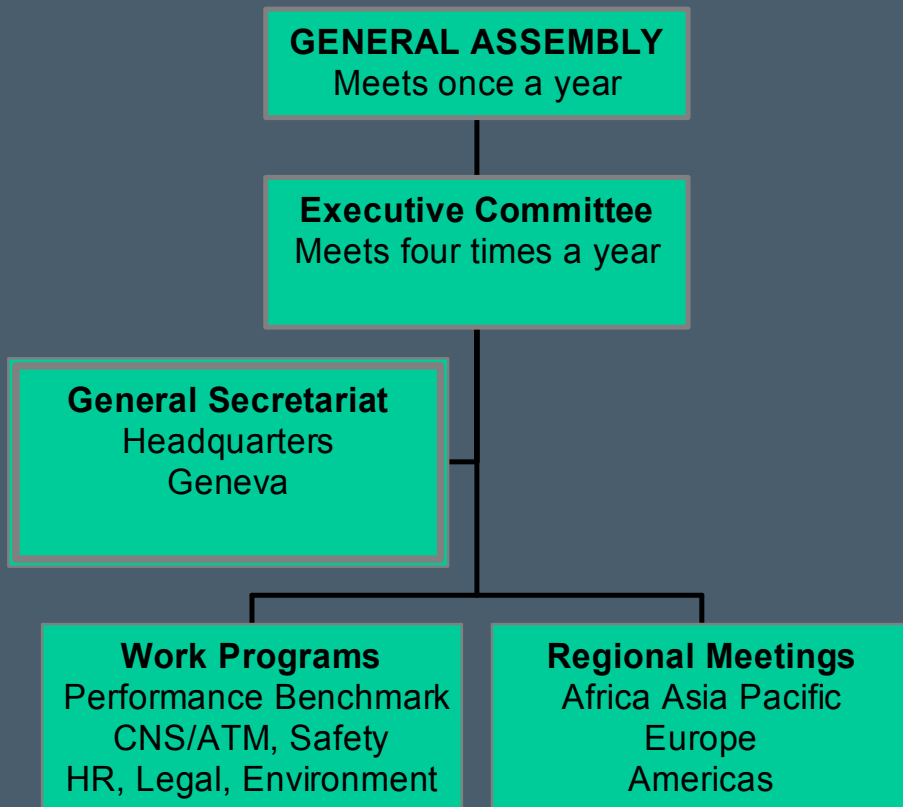
Tegucigalpa –September 2002



Introducing CANSO

- Civil Air Navigation Services Organisation
- Represents 'Corporatised' ANS providers
- Founded 1998, based in Geneva
- Worldwide 27 Full & 27 Associate Members

CANSO Organisation Structure



CANSO Members

- Control 56% of world airspace
- Control 81% of world air traffic
- Handled 43 million flights in 2001

CANSO Members

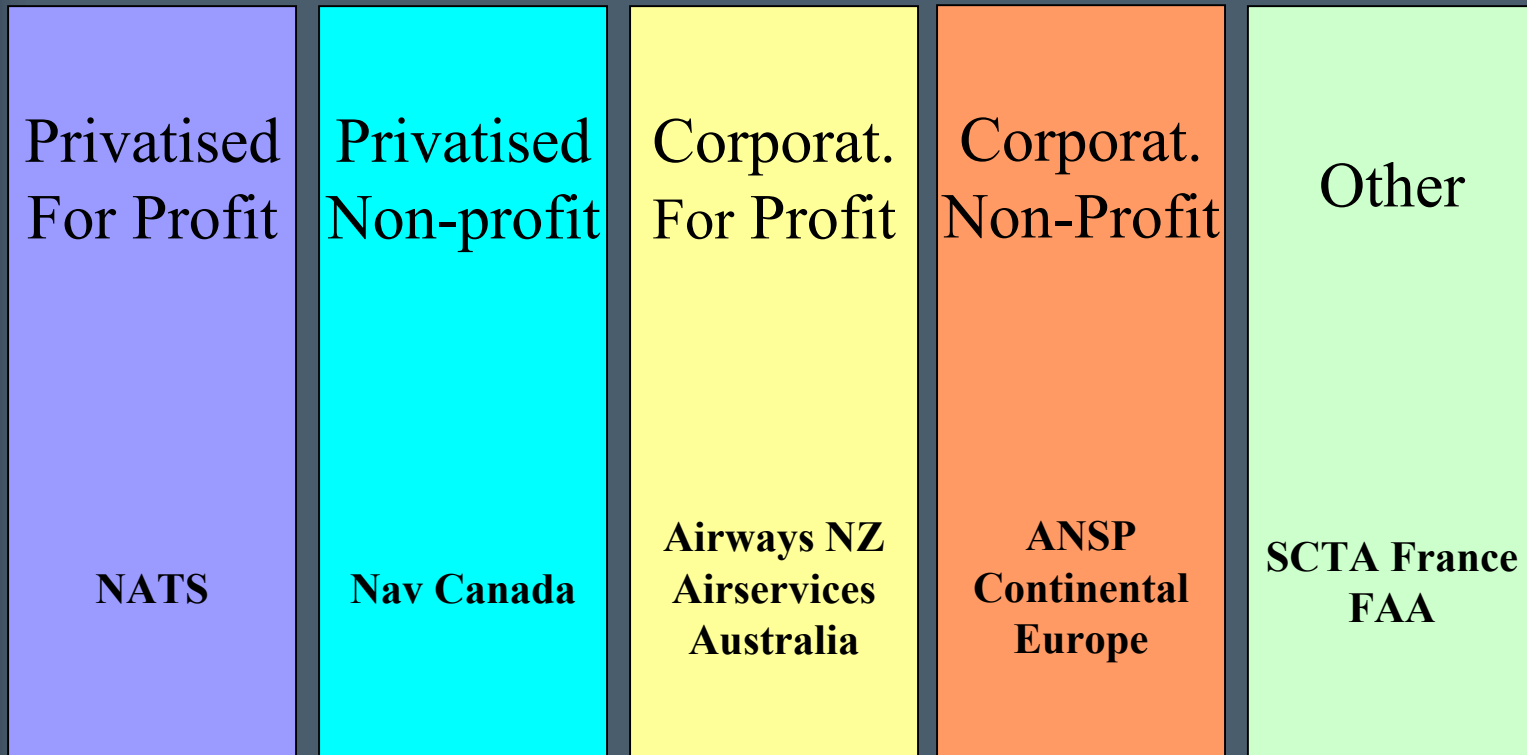
Aerothai – Thailand
 AENA – Spain
 ANS Czech Republic
 ATNS South Africa
 Airservices Australia
 Airways Corp. New Zealand
 Austro Control
 Belgocontrol
 CAA Uganda
 DFS - Germany
 ENAV - Italy
 Estonian ANS
 Irish Aviation Authority
 Kazaeronavigatsia
 LGS – Latvia
 LPS – Slovakia
 LVNL – the Netherlands
 MoldATSA Moldova
 NATS UK

NAV Canada
 NAV Portugal
 Naviair Denmark
 Oro Navigacija Lithuania
 Roberts FIR
 skyguide
 ROMATSA Romania
 UkSATSE Ukraine

AEA Technologies
 Airbus
 Air Canada
 ARINC
 Boeing ATM
 British Airways
 CAA Slovenia
 Comsoft
 Concordia University
 FAA
 Frequentis
 HungaroControl
 Indra Sistemas
 Innovative Solutions
 Integra
 Lockheed Martin ATM
 LfV Sweden
 MITRE
 NATAM Norway
 Orthogon
 PriceWaterhouseCoopers

Raytheon
 SCTA France
 SITA
 Thales ATM
 Unisys R2A Transport
 Management Consultants

Different ANSP Models



CANSO - Global experience

- Many different ANSP economic models
- Ranging from 'For-Profit' to 'Non-Profit'
- Ranging from 'Privatised' to 'Corporatised'
- Small & Large ANSP; Oceanic or High density

CANSO – Global experience

- Classic ‘state’ authority, to ‘commercial’ entity
- Separation of Provision / Regulation
- ‘Unbundling’ of ancillary services
- Financial return on Shareholder Equity

CANSO consolidation experience

Before



After



Consolidation by Airservices Australia

European ATM Compared

	Europe*	N. America [#]	Australia
Total Km ² (mill.):	6.120	19.344	7.682
ANSP's:	57	2	1
ACC's:	71	29	2
Staff :	42'000	35'450	2'861
Airports (+ 1mill):	114	104	9
Movements (mill.):	17.2	22.5	1.5

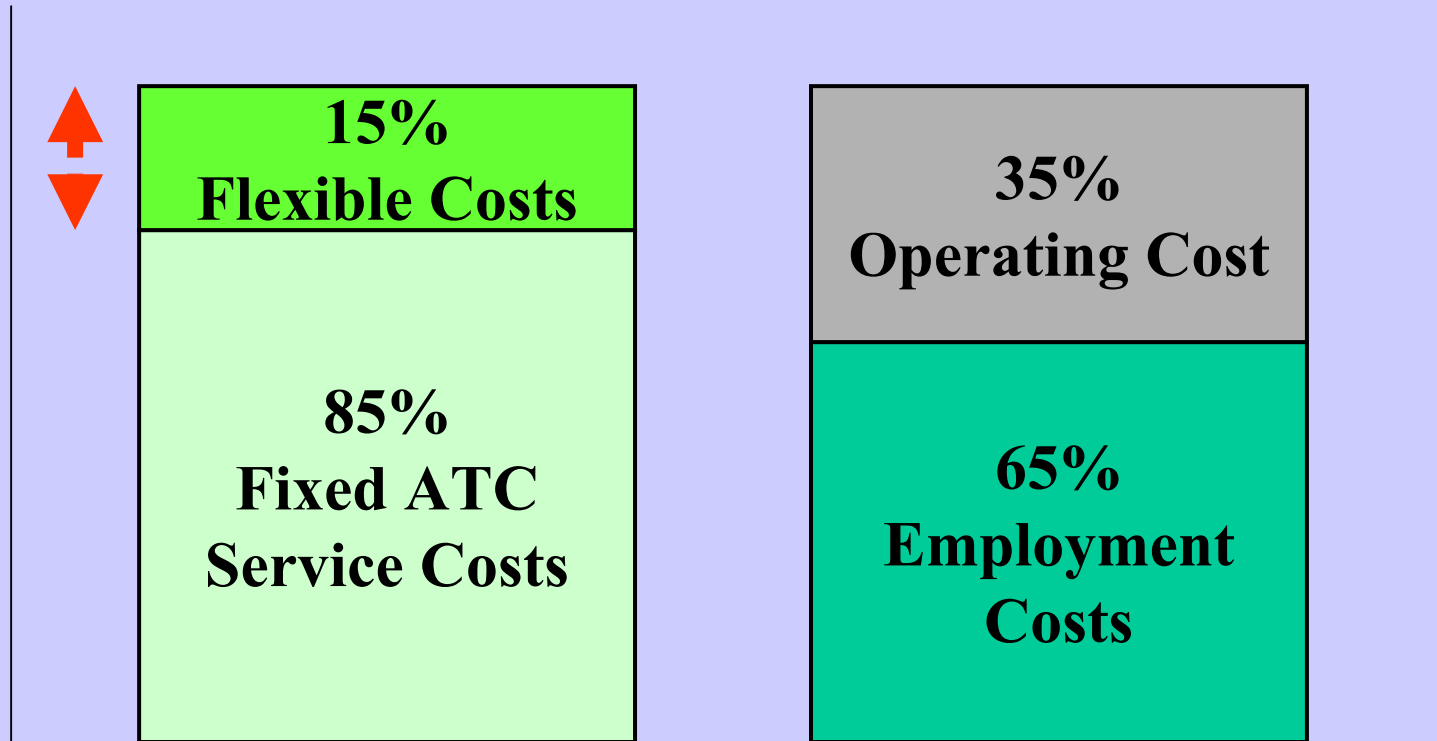
* From Iceland to Turkey

USA & Canada

European ATM System Today

- 44 European States
- 57 ANSP's = 31 Civil, 21 Military, 5 Integrated
- 71 ACC's
- ± 42.000 staff
- ± 18.000 ATCO's

ANSP – Average Cost Breakdown



Position Single European Sky 1

- CANSO supports Single European Sky
- And the Single European Sky Committee
- However ATM is complex, consultation required
- Therefore EU Industry Consultation Body a must

Position Single European Sky 2

- CANSO recognises Eurocontrol's expertise
- Eurocontrol must separate provision / regulation
- CANSO asks level playing field for all providers
- Relocation Military Airspace = EU nations pay

Position Single European Sky 3

- Eurocontrol, Eurocae, CEN, CENELEC, many bodies involved in standardisation & safety
- Too many bodies for regulation: National & EU
- Support Authorisation & Designation of ANSPs
- CANSO concerns on 'short' designation period

Position Single European Sky 4

- ANSPs should play 'Key' role in airspace design
- CANSO supports 'Flexible Use of Airspace'
- CANSO supports 'Civil / Military' cooperation
- CANSO concerns on 'short' designation period

CANSO – EU Parliament

- CANSO available to assist Parliamentarians
- Recognise ATM highly specialist subject
- Eurocontrol, provides State and ‘regulator’ view
- CANSO provides ‘Operational’ and ‘Local’ view

www.canso.org

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