



## European ATM Safety Conference

**ATM Performance and Interfaces ANSP/NSA:  
from local, FABs and Network Manager Perspective**

*"ATM Safety Performance: Do you know how to interface?"*

28 - 29 February 2012  
Four Seasons Hotel, Limassol, Cyprus





## MESSAGE FROM DIRECTOR GENERAL EUROCONTROL

Over a year ago in Belgrade, we gathered and discussed the balance of safety against other key performance areas. Several of you presented your experiences and showed that it is possible to work safely when pressures from cost, flight efficiency, capacity and environment are high.

Previous CEO Safety Conferences have showed that it is essential to have safety driven 'top-down' from the CEO and Board level, and then cascaded downwards throughout organisations. The highly positive feedback from many of you has encouraged us to continue with these annual events.

The aim of the forthcoming CEO conference is to bring together CEOs of ANSPs from across Europe to hear how safety and particularly safety performance and interfaces are managed from a local, FAB and Network level. This is obviously important to us in EUROCONTROL in the context of our new role as Network Manager, as well as for you as the EU deadline for formally establishing the FABs is now a year away.

I am inviting you to share your practical experience and set out how you intend to meet the challenges to provide safe services in well functioning FABs taking into account the other performance factors of capacity, cost efficiency and environment. A key area being how your organisations interface with the regulatory/supervisory bodies.

As previously, the format of this conference will be a mixture of Keynote presentations and interactive sessions with plenty of time for networking. In addition, you will have the opportunity to give your review and input to the ES<sup>2</sup> (Experience Sharing to Enhance SMS) project and provide advice on any safety management support that you should like the Network Manager to provide centrally to ANSPs during 2012.

You may also wish to know that Professor Chris Johnson from the University of Glasgow and Chairman of the Scientific Advisory Committee of SESAR will enlighten us during the seminar on one of the new business threats - cyber attacks. Professor Johnson is a renowned speaker and international expert in this field and I am sure that he will provide us all with new insights into this emerging technological hazard.

I look forward to seeing you on 28-29 February 2012 in Limassol.



**David McMillan**  
**Director General EUROCONTROL**



## OBJECTIVES

- Give CEOs the opportunity to discuss and comment with EUROCONTROL Network Manager on safety challenges such as:
  - Interface between ANSP and NSA at local, FAB and Network level,
  - ATM Performance,
  - Cross cultural aspects in FABs;
- Give CEOs and Safety Managers the opportunity to inform EUROCONTROL Network Manager on their safety needs and support at local, FAB or Network level (i.e review the Experience Sharing to Enhance SMS project - 2011 achievements and finalise the planning for 2012);
- Give CEOs and Safety Managers of ANSPs the opportunity to network with their peers and senior management of the Network Manager.

# PROGRAMME

## DAY 1 - 28 February 2012 - Morning Session

**8:30 Registration**

**9:00 Welcome & Opening remarks**

Leonidas Leonidou, Director General of Civil Aviation Cyprus  
David McMillan, Director General, EUROCONTROL

**From Local, FABs and Network Manager Perspective:  
Experience and Practices**

Chair and Moderator: Jacques Dopagne, Director DNM, EUROCONTROL

**9:15 How to keep safe three million operations a year – from local, FAB and  
NM metrics to world wide CANSO approach**

Dieter Kaden, Chairman and CEO DFS

**9:35 FAB CE: ATM Performance and Interfaces ANSP/NSA**

Johann Zemsky, Managing Director Austro Control

**9:55 The challenges of the regulatory approach in a privatised organisation**

Richard Deakin, CEO NATS

**10:15 Coffee Break**

**10:45 What best practices to adopt to break through in Safety Maturity - safety is  
good business**

Massimo Garbini, CEO ENAV and Chairman Network Management Board

**11:05 Experience and practices on the ANSP/NSA interface within FAB - Relevance  
of impact assessment of (new) regulatory requirements**

Claudia Vîrlan, DG Romanian CAA

**11:25 Safety Tools – how to manage safety and not just indicators**

Maurice Georges, CEO DSNA

**11:45 Moderated Q&A session**

**12:15 Lunch**

## DAY 1 - 28 February 2012 - Afternoon Session

### 13:45 **FABEC solutions on the safety oversight**

Dani Weder, CEO skyguide

### 14:05 **Automatic tools in support of ATM Performance**

Bogdan Donciu, Adviser of Romanian Minister of Transport  
Deputy Director General ROMATSA, Romania

### 14:25 **From EU 691/2010 on performance, the EC Regulation on Network Manager Function and FAB IR**

Jacques Dopagne, Director DNM, EUROCONTROL

### 14:45 **Moderated Q&A session**

### 15:15 **Coffee Break**

### 15:45 **Degraded modes of operations - a normal day to day operations scenario? When degraded modes are due to Cyber attacks - who are the next ANSPs under attack?**

Chris Johnson, University of Glasgow

### 16:30 **Moderated Q&A session**

### 17:00 **End of Day 1**

### 19:30 **Dinner**

#### **Dinner Speech**

#### **Our greatest safety problem and its solution are the same - people**

Guest Speaker: Tom Lintner, President and CEO of The Aloft Group

# PROGRAMME

## DAY 2 - 29 February 2012

**9:15    BLUAMED Safety Case - A novel approach to meet the EC and go beyond the regulatory requirements**

Leonidas Leonidou, DG DCA Cyprus  
Petros Stratis, Safety Expert DCA Cyprus

**9:35    Interfacing with NSA – a constructive partnership**

Kornél Szepessy, CEO HungaroControl

**9:55    Practical Interface with multinational provider MUAC and FABEC**

Jos Wilbrink, Ministry of Infrastructure and Environment, The Netherlands and former co-chair of SAFREP Task Force

**10:15    SMS roadmaps and safety indicators - can we build them without a safety culture?**

Antonio Licu, Head of Safety Unit, DNM, EUROCONTROL

**10:35    Moderated Q&A session**

**11:00    Coffee Break**

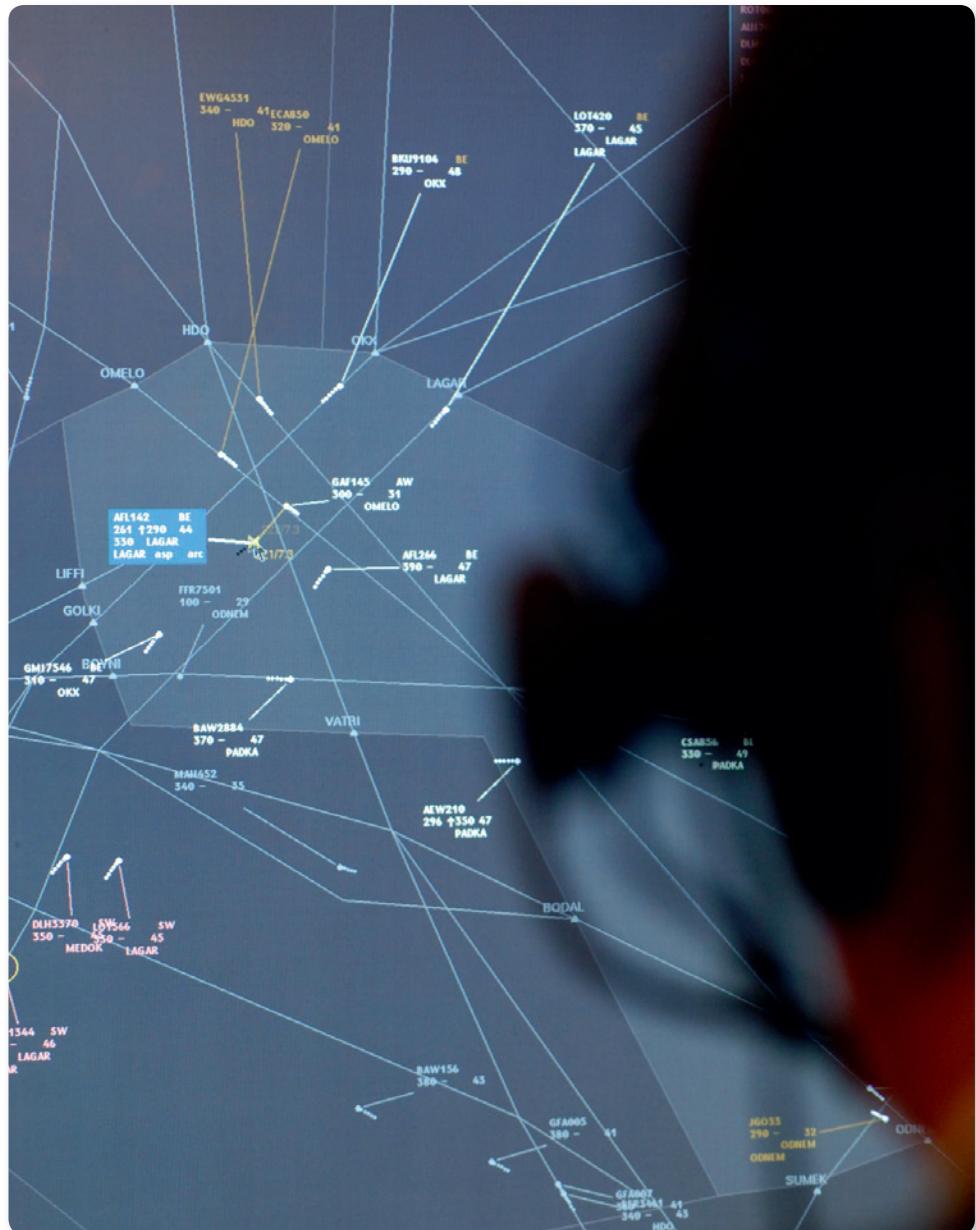
**11:30    Review of ES<sup>2</sup> events in 2011 and 2012 planning**

Frédéric Lieutaud, ES<sup>2</sup> Project Manager, Safety Unit DNM, EUROCONTROL

**11:50    Conclusions and Next steps**

**12:15    Closure**

**12:30    Lunch**





## SPEAKERS



### **Dr Leonidas Leonidou** **Director General of Civil Aviation of Cyprus**

Leonidas Leonidou graduated in 1977 with BSc 1st class Honours degree in Electrical Engineering and Electronics from the University of Manchester Institute of Science and Technology of the UK. He received a grant and continued his studies at the same University and was awarded a Ph.D. in the field of Digital Communications in 1980. Later on in his life, in 1995, he was awarded a Master in Business Administration (MBA) from CLIM, Cyprus. He is a Chartered Engineer and Member of the Institute of Electrical Engineers of the UK and Member of the Engineering Council of Cyprus.

He worked for more than 22 years with the Cyprus Telecommunications Authority and held a number of senior positions including that of the Manager of Technical Services. He engaged in Satellite Communications, GSM networks, International Commercial Services, Business Development and finally he managed the Aeronautical Services Network of CYTA that supports the entire technical infrastructure for the Department of Civil Aviation.

As of October 2005 he is Director General of Civil Aviation of Cyprus. He is a member of the Provisional Council of EUROCONTROL, of the Management Board of EASA and of the Coordinating Committee of ECAC. He is also Chairman of the Governing Board of BLUE MED FAB that includes Italy, Greece, Malta and Cyprus.

He is married and has two daughters.



**Mr David McMillan**  
**Director General EUROCONTROL**

David McMillan has been involved with transport issues at national and international level for over twenty years. He became Director General of EUROCONTROL, the European Organisation for the Safety of Air Navigation, on 1 January 2008.

Prior to joining EUROCONTROL, David McMillan held a range of posts in the UK's Department of Transport (DfT). Between 2004 and 2007, he was the UK's Director General of Civil Aviation. In this role he was responsible for domestic and international aviation policy issues including development of the Single European Sky, the relationship between aviation policy and environment, aviation competition, liberalisation, and air traffic control.

Between 2002 and 2004, he served as Director of Strategy and Delivery, responsible for the DfT's delivery agenda and for relations with the EU. Prior to this, he was DfT Director of Rail Restructuring, setting up a successful new operating company to take over as the UK's rail infrastructure provider.

From 1998 to 2001, he led the UK Department of Transport Division responsible for air traffic control policy, putting in place the Public Private Partnership for the future of the UK air navigation service provider, NATS.

Mr McMillan began his career in the UK Foreign Office in 1976, serving in Morocco and Zimbabwe. He has also worked as Transport Secretary at the British Embassy in Washington and Head of Information in the Department of Transport.

Between 2005 and 2007 Mr McMillan was the First Vice President of the European Civil Aviation Conference and the spokesman for Europe on aviation and environment at the International Civil Aviation Organisation (ICAO). In 2006 and 2007, he participated in the EU's High Level Group on the future of aviation regulation in Europe.



## **Mr Jacques Dopagne**

### **Director Network Management EUROCONTROL**

Jacques Dopagne has over thirty years' experience in air traffic management. He became Director of the EUROCONTROL Central Flow Management Unit (CFMU) in January 2006 and of the Directorate Network Management (DNM) in January 2011 following restructuring of the EUROCONTROL's Agency.

Prior to joining EUROCONTROL, Mr Dopagne served as General Manager of the Paris regional air navigation centre (CRNA Nord), France's biggest air traffic control centre with over 700 employees.

Mr Dopagne started his career at the French Ministry of Transport, where he headed an office in the General Directorate for civil aviation, dealing with airspace organisation and large-scale air navigation equipment programmes.

He was subsequently appointed advisor to the Director of Air Navigation, a position he held for three years and during which he represented the French civil aviation administration at discussions on the ATM Strategy 2000+ and the EUROCONTROL revised convention.

Mr Dopagne graduated in Engineering from the Ecole Nationale d'Aviation Civile (ENAC) in Toulouse, France.



### **Mr Dieter Kaden**

#### **Chairman and CEO DFS Deutsche Flugsicherung GmbH, Germany**

In 1991, Dieter Kaden was appointed by the Federal Minister of Transport to prepare and execute the corporatisation of the Federal Administration of Air Navigation Services, predecessor of DFS. When DFS was founded in 1993, Dieter Kaden was entrusted with the running of the new organisation.

Since 1993, Dieter Kaden has been Chief Executive Officer and Chairman of the Board of Managing Directors at DFS Deutsche Flugsicherung GmbH. Furthermore, Dieter Kaden represents the interests of aviation in various supervisory boards of both national and international bodies.

In 1995, he co-founded the international association of air navigation service providers, CANSO. In 2004, he was co-founder of the CANSO European unit and thereof Chairman from 2004 to 2006.

Since 2000, he has also been a member of the CESC (Chief Executive Standing Conference), renamed ANS Board in 2006, an advisory body of the Director General of EUROCONTROL. From February 2009 on Dieter Kaden chairs the ANS Board.

Together with the Federal Ministry of Transport, Building and Housing, Lufthansa, Fraport and Munich Airport, Dieter Kaden launched the so-called Air Transport Initiative in 2003, which aims to consolidate Germany's competitive position on the air transport market.

Dieter Kaden is a founding member of the ICB (Industry Consultation Body) which was established in spring 2004 and provides advice to the European Commission on technical aspects of the SES regulations.

In 2010 Dieter Kaden was elected to be the founding president of the German Association of the Aviation Industry (Bundesverband der Deutschen Luftverkehrswirtschaft, BDL), formed by the different partners in the Aviation Value Chain: Airlines, Airport, Air Navigation Service Providers. The BDL stands up for strengthening the international competitiveness of Germany as important location for the aviation industry.



**Mr Johann Zemsky**  
**Managing Director Austro Control, Austria**

Johann Zemsky started his career in the Austrian Civil Aviation Administration back in 1973 when he joined as a trainee ATCO and then provided service at the Vienna ACC. Between 1985 and 1990 he was ATS Expert at the Department Air Traffic Management. In 1990 he moved to the Ministry of Transport, Innovation and Technology as Acting Director Air Navigation Services. Johann joined the Austro Control GmbH in 1998 as Deputy Managing Director and a year later he was appointed Managing Director of the organisation.

Johann is actively involved also in European and worldwide ATM in different functions. Currently he is Member of the ANS Board and substitute member of the Network Management Board of EUROCONTROL. Additionally he is a lecturer at the Danube University Krems (Aviation).

Johann holds a master degree in Law from University of Vienna. He also holds a Private Pilot Licence.



**Mr Richard S. Deakin**  
**Chief Executive Officer NATS, UK**

Richard Deakin was appointed as Chief Executive Officer of NATS UK's privatised National Air Traffic Services on 1 April 2010. Richard is responsible for the 24/7 service operation employing 5000 staff and providing an air navigation service in UK and North Atlantic airspace for 2.4m flights per annum.

He was previously Senior Vice President of Thales Group's Air Systems Division based in Paris, where he was responsible for a £1.8bn division covering air defense, ballistic missile defense, radar and air traffic management systems and employed 7000 staff across the world.

Richard has over 20 years' experience of major programmes in the aerospace and defence industry sector. Richard's career started as an engineering apprentice at BAE Systems, where he spent 17 years in a number of roles, latterly as Vice-President Commercial Aerospace, based at Farnborough.

Moving to TRW Aeronautical Systems as European Operations Director, Richard ran nine factories in the UK, France and Germany producing high precision aerospace systems. Before joining Thales in 2004, Richard spent several years as Group Director Programmes with GKN Aerospace Services.

A Chartered Engineer, Richard holds a first class honours degree in Aeronautical Engineering from Kingston University and an MBA from Cranfield School of Management. He is also a Fellow of the Royal Aeronautical Society, and was awarded an Honorary Doctorate in Engineering from Kingston University in January 2008.



**Mr Massimo Garbini**  
**Chief Executive Officer ENAV S.p.A., Italy**

Massimo Garbini started his career in aviation joining the Italian Air Force (ITAF) in 1976. In 1979 he started to work as an Air Traffic Controller at Verona-Villafranca airport and later, from 1984 to 1988, he was appointed Supervisor of Ab-initio and Advanced ATCOs courses at the ITAF-ATC Training Centre.

In 1988, he moved to the ITAF-Telecommunication and Air Navigation Services Division contributing to the implementation of FUA (Flexible Use of Airspace) operations in Italy.

In 1991, he joined ENAV as Area Radar ATCo at Rome ACC and later, in 2002, he was appointed Head of Bologna Tower/Radar Approach Center. His career took a definitive management orientation in 2003 when he was initially appointed as Head of Milano's Hub, and later on as Director of ENAV Airports Operations and, in 2006, as ENAV Director Operations.

He was also chairing the EUROCONTROL OCG (Operations Coordination Group) from 2007 until 2009 when he was appointed ENAV Director General and CEO of TechnoSky (an ENAV Company).

Since 2011 he has been the Chairman of the European CANSO CEO Committee (EC3) and Chairman of the EU ATM Network Management Board.

In November 2011 he has been appointed Chief Executive Officer (CEO) of ENAV S.p.A. by the Italian Minister of Economy and Finance.



### **Mrs Claudia Vîrlan**

#### **Director General of Romanian CAA, Romania**

Claudia Vîrlan has been working for 16 years at Romanian Civil Aeronautical Authority (RCAA). She started in the licensing domain (pilots and air traffic controllers) where, as Licensing National Coordinator, she contributed to the acceptance of RCAA into the Joint Aviation Authority. She represented Romania in various ICAO regional planning groups. A few years ago Claudia was appointed Director for Supervision of Air Navigation Services. In this role she was deeply involved in the approval and oversight of the safety management system into the air navigation services.

During her service at the RCAA, Claudia was endorsed as an ICAO SSP instructor and built the National Safety Programme for Romania. Now, as the Director General of Romanian CAA, she is responsible to manage this Programme and further contribute to the implementation of the proactive measures in the area of safety and the Continuous Monitoring Approach programme of ICAO.



### **Mr Maurice Georges**

#### **Chief Executive Officer DSNA, France**

Maurice Georges has been a Director of Air Navigation Services (DSNA) since July 2009.

He occupied various posts within DSNA. He served as Chief of Charges and Management Control Department within Finance sub-directorate from September 1996 to August 1999. From September 1999 to March 2005 he served engineering posts within the Operations Directorate: as Head of Brest ACC until August 2003, then as an international relationships advisor. He occupied posts within the DSNA Headquarters from April 2005 to December 2007 as director's staff (cabinet) for one year and as a Planning and Strategy sub-director. Maurice has been a Deputy Chief of the Operations Director, then a Director of Operations from January 2008 to June 2009.

Mr Georges is a Graduate of the Ecole Normale Supérieure and engineer of Ponts, des Eaux et des Forêts.



### **Mr Daniel Weder**

#### **Chief Executive Officer skyguide, Switzerland**

Daniel Weder, who was born in 1957, can draw on more than 30 years of professional experience within the aviation sector. He also completed an MBA at the IMD in Lausanne in 1999. In his Swiss military career he achieved the rank of captain, and served with a Swiss Air Force radar unit.

With his extensive career at Swissair and its successor SWISS, Daniel Weder was an integrative figure in the new Swiss airline's challenging early years. He was closely involved in resolving several crisis situations, and – particularly in his capacity as Head of Marketing & Services – was a key player in SWISS's restructuring and subsequent development. He concluded his SWISS career as Managing Director Airport Services & Operations Steering before moving to skyguide in October 2007.

Since joining Switzerland's air navigation service provider, Daniel Weder has been committed to ensuring skyguide's strong positioning within the Single European Sky, the endeavour to harmonise and thereby bring greater efficiency to the continent's air traffic services. As well as serving as skyguide's CEO, he holds several further key positions on international industry bodies, including chairing the strategy committee of the Functional Airspace Block Europe Central (FABEC) project to create a single airspace block in the heart of the continent. In this capacity he also sits on the Aviation Platform established by the European Commission and headed by European Commissioner for Transport and Vice President Siim Kallas. The forum was created in the wake of the volcanic ash cloud crisis of spring 2010, and is intended to coordinate Europe-wide all future actions that may have a direct impact on the continent's aviation.

Daniel Weder is married and lives in Birchwil.



### **Mr Bogdan Donciu**

**Adviser of Romanian Minister of Transport  
Deputy Director General ROMATSA, Romania**

Bogdan Donciu holds presently the position of personal aviation adviser of Romanian Minister of Transport and Deputy Director General of Operations in ROMATSA.

Bogdan is actively involved in Aviation, mainly ATM, since he graduated with a Master Degree from the Polytechnic Institute in Bucharest in 1993. He is an acting chartered Quality Auditor and as from 2011 was granted a Ph.D. in Aeronautical Engineering.

He started his career in civil aviation in 1994 as an area air traffic controller, gaining first-hand ATS background and instructional experience. In 2000, he moved to the Safety and Quality Division of the Romanian ANSP, as a safety and quality expert, and was later on promoted to Director of Safety and Quality Division. Bogdan was appointed subsequently to various executive positions such as Director General of the Romanian Civil Aviation in the Ministry of Transport, CEO and President of the ROMATSA Board of Administrators.



### **Prof. Chris Johnson**

**University of Glasgow, UK**

Chris Johnson is Professor of Computing Science at the University of Glasgow. His research helps to develop cost-effective techniques for risk management in safety and security-critical applications. He is co-chair of the SESAR Scientific Advisory Board.

In 2010, he received the International Systems Safety Society's Award for research innovation. In 2011, he worked with teams from both NASA and ESA on safety assessment techniques for the International Space Station. He has worked with many European ANSPs; most recently providing advice on the cyber-security threats for air traffic infrastructures. He has more than 200 peer reviewed publications and has held fellowships from both NASA and the US Air Force.



### **Mr Tom Lintner**

**President and CEO of The Aloft Group LLC & Aloft Aviation Consulting, Ltd, Ireland**

Tom Lintner is currently the President and CEO of two international aviation consulting firms - The Aloft Group in the United States and Aloft Aviation Consulting in Ireland - with clients in the US, Europe and the Middle East.

Following his retirement from the FAA after 30 years of high-level leadership in Air Traffic Operations and Safety across the United States, he collected a cadre of highly experienced professionals to support enhancing aviation on a global basis. By forming a team of experienced and passionate people who wish to share their knowledge to make the next generation better, Aloft is reinventing consultancy.

In addition to Aloft activity, Tom, a licensed Airline Transport Pilot and former FAA accident investigator, also instructs in technically advanced aircraft and serves as a consultant to the US Department of Justice in litigation activity. Born and raised in New York, he is a citizen of Ireland and actively engaged in European Safety efforts.



### **Mr Petros Stratis**

**Safety Expert DCAC, Cyprus**

Petros Stratis graduated from university with a degree in Electronic Communication Engineering and went on to work, first in the electronics retail industry and then in the teaching profession as a tutor of Management Information Systems.

In the mid-nineties he joined the Department of Civil Aviation (DCA) of Cyprus to train as an air traffic controller, gradually obtaining licences for all the ATC ratings in Cyprus, including the ones for Nicosia ACC. Today, he is still an active radar air traffic controller and also a qualified auditor in the National Supervisory Authority, specialising in the safety oversight of changes. For the last five years, he is mostly involved in the various DCA Single European Sky harmonisation programmes and is the national project manager for the BLUE MED FAB initiative. He is also the project's Work Package Leader for Safety, responsible for delivering the FAB Safety Case, in close collaboration with EUROCONTROL.

In his free time he enjoys playing football and practicing photography.



### **Mr Kornél Szepessy**

#### **Chief Executive Officer HungaroControl, Hungary**

Kornél Szepessy has been at the head of Hungarian Air Navigation Services since July 2010, the business transformation of the company and the dynamic development of its services has started along the up-to-date strategy worked out by him. Having a degree in engineering, being qualified in economics and in crisis management, he has been working in the transport sector for more than ten years and has gained experience in all fields of aviation.

At the turn of the millennium, as being the manager of unique projects at the Hungarian State Privatisation and Property Holding Company, he was engaged *inter alia* in the property management of the airline MALEV. Following that, as a counselling and operative project leader, he participated in setting up the company operating the Budapest international airport and in transforming HungaroControl into an individual company. Then, as a Chief Strategy and Development Officer, he contributed to stabilizing the operation of Budapest Airport Plc. (2001-2002).

Later he participated in the reorganisation of several big transport companies of Hungary, while running the management counselling company established by him. Between 2008 and 2010, as a strategic counsellor, he assisted HungaroControl in the preparatory work of its development.



### **Mr Jos Wilbrink**

**Ministry of Infrastructure and the Environment, The Netherlands**

Sr. Officer International Affairs and former chairman SRC/co-chair of the SAFREP Task Force Jos Wilbrink started to work with the Netherlands Aerospace Laboratory (NLR). In 1990 he joined the CAA The Netherlands. He sat on the JAA Research Committee and later became its chairman.

In 1997 he was appointed Head of Flight Technical Affairs, involved in several projects such as cross- and tailwind criteria. In 2004 he was appointed Director of the Aerodromes and ANS Inspectorate Division, responsible for the certification and ongoing oversight of the Dutch ANSPs (LVNL, MUAC) and airports (e.g. Schiphol Amsterdam Airport). He was also appointed Head of the Dutch National Supervisory Authority.

Jos joined EASAs European Aviation Safety Advisory Committee (EASAC) which produced the first versions of the European Aviation Safety Programme and Plan.

In 2003 he became SRC Commissioner for The Netherlands and its chairman 2008 – 2010. As chairman of the SRC he was also co-chairing EUROCONTROL's SAFREP Task Force, together with Mr Erik Merckx.

Jos held a private pilot license for almost 25 years.



### **Mr Tony Licu**

#### **Head of Safety Unit, DNM/NOM, EUROCONTROL**

Tony is Head of Safety Unit within Network Manager Directorate of EUROCONTROL. He leads the deployment of safety management and human factors programmes of EUROCONTROL. He has extensive ATC operational and engineering background (master degree in avionics).

He joined EUROCONTROL's Safety Regulation Unit in 1999, where he was responsible for developing and supporting the implementation of several ESARRs (EUROCONTROL Safety Regulatory Requirements). Since 2004, he moved to the Agency safety management side where he has managed the pan-European Safety programmes such as the Strategic Safety Action Plan (SSAP) and the European Safety Programme for ATM (ESP) implementation.

A key area of focus is Just Culture, where Tony's aim is to clarify and promote the concept. In this respect, he leads the initiative to develop Safety performance indicators for Europe. He had particular technical personal developments e.g. Tools and methods to investigate aviation incidents and accidents, how to mitigate and work under degraded modes of operations and development of contingency plans etc.

Tony has received several awards and nominations to awards during his career, most notably he received the Janes' Magazine award for the best ATM programme in Europe in 2007. In 2011 he received EUROCONTROL 2<sup>nd</sup> award for excellence for his contribution to the Agency work in 2010. Tony has communicated several scientific papers in various international fora and has published in different International journals.

Tony is a member of Royal Aeronautical Society.



**Dr Frédéric Lieutaud,  
ES<sup>2</sup> Project Manager, Safety Unit, DNM/NOM, EUROCONTROL**

Frédéric is working in Safety Unit within Network Manager Directorate of EUROCONTROL. He leads several projects, involves in support to ANSPs and FAB, matter expert and coordination for Safety Survey and is EUROCONTROL representative for the ICAO SMP (Safety Management Panel) managed by European Commission DG/MOV. He is an experienced ATM safety expert and has extensive Aerospace practical and engineering background in risk management and Quality Management System.

He joined EUROCONTROL's Safety Unit DAP/SSH in June 2007, where he was working for developing and supporting the implementation of SMS (Safety Management System), Safety Assessment and Survey for ANSPs and EUROCONTROL programme. Before, he was consultant for French Company and led various project in ATM and Space domain with EUROCONTROL, the European Commission, the Agency for the Safety of Air Navigation in Africa and Madagascar (ASECNA), the European Space Agency (ESA) and the Centre National d'Etudes Spatiales (CNES).

Since June 2011, he leads the Experience Sharing to Enhanced SMS project (ES2, formerly SASI). He involved in SASI (Support to ANSPs for SMS Implementation) from the beginning in 2004 and strongly contributed to the development of the EGSMM (Eurocontrol Generic Safety Management Manual).

Frédéric leads the Automatic Safety Monitoring Tool project (ASMT) and its deployment, Cost of SMS and Governance Principles of Management Systems, involves in support to ANSPs safety programme (BiH, DHMI, NATA, Cyprus...) and FABs (FABEC, DANUBE, BLUEMED), leads FABCE support and safety assessment.

Frédéric has been part of the EUROCONTROL team in receive of the Janes' Magazine award for the contribution to the best ATM programme in Europe in 2007. Frédéric has communicated several scientific papers in international fora for ASMT and has published in different International journals during his PhD.

# ADDITIONAL INFORMATION

## Conference Coordination Contacts

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## Further information on EUROCONTROL's safety activities

[www.eurocontrol.int/safety](http://www.eurocontrol.int/safety)





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