Supporting European Aviation

EUROCONTROL

European Aviation Network Challenge

IFATCA European regional meeting – ERM2023

Iacopo PRISSINOTTI

Director Network Management

18 October 2023

CONSORTIUM COORDINATOR
sesar
DEPLOYMENT MANAGER

FOUNDING MEMBER
sesar
JOINT UNDERTAKING

NETWORK MANAGER

Analysis of summer 2023

We knew **Summer** 2023
would be a **challenge**

EUROCONTROL

SUMMER 23 will not be GREAT we need to make it MANAGEABLE

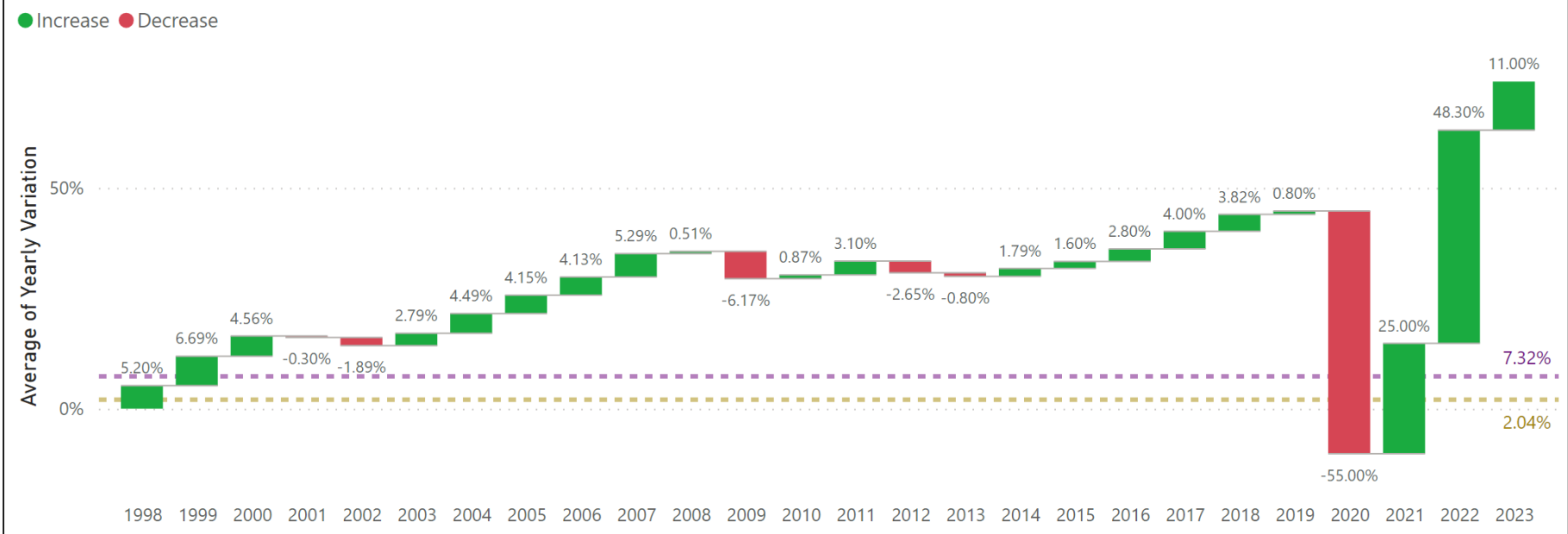**2023** will be an important test to demonstrate **AVIATION INDUSTRY MATURITY**

Summer **2023**

7% more traffic

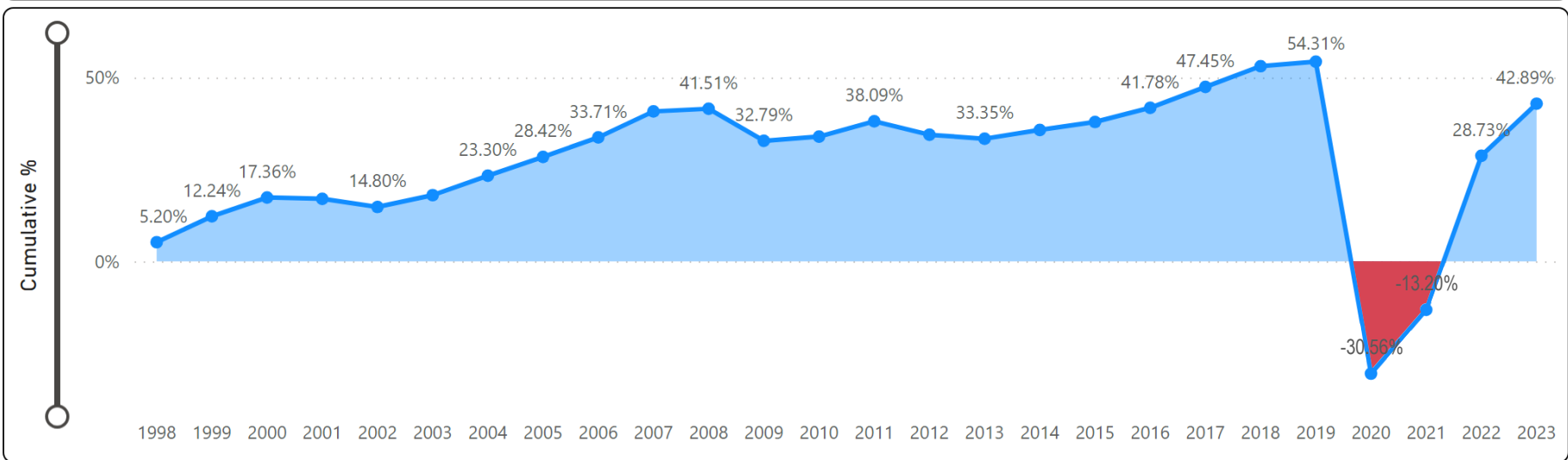**18%** less delay per flight without the weather

Strong collaboration and partnership
ensured a

MANAGEABLE SUMMER 2023

in the European Aviation Network

How we achieved **MANAGEABLE SUMMER 2023** ✓

NOP

Rolling NOP

Joint Approach

How we achieved **MANAGEABLE SUMMER 2023** ✔

| NOP | Rolling NOP | Joint Approach |

- Early finalisation
- More than 100 bi-lateral and multi-lateral meetings
- Agreed network measures
- Agreed remedial measures
- Detailed preparation of major transition projects and military exercises
- Approximately 100 packages of airspace improvements

How we achieved **MANAGEABLE SUMMER 2023** ✓

NOP	Rolling NOP	Joint Approach

- Expansion to 8 weeks Rolling NOP
- Agreed actions followed up through the Monday NDOP Teleconferences
- Several meetings per week with ANSPs to address hotspot areas
- Enhanced accuracy of traffic outlook
- Detailed follow up of transition plans
- Adjustment of network measures

This is a result of strong cooperation and partnership between EUROCONTROL and the Operation Stakeholders

Summer 2023 Joint Approach

PRIORITISING FIRST ROTATION

REDUCTION of 20.4% of First Wave delays vs 2022, despite 7% increased traffic

DISCIPLINED FLIGHT PLAN EXECUTION

7% **REDUCTION** in unplanned entries into regulated airspace vs Summer 2022

DELIVERING AGREED CAPACITIES

Average **REDUCTION** of 6.7% of departure delays as a result of en-route ATFM delays

REALISTIC SCHEDULES, INCLUDING TURNAROUND TIMES

AOs **REDUCED** their turnaround time excess by 12% vs 2022

LESSONS
L E A R N T

| Weather | Operational flexibility | Airlines scheduling |

Preparations for summer 2024

Summer 2024

EUROCONTROL is committed to a **robust plan** to address the lessons learned from **summer 2023** and to prepare **summer 2024** in full partnership with all operational stakeholders

LESSONS LEARNT

WAY FORWARD

Weather	**Operational flexibility**	**Airlines scheduling**

- **Build a network forecast approach**

- **Improve common weather procedures**

LESSONS LEARNT

WAY FORWARD

| Weather | **Operational flexibility** | Airlines scheduling |

- **Improve ops staff flexibility**

- **Adapt to the Rolling NOP**

- **Develop airspace improvements**

- **Improve preparation of major events and military exercises**
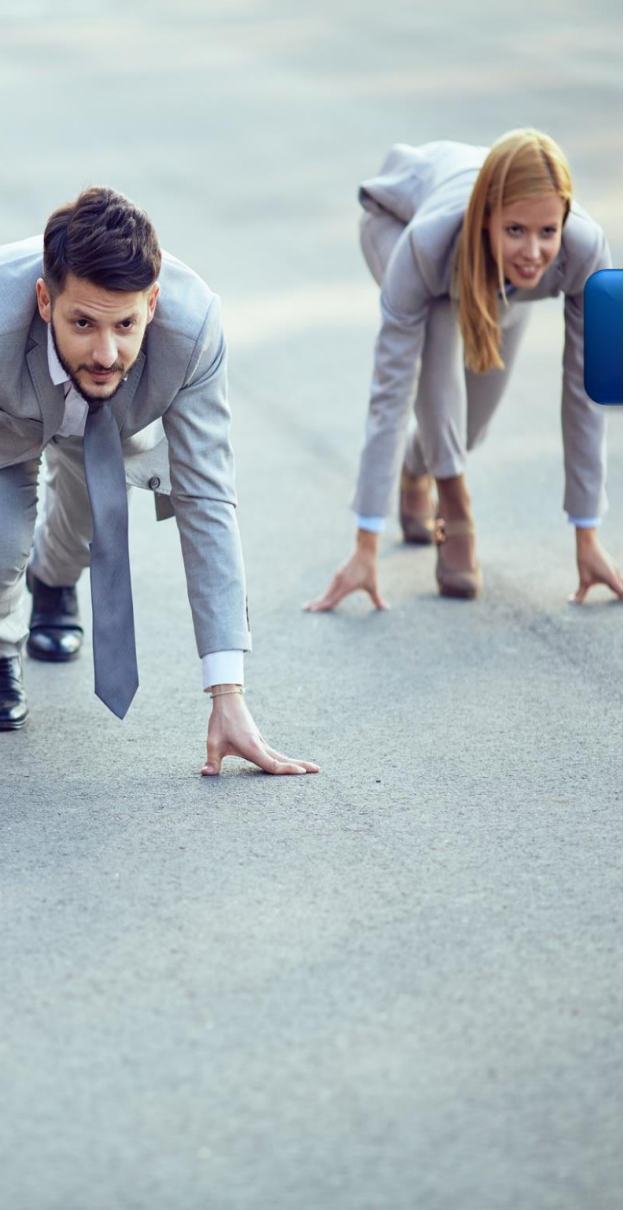
LESSONS LEARNT

WAY FORWARD

| Weather | Operational flexibility | **Airlines scheduling** |

- **Continued focus on turnaround**

- **Realistic scheduling, operationally driven**

Summer 2024 preparation

NOP

Rolling NOP

Prioritising first rotation

Disciplined flight plan execution

Delivering agreed capacities

Realistic schedules, including turnaround times

Adverse weather management

iNM update

EUROCONTROL

iNM

ON TIME

ON SCHEDULE

ON BUDGET

iNM PROGRAMME **WAVES**

WAVE 1
Nov 24

Initial IDL (Integrated Data Layer)
Limited to AIS Data Maintenance

Digital NOTAM
CP1 compliant, early adopters only

WAVE 2 + 2.1
May & Nov 25

Partial IDL
Integrating EAD

IFPS & ETFMS re-platforming

Dynamic Network Plan
Editor & Viewer

Crisis Management
EVITA, AIREP, Portal, Narrator

NMUI
New NM User Interface
built on NMP consultations

WAVE 3+
2026/2027

Full IDL
Integrating CACD

Airspace Management

Network Performance
Simulation & Network Impact

Integrated Flight & Flow
Single flight view

NMUI evolutions
CHMI & EHMI replacement

Data Services
Business Intelligence

Going live from New OPS room

30 OCTOBER 2023

START OF iNM OPERATIONS

15 MAY 2025

SHADOW iNM OPERATIONS

29 NOVEMBER 2023

- OPS User testing ongoing
- Familiarisation 14 Sep to 16 Oct
- Shadow OPS 17 Oct to 29 Oct
- EASA notified on change end of July
- Approval process and timeline agreed
- Safety support case under development
- **Transition 30/31 Oct on track**

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