



Performance Review Body Monitoring Report

MUAC - 2021

This report is automatically generated from: sesperformance.eu

**COPYRIGHT NOTICE
AND DISCLAIMER**

© European Union, 2025

This report has been prepared for the European Commission by the Performance Review Body of the Single European Sky (PRB).

Reproduction is authorised provided the source is acknowledged. However, neither the European Commission, nor any person acting on its behalf, may be held responsible for the use which may be made of the information contained in this publication, or for any errors which may appear, despite careful preparation and checking.

TABLE OF CONTENTS

1	OVERVIEW	3
1.1	Contextual information	3
1.2	Safety	3
1.3	Capacity	3
1.4	Cost-efficiency	4
2	SAFETY - MUAC	4
2.1	PRB monitoring	4
2.2	Effectiveness of Safety Management (EoSM) (KPI#1)	4
2.3	Safety occurrences	4
3	CAPACITY - MUAC	5
3.1	PRB monitoring	5
3.2	En route performance	6
4	COST-EFFICIENCY - MUAC	6
4.1	PRB monitoring	6
4.2	Total costs	7

1 OVERVIEW

1.1 Contextual information

Provision of ATC services in the upper airspace across four States

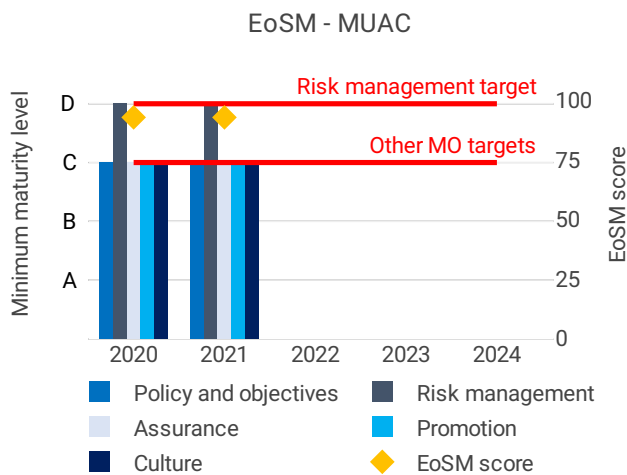
Belgium/Luxembourg
Germany
Netherlands

Allocation of actual en route costs

- Belgium/Luxembourg 34%
- Germany 47%
- Netherlands 19%

ACC Maastricht UAC

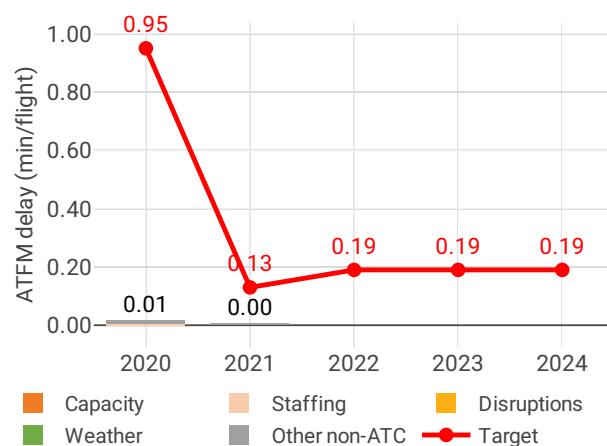
1.2 Safety



- MUAC has continued demonstrating good safety performance and maintained the safety levels achieved in the previous year, remaining at the EoSM target levels.

1.3 Capacity

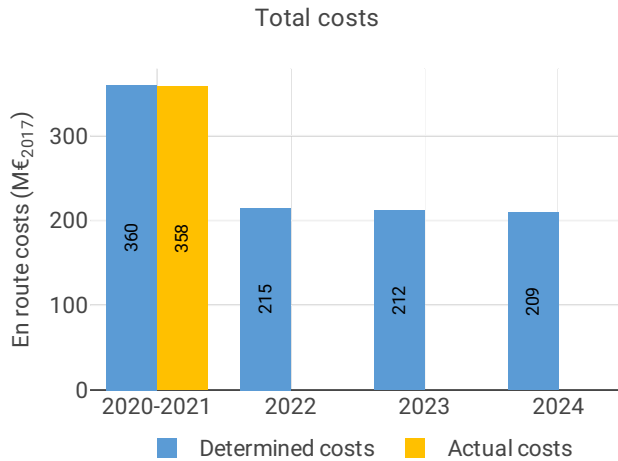
Average en route ATFM delay per flight by delay groups



- Maastricht UAC registered zero minutes of average en route ATFM delay per flight during 2021, contributing positively to achieving the national targets of Belgium/Luxembourg, Germany, and the Netherlands.

- The average number of IFR movements was on average 50% below 2019 levels for MUAC.

1.4 Cost-efficiency



- MUAC 2020-2021 actual costs amounted to 358 M€2017, -0.6% lower than the determined costs for the combined year 2020-2021 (360 M€2017).

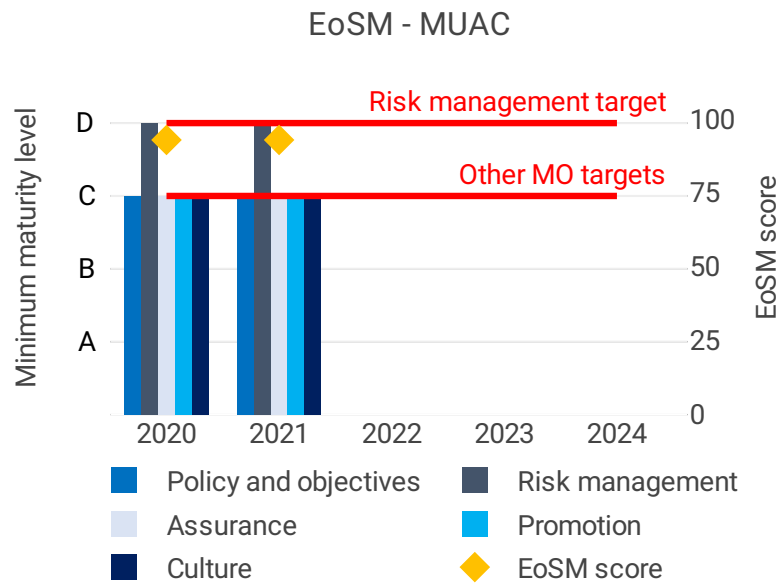
- Actual 2020-2021 MUAC costs were allocated across the four Member States in the following way: Belgium 33%, Luxembourg 1%, Germany 45%, the Netherlands 21%.

2 SAFETY - MUAC

2.1 PRB monitoring

- MUAC has continued demonstrating good safety performance and maintained the safety levels achieved in the previous year, remaining at the EoSM target levels.

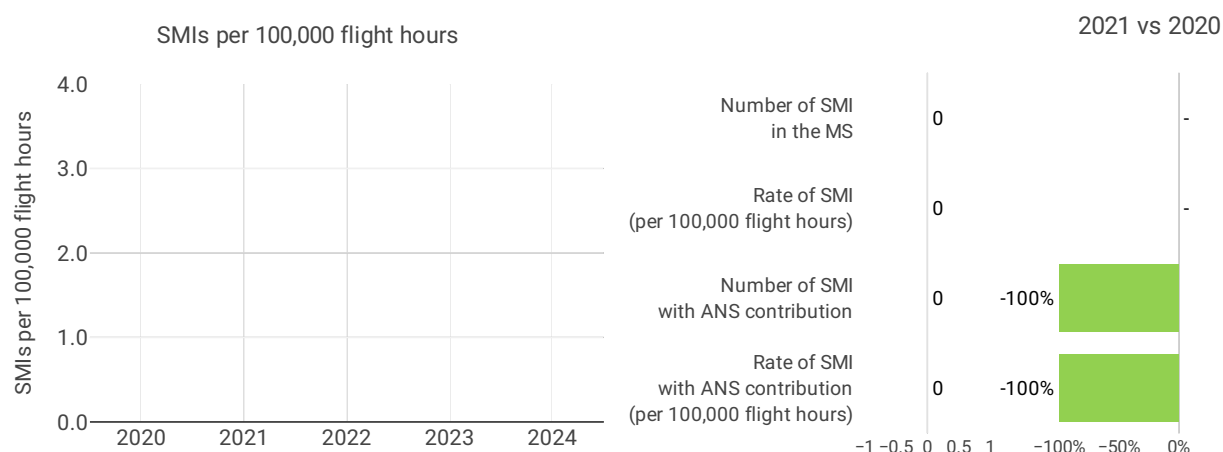
2.2 Effectiveness of Safety Management (EoSM) (KPI#1)



Focus on EoSM

2.3 Safety occurrences

2.3.1 Rate of separation minima infringements (SMIs) (PI#2)



Rate of SMI with ANS contribution per 100,000 flight hours

#	ANSP	Flight hours					Number of SMIs				
		2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
1	MUAC	289,985	311,843	NA	NA	NA	5	0	NA	NA	NA

#	ANSP	Rate of SMI per 100,000 flight hours					% variation in rate of SMIs				
		2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
1	MUAC	1.7	0.0	NA	NA	NA	NA	-100%	NA	NA	NA

Focus on separation minima

2.3.2 Quality of occurrences reporting

3 CAPACITY - MUAC

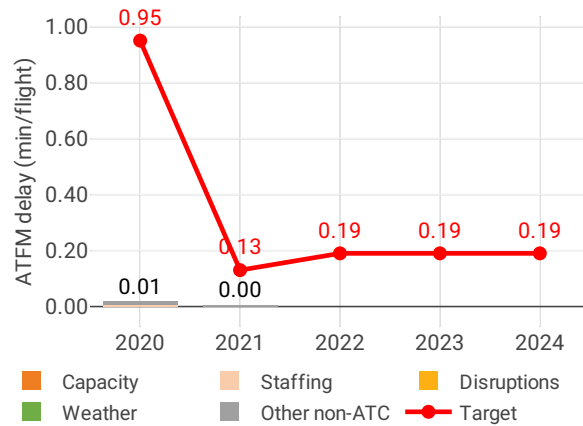
3.1 PRB monitoring

- Maastricht UAC registered zero minutes of average en route ATFM delay per flight during 2021, contributing positively to achieving the national targets of Belgium/Luxembourg, Germany, and the Netherlands.
- The average number of IFR movements was on average 50% below 2019 levels for MUAC.

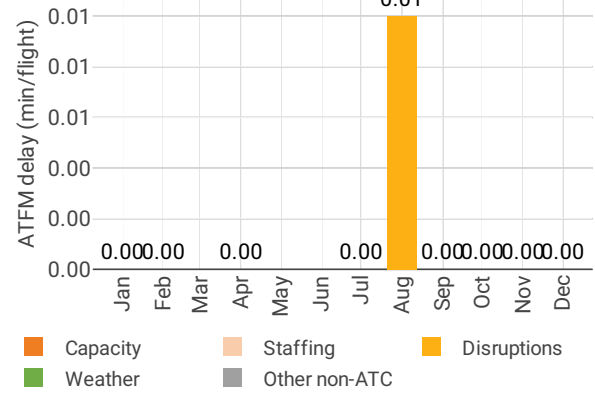
3.2 En route performance

3.2.1 En route ATFM delay (KPI#1)

Average en route ATFM delay per flight by delay groups

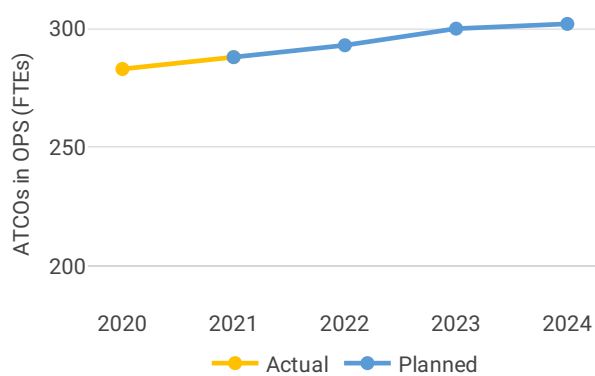


Monthly distribution of en route ATFM delay by delay groups - 2021

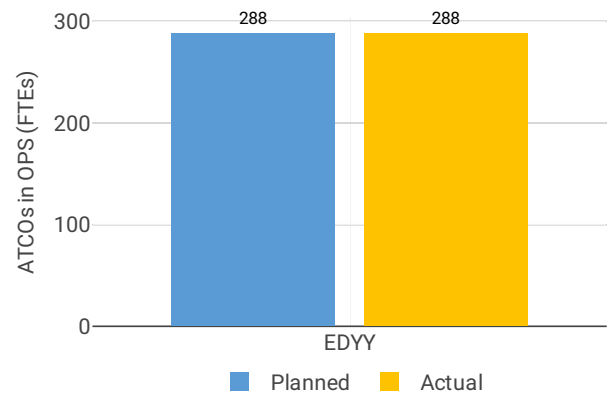


3.2.2 Other indicators

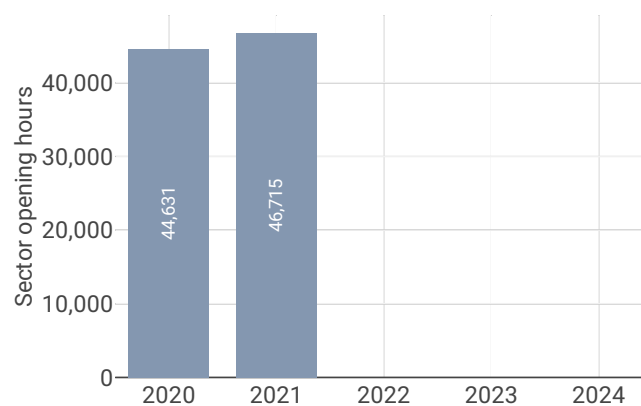
ATCOs in operation - MUAC



ATCOs in operation per ACC - 2021



Sector opening hours - MUAC



4 COST-EFFICIENCY - MUAC

4.1 PRB monitoring

- MUAC 2020-2021 actual costs amounted to 358 M€2017, -0.6% lower than the determined costs for the combined year 2020-2021 (360 M€2017).

- Actual 2020-2021 MUAC costs were allocated across the four Member States in the following way: Belgium 33%, Luxembourg 1%, Germany 45%, the Netherlands 21%.

4.2 Total costs

