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Ms Christine BERG
Head of Unit Single European Sky
DG Mobility and Transport
European Commission

By email: christine.berg@ec.europa.eu

Dear Ms Berg,

In view of the adoption of the revised European Union-wide performance targets for RP3 I am pleased to communicate the local breakdown (reference) values for the key performance areas of capacity and environment. These reference values are required for the assessment by the Commission of the consistency of the local capacity and environment performance targets with the corresponding Union-wide performance targets.

The attached breakdown values ([Appendix 1](#)) for the key performance area of capacity are to be understood as the **en route ATFM delay reference values** within the meaning of point 1.3 of Annex IV of Implementing Regulation (EU) 2019/317. The calculation of those breakdown values is based on the following approach:

- The methodology used was approved by the Network Management Board and is included in the European Network Operations Plan 2013-2015 – Edition June 2013 – Capacity Assessment and Planning Guidance;
- The traffic forecast used is the Scenario 2 of the EUROCONTROL STATFOR forecast published in November 2020;
- The reference values are based on the latest agreed capacity performance measurements for Summer 2019;
- The reference values are defined per ACC/ANSP and FAB; when there is only one ACC per ANSP, only the ACC value is provided;
- Those values will be also published in the Network Operations Plan for the period 2022-2024 that will be finalised in October 2021.

The attached breakdown values ([Appendix 2](#)) for the key performance area of environment are to be understood as the en route horizontal flight efficiency reference values within the meaning of point 1.2 of Annex IV of Implementing Regulation (EU) 2019/317. The calculation of those breakdown values is based on the following approach:

SUPPORTING EUROPEAN AVIATION

Member States: Albania, Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom.

Comprehensive Agreement States: Israel, Morocco.



NETWORK
MANAGER



- The methodology used is the EUROCONTROL PRU methodology available on <https://ansperformance.eu/methodology/horizontal-flight-efficiency-pi>
- Latest achieved performance and implementation of major airspace changes, notably Free Route Airspace and cross-border Free Route Airspace;
- Those values will be also published in the European Route Network Improvement Plan (ERNIP) Part 2 – ARN Version 2021-2030 that will be finalised in June 2021.

Yours sincerely,



Iacopo Prissinotti
Director Network Management

Appendix 1 – En-route ATFM Delay Reference Values

En-route Air Traffic Control Centres (ACCs)

EU Target		0,35	0,5	0,5	0,5
Year		2021	2022	2023	2024
Brussels	EBBUCTA	0,07	0,12	0,13	0,12
Langen	EDGGACC	0,11	0,15	0,15	0,15
Munchen	EDMMACC	0,06	0,10	0,11	0,11
Karlsruhe	EDUUACC	0,15	0,20	0,20	0,20
Bremen	EDWWACC	0,08	0,10	0,11	0,11
Maastricht	EDYYACC	0,13	0,19	0,19	0,19
Tallinn	EETTCTA	0,01	0,03	0,03	0,03
Helsinki	EFINCTA	0,03	0,05	0,05	0,05
Amsterdam	EHAActa	0,06	0,09	0,09	0,10
Dublin	EIDWCTA	0,01	0,03	0,03	0,03
Shannon	EISNCTA	0,01	0,03	0,03	0,03
Kobenhavn	EKDKCTA	0,03	0,06	0,06	0,05
Bodo	ENBDCTA	0,03	0,05	0,05	0,05
Oslo	ENOSECTA	0,05	0,10	0,10	0,09
Stavanger	ENOSWCTA	0,04	0,07	0,07	0,07
Warszawa	EPWWCTA	0,07	0,12	0,12	0,12
Malmo	ESMMACC	0,04	0,07	0,08	0,08
Stockholm	ESOSACC	0,02	0,03	0,03	0,03
Riga	EVRRCCTA	0,01	0,03	0,03	0,03
Vilnius	EYVCCTA	0,01	0,03	0,03	0,03
Canarias	GCCCACC	0,13	0,20	0,20	0,20
Sofia	LBSRACC	0,04	0,08	0,07	0,08
Nicosia	LCCCCTA	0,1	0,16	0,15	0,15
Zagreb	LDZOCTA	0,09	0,16	0,17	0,17
Barcelona	LECBACC	0,11	0,18	0,18	0,18
Madrid	LECMACC	0,08	0,13	0,13	0,13
Palma	LECPCTA	0,09	0,14	0,14	0,13
Sevilla	LECSCTA	0,06	0,10	0,09	0,09
Bordeaux	LFBBACC	0,08	0,13	0,13	0,13
Reims	LFEEACC	0,12	0,20	0,19	0,19
Paris	LFFFACC	0,06	0,08	0,08	0,08
Marseille	LFMMACC	0,12	0,18	0,18	0,18
Brest	LFRRACC	0,1	0,14	0,14	0,14
Athinai	LGGGCTA	0,08	0,12	0,13	0,13
Makedonia	LGMDCTA	0,07	0,11	0,11	0,11

En-route Air Traffic Control Centres (ACCs)

EU Target		0,35	0,5	0,5	0,5
Year		2021	2022	2023	2024
Budapest	LHCCCTA	0,06	0,11	0,11	0,11
Brindisi	LIBBCTA	0,02	0,03	0,03	0,03
Milano	LIMMACC	0,05	0,08	0,08	0,08
Padova	LIPPCTA	0,05	0,09	0,09	0,09
Roma	LIRRACC	0,04	0,07	0,06	0,07
Ljubljana	LJLACTA	0,05	0,09	0,09	0,09
Praha	LKAAACC	0,06	0,11	0,11	0,11
Malta	LMMMCTA	0,01	0,01	0,01	0,01
Wien	LOVVCTA	0,1	0,17	0,17	0,16
Lisboa	LPPCCTA	0,09	0,13	0,13	0,13
Bucuresti	LRBBCTA	0,02	0,04	0,04	0,04
Geneva	LSAGACC	0,1	0,16	0,16	0,16
Zurich	LSAZACC	0,1	0,16	0,16	0,16
Bratislava	LZBBCTA	0,05	0,07	0,08	0,07

ANSPs with more than one En-route Air Traffic Control Centre (ACC)

EU Target		0,35	0,5	0,5	0,5
Year		2021	2022	2023	2024
DFS	ANSP_ED	0,18	0,24	0,25	0,24
IAA	ANSP_EI	0,01	0,03	0,03	0,03
AVINOR	ANSP_EN	0,06	0,11	0,11	0,11
LFV	ANSP_ES	0,05	0,07	0,08	0,08
ENAIRE	ANSP_LE_GC	0,12	0,20	0,19	0,19
DSNA	ANSP_LF	0,18	0,25	0,25	0,25
HCAA	ANSP_LG	0,1	0,14	0,15	0,15
ENAV	ANSP_LI	0,07	0,11	0,11	0,11
SKYGUIDE	ANSP_LS	0,12	0,19	0,19	0,19

FABEC

EU Target		0,35	0,5	0,5	0,5
Year		2021	2022	2023	2024
FABEC	FAB_FABEC	0,27	0,37	0,37	0,37

Appendix 2 – En-route Horizontal Flight Efficiency Reference Values

STATE

State	2021	2022	2023	2024
EU Target	2.37%	2,37%	2.4%	2.4%
Lithuania	1,93%	1,92%	1,92%	1,92%
Poland	1,65%	1,65%	1,65%	1,65%
Cyprus	3,84%	3,84%	3,84%	3,84%
Greece	2,00%	1,92%	1,92%	1,92%
Italy	2,67%	2,67%	2,67%	2,67%
Malta	1,82%	1,80%	1,80%	1,80%
Bulgaria	2,25%	2,25%	2,25%	2,25%
Romania	2,10%	2,05%	2,05%	2,05%
Denmark	1,14%	1,14%	1,14%	1,14%
Sweden	1,05%	1,05%	1,05%	1,05%
Austria	1,96%	1,96%	1,96%	1,96%
Croatia	1,46%	1,46%	1,46%	1,46%
Czech Republic	2,05%	2,05%	2,05%	2,05%
Hungary	1,50%	1,49%	1,49%	1,49%
Slovakia	2,15%	2,13%	2,13%	2,13%
Slovenia	1,55%	1,55%	1,55%	1,55%
Belgium	3,10%	3,05%	3,00%	3,00%
France	2,92%	2,83%	2,83%	2,83%
Germany	2,31%	2,30%	2,30%	2,30%
Netherlands	2,63%	2,62%	2,62%	2,62%
Switzerland	3,95%	3,95%	3,95%	3,95%
Estonia	1,22%	1,22%	1,22%	1,22%
Finland	0,88%	0,88%	0,88%	0,88%
Latvia	1,25%	1,25%	1,25%	1,25%
Norway	1,55%	1,55%	1,55%	1,55%
Portugal (Continental)	1,80%	1,80%	1,80%	1,80%
Spain	3,08%	3,08%	3,08%	3,08%
Ireland	1,13%	1,13%	1,13%	1,13%

FABEC

FAB	2021	2022	2023	2024
EU Target	2.37%	2,37%	2.4%	2.4%
FABEC	3.32%	2.75%	2.75%	2.75%