

Air traffic statistics of the EUR/SAM corridor

2020 REPORT

ENAIRe 

 **SATMA**

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Scope



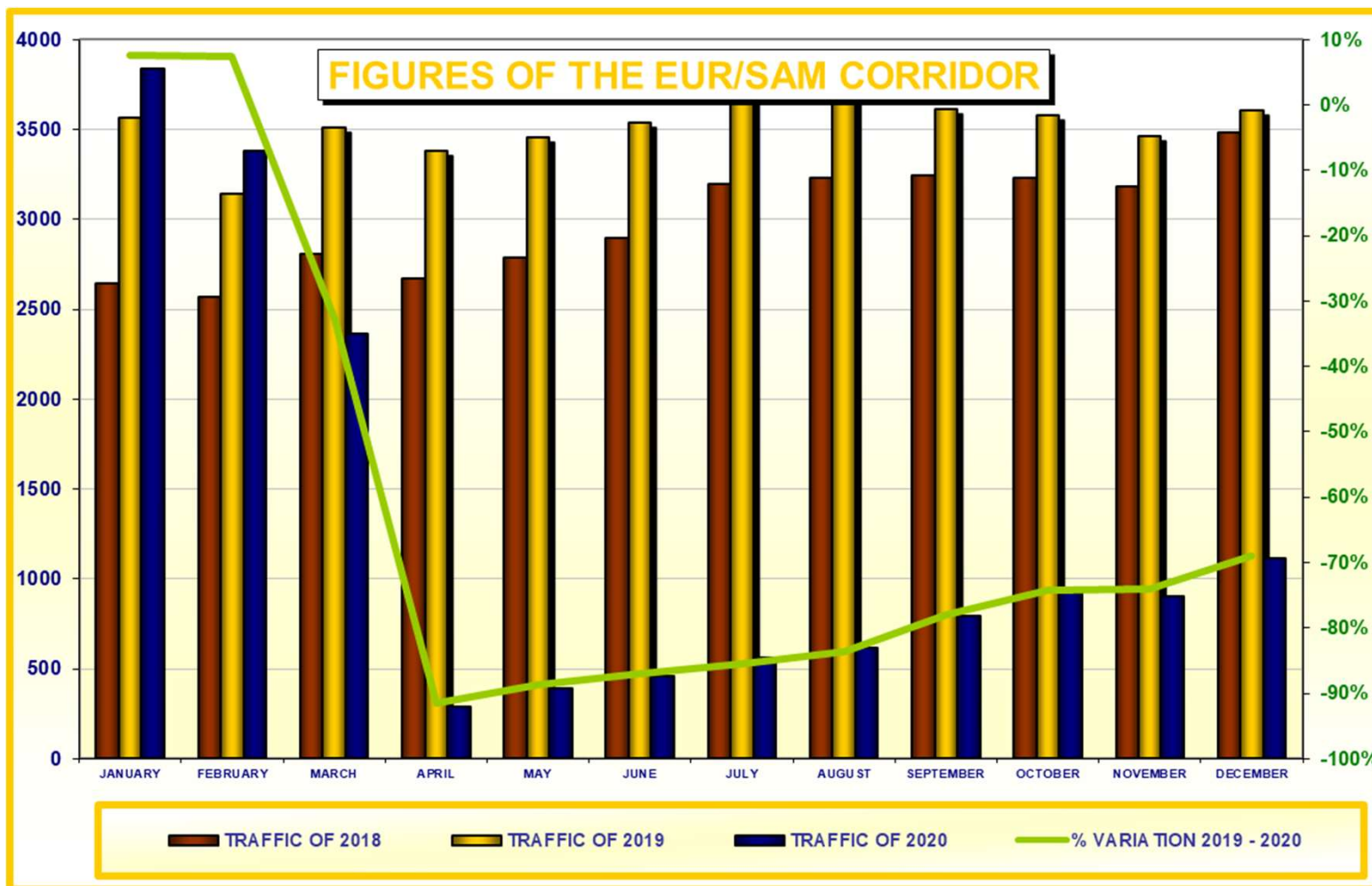
- The necessary flight plan information to perform this study is obtained from PALESTRA (Sub-system of ENAIRE's ATM System :
 - The flight plan data contains initial flight plan information that is updated by radar and controllers with pilot position reports.
 - the air traffic movements reflected in this study are:
 - all traffics using UN741, UN866, UN873 and UN857 whose flight plans contains information about EDUMO, TENPA, IPERA and GUNET waypoints.
 - traffic using the random route.
 - this study does not reflect:
 - **traffic not overflying Canaries FIR/UIR.**
 - data from east-west flows crossing the EUR-SAM corridor.
 - southbound traffic to/ from Cape Verde.

Global figures of the EUR/SAM corridor - 2020



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2019	2020	2019	2020	2018	DAILY	2019	DAILY	2020	DAILY	2018 - 2019	2019 - 2020
JANUARY	1547	1807	2018	2029	2646	88	3565	115	3836	123	35%	8%
FEBRUARY	1550	1662	1595	1717	2569	92	3145	112	3379	116	22%	7%
MARCH	1617	1066	1897	1296	2810	91	3514	113	2362	76	25%	-33%
APRIL	1541	154	1842	133	2673	89	3383	113	287	9	27%	-92%
MAY	1625	212	1830	180	2789	90	3455	111	392	12	24%	-89%
JUNE	1621	204	1919	254	2899	97	3540	118	458	15	22%	-87%
JULY	1810	293	2038	266	3197	103	3848	124	559	18	20%	-85%
AUGUST	1808	316	1949	299	3231	104	3757	121	615	19	16%	-84%
SEPTEMBER	1771	402	1844	392	3246	108	3615	120	794	26	11%	-78%
OCTOBER	1646	447	1933	476	3233	104	3579	115	923	29	11%	-74%
NOVEMBER	1726	418	1740	484	3182	106	3466	116	902	30	9%	-74%
DECEMBER	1833	529	1776	588	3485	112	3609	116	1117	36	4%	-69%
AVERAGE	1675	626	1865	676	2997	99	3540	116	1302	42	19%	-62%

Global figures of the EUR/SAM corridor- 2020



Number of movements

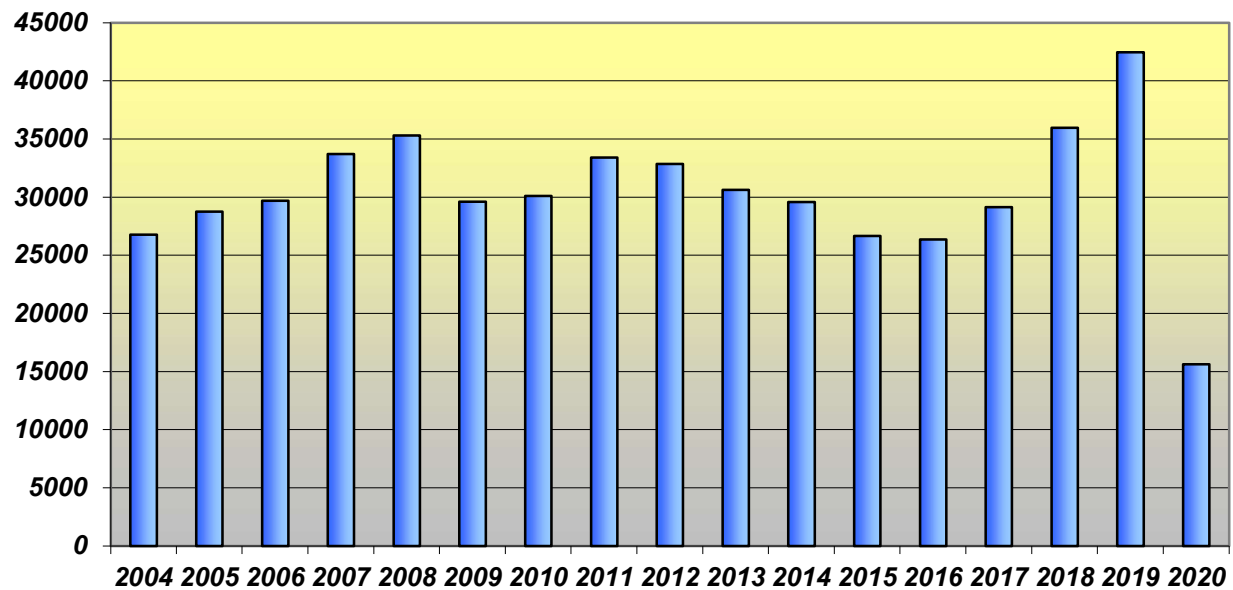


FIGURES OF	SOUTHBOUND	NORTHBOUND	TOTAL TRAFFIC IN THE CORRIDOR	% INCREASE FROM 2004
2004	13108	13685	26793	-
2005	14088	14674	28762	7.3%
2006	14651	15036	29687	10.8%
2007	16704	17004	33708	25.8%
2008	17024	18295	35319	31.82%
2009	14256	15366	29622	10.56%
2010	14083	16019	30102	12.35%
2011	15426	17988	33414	24.71%
2012	15245	17624	32869	22.68%
2013	14778	15867	30645	14.38%
2014	13469	16113	29582	10.41%
2015	11613	15068	26681	-0.42%
2016	12158	14201	26359	-1.62%
2017	13607	15547	29154	8.81%
2018	16896	19064	35960	34.21%
2019	20095	22381	42476	58.53%
2020	7510	8114	15624	-41.69%

Number of movements-2020



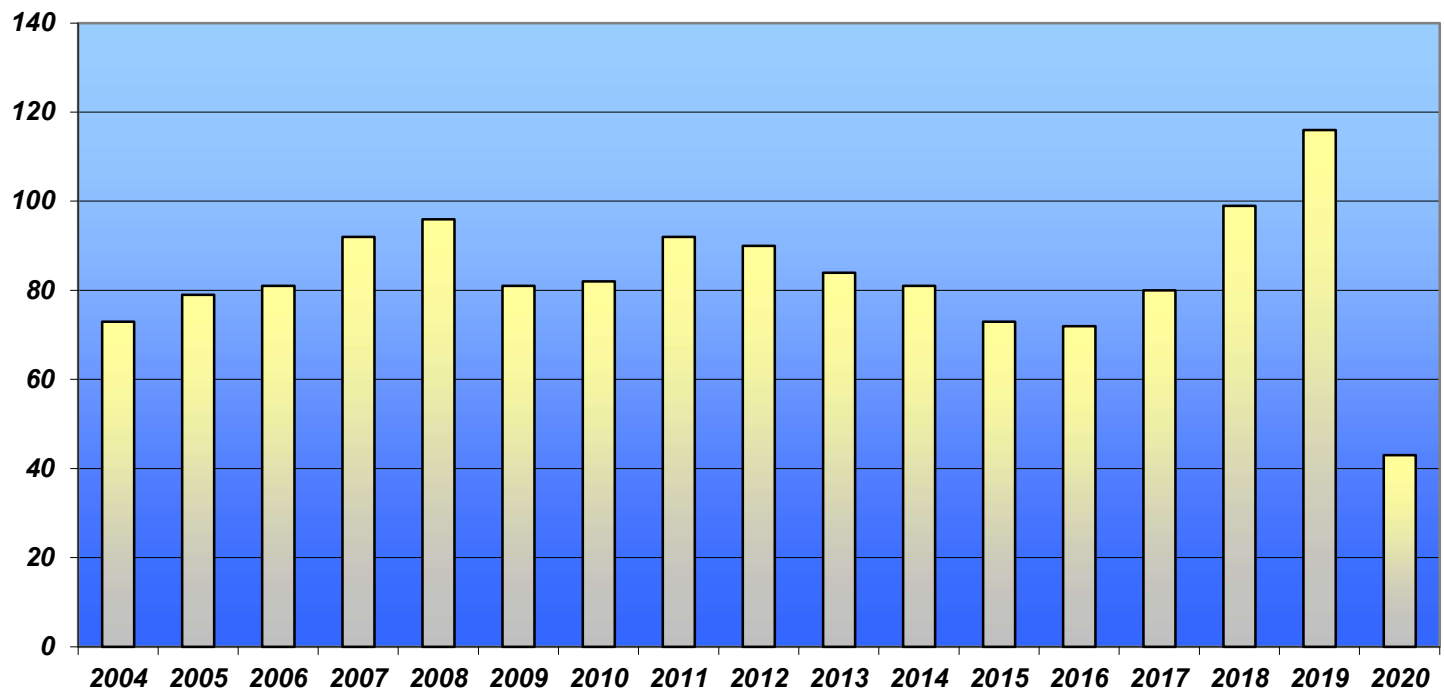
TOTAL TRAFFIC IN THE CORRIDOR



Average daily traffic



DAILY



Traffic per ATS route



	TOTAL	RANDOM ROUTE	UN-741	UN-866	UN-873	UN-857
2004	26793	1052	7179	4960	11219	2383
2005	28762	1413	7220	5534	11609	2986
2006	29687	1429	7935	5037	12442	2844
2007	33708	1424	9039	6389	13484	3372
2008	35319	1399	8486	8113	13314	4007
2009	29622	845	6383	7173	11320	3901
2010	30102	399	5605	7466	12170	4462
2011	33414	261	5999	8129	14172	4853
2012	32869	292	5009	8237	15129	4202
2013	30645	388	4968	6634	14477	4178
2014	29582	2310	3204	5650	13919	4499
2015	26681	2529	2121	5330	13134	3567
2016	26359	2643	1840	4201	14383	3292
2017	29154	2933	1843	4745	16053	3580
2018	35960	3956	2369	5055	19670	4910
2019	42476	4814	2347	6348	23350	5617
2020	15624	2290	935	1995	7883	2521

Daily traffic



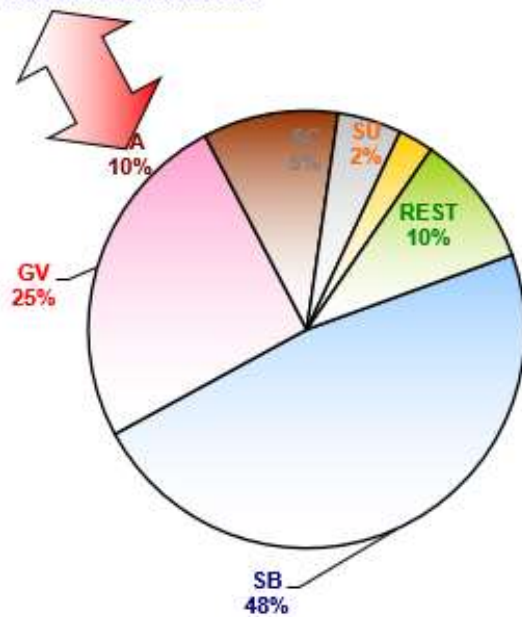
	TOTAL CORREDOR	RANDOM ROUTE		UN-741		UN-866		UN-873		UN-857	
		DAILY	%	DAILY	%	DAILY	%	DAILY	%	DAILY	%
2004	73	3	4%	20	27%	14	19%	31	42%	7	10%
2005	79	4	5%	20	25%	15	19%	32	41%	8	10%
2006	81	4	5%	22	27%	14	17%	34	42%	8	10%
2007	92	4	4%	25	27%	18	20%	37	40%	9	10%
2008	97	4	4%	23	24%	22	23%	36	37%	11	11%
2009	81	2	2%	17	21%	20	25%	31	38%	11	14%
2010	82	1	1%	15	18%	20	24%	33	40%	12	15%
2011	92	1	1%	16	17%	22	24%	39	42%	13	14%
2012	91	1	1%	14	15%	23	25%	42	46%	12	13%
2013	84	1	1%	14	17%	18	21%	40	48%	11	13%
2014	81	6	7%	9	11%	15	19%	38	47%	12	15%
2015	73	7	10%	6	8%	15	21%	36	49%	10	14%
2016	72	7	10%	5	7%	12	17%	39	54%	9	13%
2017	80	8	10%	5	6%	13	16%	44	55%	10	13%
2018	99	11	11%	7	7%	14	14%	54	55%	13	13%
2019	116	13	11%	6	5%	17	15%	64	55%	15	13%
2020	43	6	14%	3	7%	5	12%	22	51%	7	16%

Main flows



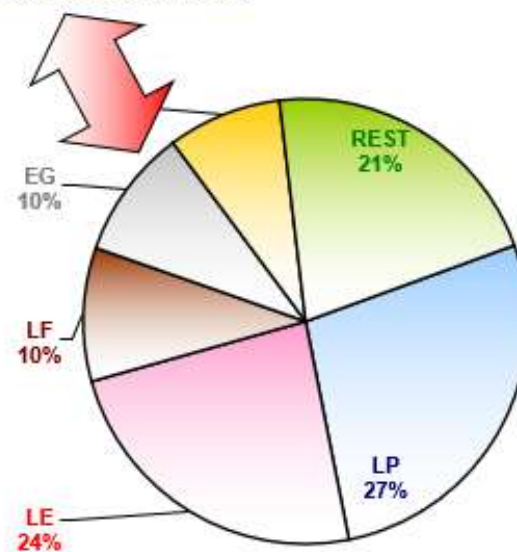
COUNTRY *	2019	2020	VAR %
SB	20627	7439	-64%
GV	11286	3944	-65%
SA	4992	1562	-69%
SC	2121	740	-65%
SU	908	406	-55%
REST	2542	1533	-40%

* ORIGIN / DESTINATION



COUNTRY *	2019	2020	VAR %
LP	11674	4285	-63%
LE	11115	3716	-67%
LF	4129	1517	-63%
EG	4145	1478	-64%
ED	3099	1296	-58%
REST	8314	3332	-60%

* ORIGIN / DESTINATION



Main airports



MAIN AIRPORT:	LPPT				
	% CORRIDOR:	25,17 %			
ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE	
RANDOM	17	21	38	1%	
UN-741	155		155	4%	
UN-866		675	675	17%	
UN-873	1282	1166	2448	62%	
UN-857	490	126	616	16%	
TOTAL	1944	1988	3932		

MAIN AIRPORT:	SBGR				
	% CORRIDOR:	25,17 %			
ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE	
RANDOM	136	98	234	6%	
UN-741	292		292	7%	
UN-866		569	569	15%	
UN-873	1030	1218	2248	58%	
UN-857	422	143	565	14%	
TOTAL	1880	2028	3908		

MAIN AIRPORT:	LEMD				
	% CORRIDOR:	25,01 %			
ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE	
RANDOM	296	370	666	21%	
UN-741	225		225	7%	
UN-866		471	471	15%	
UN-873	447	733	1180	37%	
UN-857	395	279	674	21%	
TOTAL	1363	1853	3216		

MAIN AIRPORT:	GVAC				
	% CORRIDOR:	20,58 %			
ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE	
RANDOM		1	1	0%	
UN-741	43		43	2%	
UN-866	2	68	70	3%	
UN-873	963	924	1887	85%	
UN-857	113	118	231	10%	
TOTAL	1121	1111	2232		

Main city-pair



CITY PAIR	TOTAL	% TOTAL
SBGR <-> LPPT	873	5.59%
SAEZ <-> LEMD	780	4.99%
SBGR <-> LEMD	724	4.63%
GVNP <-> LPPT	573	3.67%
SBGR <-> LFPG	515	3.30%
SBGR <-> EDDF	474	3.03%
SBKP <-> LPPT	461	2.95%
SCEL <-> LEMD	417	2.67%
SBGR <-> EGLL	402	2.57%
SUMU <-> LEMD	385	2.46%
GVAC <-> LPPT	370	2.37%
SBRF <-> LPPT	335	2.14%
GVAC <-> EDDF	311	1.99%
GVSV <-> LPPT	290	1.86%
SBGL <-> LPPT	271	1.73%
SLVR <-> LEMD	251	1.61%
SBGR <-> EHAM	223	1.43%
SBGL <-> LFPG	196	1.25%
EGVN <-> GOBD	170	1.09%
SBGR <-> LEBL	164	1.05%
REST	7439	47.61%

Evolution of AO's

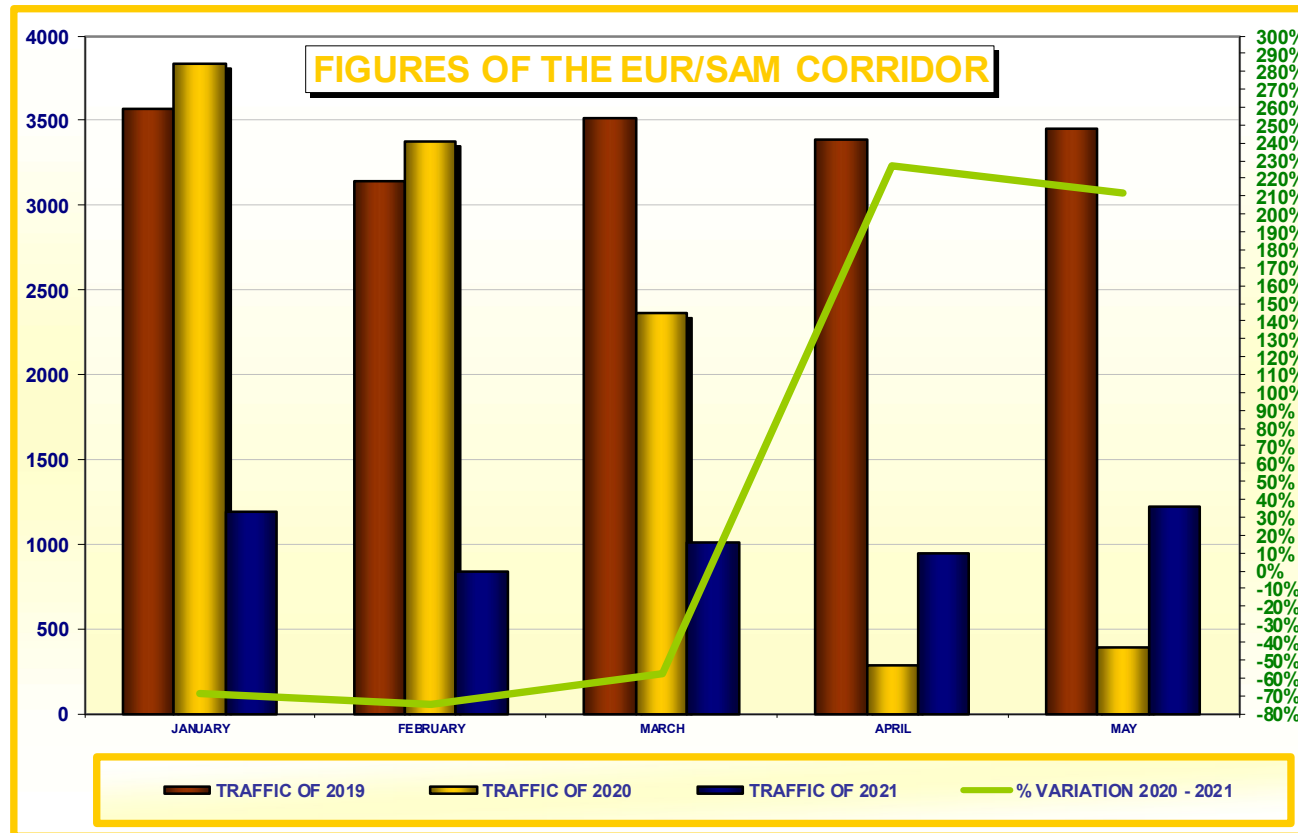


AIRCRAFT OPERATOR	2019	2020	VARIATION
TAP	8418	2908	-65.5%
IBE	4481	1579	-64.8%
TAM	4801	1495	-68.9%
AFR	2207	948	-57.0%
AEA	2824	882	-68.8%
AZU	1361	595	-56.3%
DLH	1216	538	-55.8%
KLM	1068	482	-54.9%
TOM	1805	397	-78.0%
TCV	1432	361	-74.8%
REST	12863	5439	-57.7%

2021 traffic evolution



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2020	2021	2020	2021	2019	DAILY	2020	DAILY	2021	DAILY	2019 - 2020	2020 - 2021
JANUARY	1807	538	2029	648	3565	115	3836	123	1186	38	8%	-69%
FEBRUARY	1662	420	1717	415	3145	112	3379	116	835	30	7%	-75%
MARCH	1066	466	1296	537	3514	113	2362	76	1003	32	-33%	-58%
APRIL	154	437	133	503	3383	113	287	9	940	31	-92%	228%
MAY	212	560	180	661	3455	111	392	12	1221	39	-89%	211%
AVERAGE	626	484	676	553	3540	116	1302	42	1037	34	-62%	47%



Thank You



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