

Air traffic statistics of the EUR/SAM corridor 2021 REPORT

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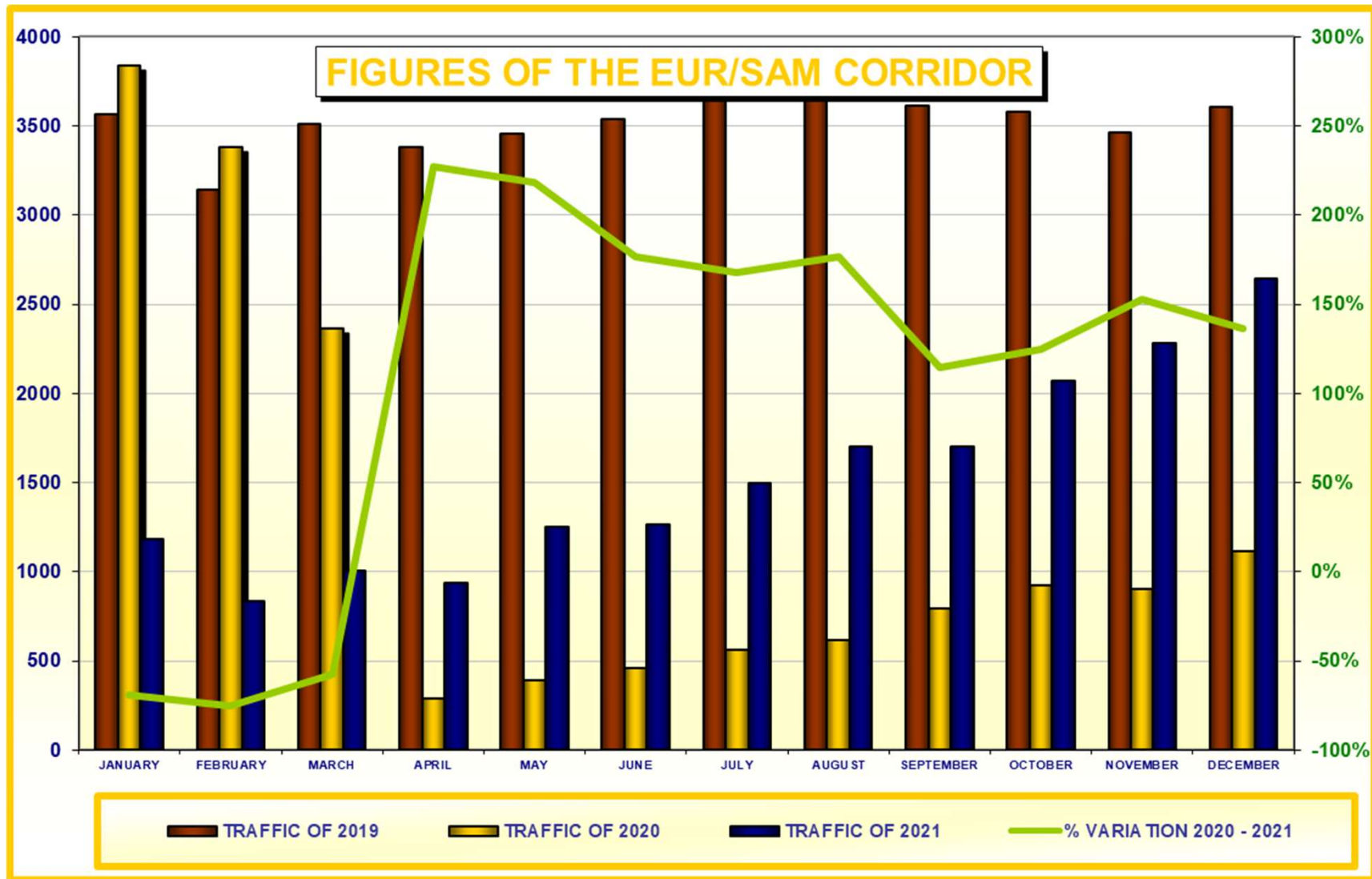
- The necessary flight plan information to perform this study is obtained from PALESTRA (Sub-system of ENAIRE's ATM System :
 - The flight plan data contains initial flight plan information that is updated by radar and controllers with pilot position reports.
 - the air traffic movements reflected in 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 (2021 vs 2020)



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	% 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	570	180	679	3455	111	392	12	1249	40	-89%	219%
JUNE	204	550	254	717	3540	118	458	15	1267	42	-87%	177%
JULY	293	810	266	688	3848	124	559	18	1498	48	-85%	168%
AUGUST	316	832	299	870	3757	121	615	19	1702	55	-84%	177%
SEPTEMBER	402	800	392	903	3615	120	794	26	1703	57	-78%	114%
OCTOBER	447	1081	476	992	3579	115	923	29	2073	67	-74%	125%
NOVEMBER	418	1077	484	1206	3466	116	902	30	2283	76	-74%	153%
DECEMBER	529	1245	588	1399	3609	116	1117	36	2644	85	-69%	137%
AVERAGE	626	736	676	796	3540	116	1302	42	1532	50	-62%	108%

Global figures of the EUR/SAM corridor- (2021 vs 2020)



Number of movements

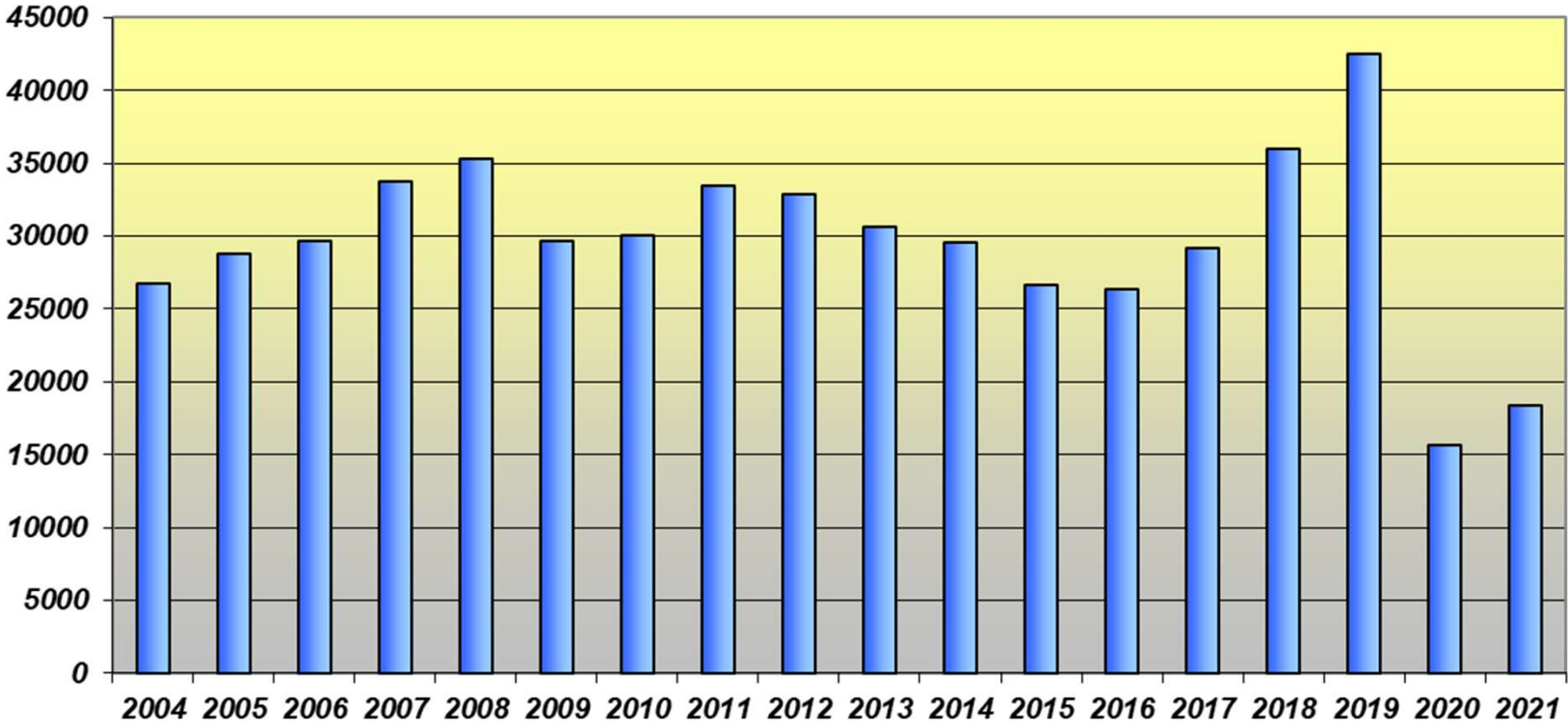


FIGURES OF	SOUTHBOUND	NORTHBOUND	TOTAL TRAFFIC IN THE CORRIDOR	% INCREASE FROM 2004
2004	13108	13685	26793	-
2005	14088	14674	28762	7.3%
2006	14651	15036	29687	10.8%
2007	16704	17004	33708	25.8%
2008	17024	18295	35319	31.82%
2009	14256	15366	29622	10.56%
2010	14083	16019	30102	12.35%
2011	15426	17988	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%
2021	8826	9557	18383	-31.39%

Number of movements



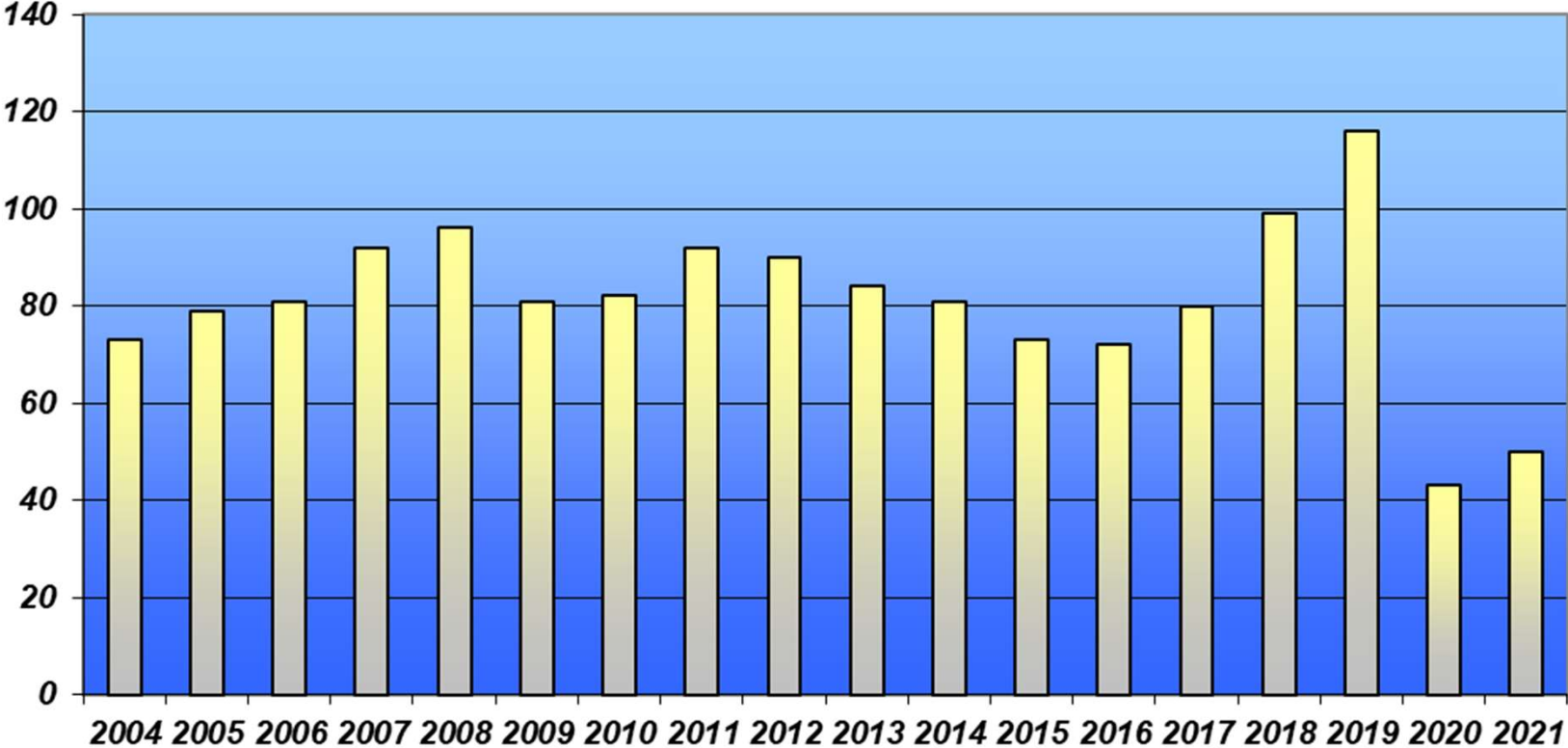
TOTAL TRAFFIC IN THE CORRIDOR



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
2021	18383	2935	1198	2264	9641	2345

Daily traffic



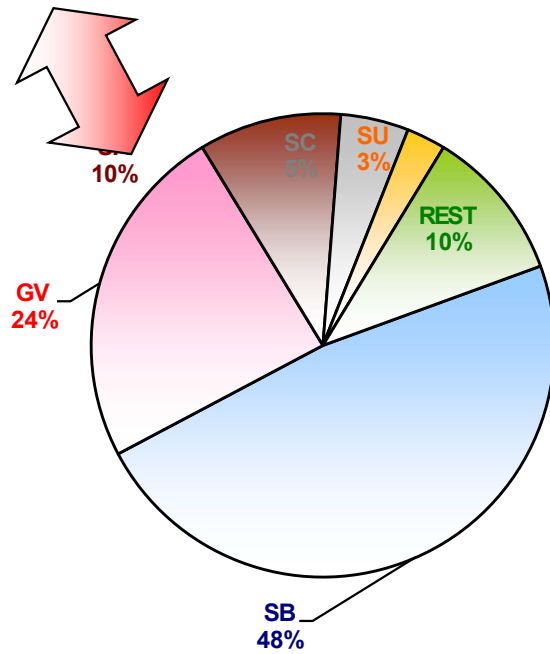
	TOTAL CORREDOR	RANDOM ROUTE		UN-741		UN-866		UN-873		UN-857	
		DAILY	%	DAILY	%	DAILY	%	DAILY	%	DAILY	%
2004	73	3	4%	20	27%	14	19%	31	42%	7	10%
2005	79	4	5%	20	25%	15	19%	32	41%	8	10%
2006	81	4	5%	22	27%	14	17%	34	42%	8	10%
2007	92	4	4%	25	27%	18	20%	37	40%	9	10%
2008	97	4	4%	23	24%	22	23%	36	37%	11	11%
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%
2021	50	8	16%	3	6%	6	12%	26	52%	6	12%

Main flows (2021 vs 2020)



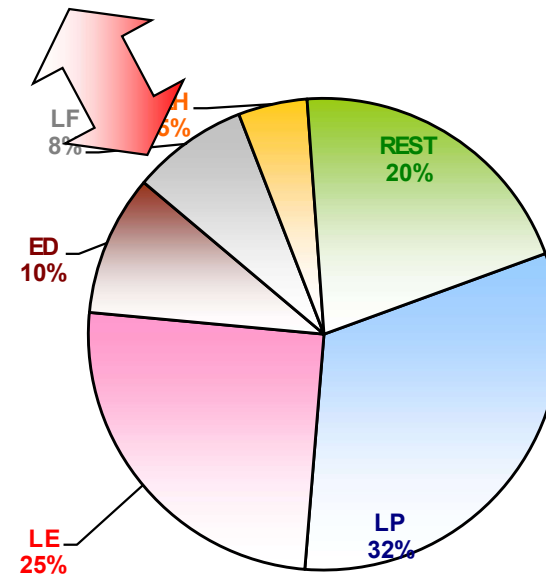
COUNTRY *	2020	2021	VAR %
SB	7439	8787	18%
GV	3944	4420	12%
SA	1562	1829	17%
SC	740	873	18%
SU	406	502	24%
REST	1533	1972	29%

* ORIGIN / DESTINATION



COUNTRY *	2020	2021	VAR %
LP	4285	5857	37%
LE	3716	4629	25%
ED	1296	1771	37%
LF	1517	1468	-3%
EH	936	871	-7%
REST	3874	3787	-2%

* ORIGIN / DESTINATION



Main airports (2021)



MAIN AIRPORT:	LPPT					
	% CORRIDOR:	29.79%				
		ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
		RANDOM	42	109	151	3%
		UN-741	269		269	5%
		UN-866	1	782	783	14%
		UN-873	1844	1846	3690	67%
		UN-857	482	102	584	11%
		TOTAL	2638	2839	5477	

MAIN AIRPORT:	SBGR					
	% CORRIDOR:	29.79%				
		ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
		RANDOM	250	170	420	9%
		UN-741	240		240	5%
		UN-866		657	657	14%
		UN-873	1457	1485	2942	61%
		UN-857	360	176	536	11%
		TOTAL	2307	2488	4795	

MAIN AIRPORT:	LEMD					
	% CORRIDOR:	26.08%				
		ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
		RANDOM	549	465	1014	24%
		UN-741	529		529	12%
		UN-866		578	578	14%
		UN-873	627	882	1509	35%
		UN-857	226	400	626	15%
		TOTAL	1931	2325	4256	

Main city-pair (2021)



CITY PAIR	TOTAL	% TOTAL
SBGR <-> LPPT	1202	6.54%
GVNP <-> LPPT	1141	6.21%
SBGR <-> LEMD	1090	5.93%
SAEZ <-> LEMD	1078	5.86%
SBGR <-> EDDF	701	3.81%
SCEL <-> LEMD	628	3.42%
SBGR <-> LFPG	604	3.29%
GVSV <-> LPPT	495	2.69%
SUMU <-> LEMD	473	2.57%
SBGL <-> LPPT	466	2.53%
SBRF <-> LPPT	455	2.48%
GVAC <-> LPPT	447	2.43%
SBKP <-> LPPT	413	2.25%
SLVR <-> LEMD	404	2.20%
GVAC <-> EDDF	334	1.82%
SBKP <-> ELLX	325	1.77%
SAEZ <-> EDDF	272	1.48%
SBGR <-> LSZH	252	1.37%
SBFZ <-> LPPT	252	1.37%
SGAS <-> LEMD	245	1.33%
REST	7106	38.66%

Evolution of AO's (2021 vs 2020)

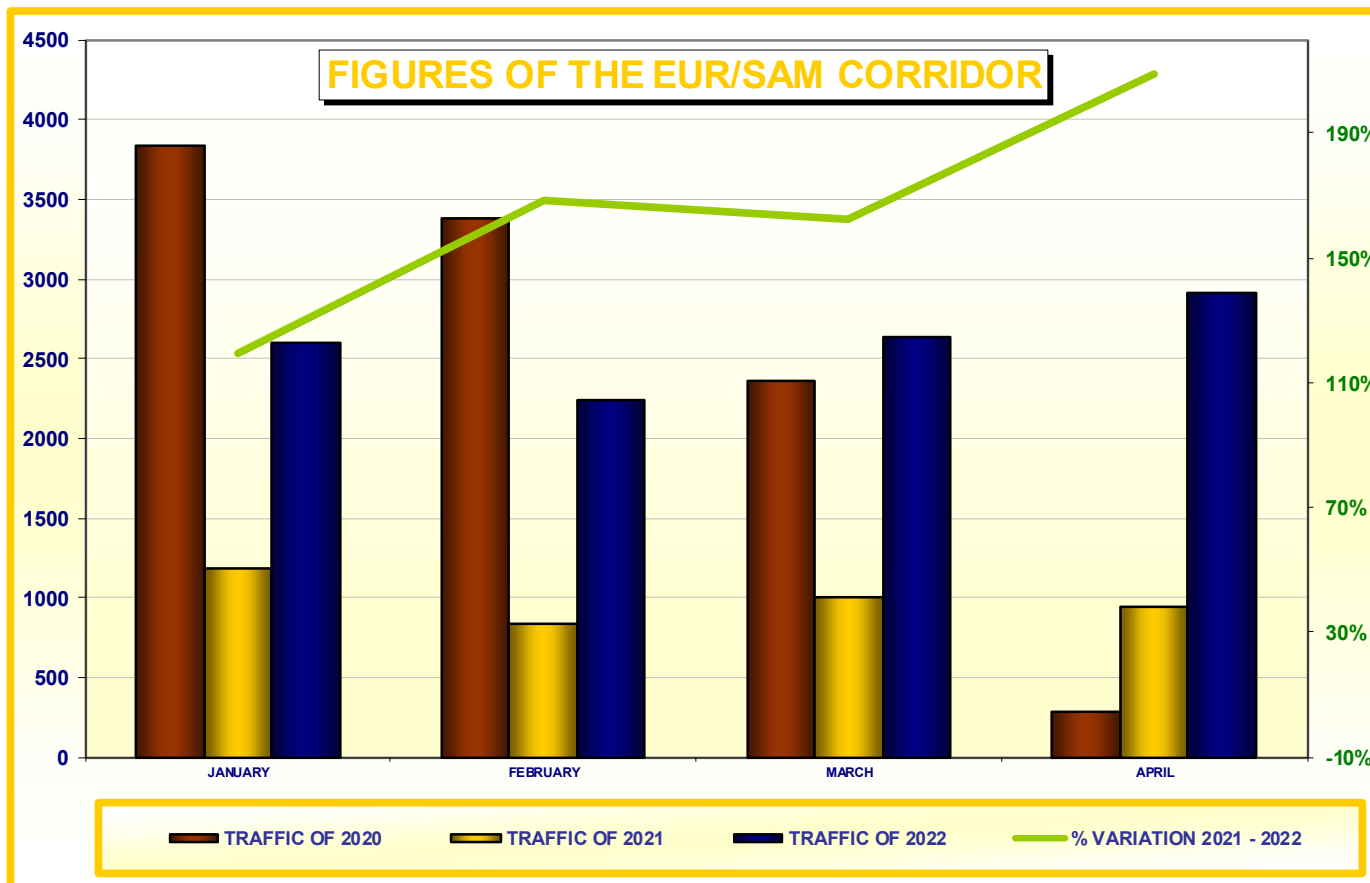


AIRCRAFT OPERATOR	2020	2021	VARIATION
TAP	2908	4708	61.9%
IBE	1579	2380	50.7%
AEA	882	1092	23.8%
AFR	948	981	3.5%
DLH	538	713	32.5%
TAM	1495	669	-55.3%
AZU	595	648	8.9%
KLM	482	534	10.8%
CLX	185	366	97.8%
LCO	322	338	5.0%
REST	5690	5954	4.6%

2022 Traffic evolution



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2021	2022	2021	2022	2020	DAILY	2021	DAILY	2022	DAILY	2020 - 2021	2021 - 2022
JANUARY	538	1076	648	1526	3836	123	1186	38	2602	84	-69%	119%
FEBRUARY	420	991	415	1251	3379	116	835	30	2242	80	-75%	169%
MARCH	466	1259	537	1370	2362	76	1003	32	2629	85	-58%	162%
APRIL	437	1420	503	1487	287	9	940	31	2907	97	228%	209%
AVERAGE	736	1187	796	1409	1302	42	1532	50	2595	87	108%	165%



Thank You

