

APPENDIX – E1 Traffic Statistics data and analysis for the EUR/SAM corridor-2018



Scope

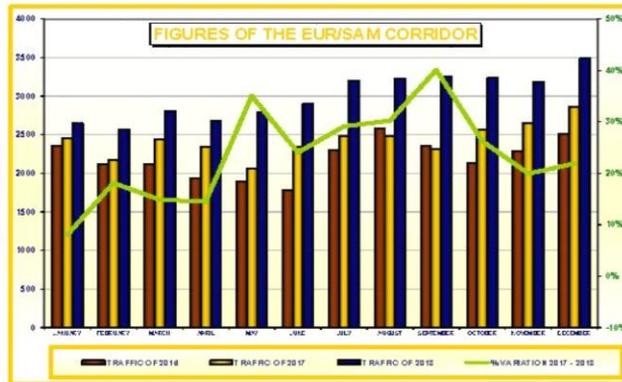
- The necessary flight plan information to perform this study is obtained from PALESTRA (Sub-system of ENAIRE's ATM System):
 - o The flight plan data contains initial flight plan information that is updated by radar and controllers with pilot position reports.
 - o the air traffic movements reflected in this study are:
 - all traffics using UN741, UN865, UN873 and UN857 whose flight plans contains information about EDUMO, TENPA, IPERA and GUNET waypoints.
 - traffic using the random route.
 - o 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 - 2018



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR				% VARIATION			
	2017	2018	2017	2018	2016	DAILY	2017	DAILY	2018	DAILY	2016 - 2017	2017 - 2018
JANUARY	1098	1292	1351	1354	2355	76	2449	79	2646	88	4%	8%
FEBRUARY	1012	1157	1163	1412	2113	73	2175	78	2569	92	3%	18%
MARCH	1073	1372	1373	1438	2117	68	2446	79	2810	91	16%	15%
APRIL	1088	1166	1247	1505	1937	65	2335	78	2673	89	21%	14%
MAY	1010	1224	1055	1565	1891	61	2065	67	2789	90	9%	35%
JUNE	1025	1217	1312	1682	1787	62	2337	78	2899	97	31%	24%
JULY	1112	1472	1364	1725	2298	74	2476	80	3197	103	8%	29%
AUGUST	1202	1589	1279	1642	2575	83	2481	80	3231	104	-4%	30%
SEPTEMBER	1121	1630	1196	1608	2358	79	2317	77	3246	108	-2%	40%
OCTOBER	1339	1497	1222	1736	2127	69	2561	83	3233	104	20%	26%
NOVEMBER	1190	1598	1463	1584	2288	76	2653	88	3182	106	16%	20%
DECEMBER	1337	1672	1522	1813	2513	81	2859	92	3485	112	14%	22%
AVERAGE	1134	1408	1296	1589	2197	72	2430	80	2997	99	11%	24%

Global figures of the EUR/SAM corridor - 2018

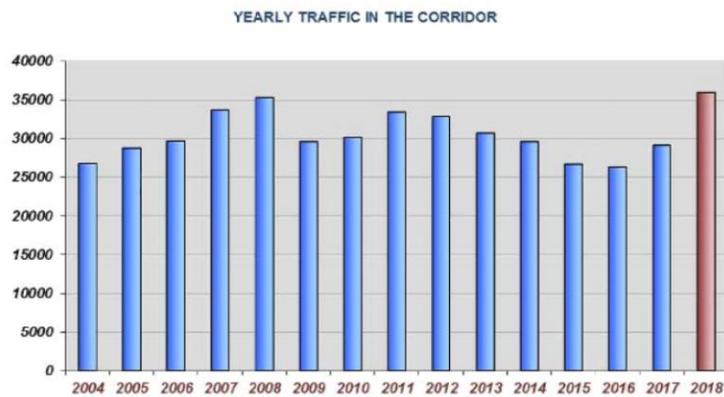


Number of movements



FIGURES OF	SOUTHBOUND	NORTHBOUND	TOTAL TRAFFIC IN THE CORRIDOR	MONTHLY	DAILY
2004	13108	13885	26793	2233	73
2005	14088	14674	28762	2397	79
2006	14651	15038	29687	2474	81
2007	16704	17004	33708	2809	92
2008	17024	18295	35319	2943	96
2009	14256	15366	29622	2468	81
2010	14083	16019	30102	2508	82
2011	15426	17988	33414	2784	92
2012	15245	17824	32869	2739	90
2013	14778	15867	30645	2554	84
2014	13469	16113	29582	2465	81
2015	11613	15068	26681	2223	73
2016	12158	14201	26359	2197	72
2017	13607	15547	29154	2430	80
2018	16896	19064	35960	2997	99

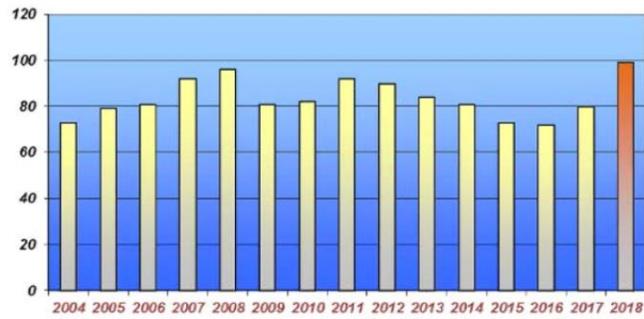
Number of movements-2018



Average daily traffic



DAILY



EUR/SAM corridor evolution



ROUTE/OP	CARRIER	SEMIWEEK	TOT. N. VENTURE TRUCKS/SEMIWEEK	% VENTURE FROM ADT
2004	4146	11200	20700	-
2007	4088	11470	24760	12%
2008	4561	10870	20487	18%
2009	4070	17000	21700	24%
2010	4727	18200	22100	21%
2011	4700	15100	20620	18%
2012	4081	16600	20600	13%
2013	4026	17000	22100	20%
2014	4778	16800	20800	19%
2015	4089	19112	20882	18%
2016	4043	19000	20481	18%
2017	4044	19200	20300	18%
2018	4087	22000	23000	18%
2019	4020	18000	21000	18%



Traffic per ATS route



	TOTAL	RANDOM ROUTE	UN741	UN866	UN873	UN857
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

Daily traffic

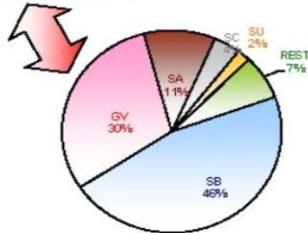


	TOTAL CORRIDOR		UN741		UN866		UN873		UN857	
	DAILY	%	DAILY	%	DAILY	%	DAILY	%	DAILY	%
2004	73	4%	20	27%	14	19%	31	42%	7	10%
2005	79	4%	20	25%	15	19%	32	41%	8	10%
2006	81	4%	22	27%	14	17%	34	42%	8	10%
2007	92	4%	25	27%	18	20%	37	40%	9	10%
2008	97	4%	23	24%	22	23%	36	37%	11	11%
2009	81	2%	17	21%	20	25%	31	38%	11	14%
2010	82	1%	15	18%	20	24%	33	40%	12	15%
2011	92	1%	16	17%	22	24%	39	42%	13	14%
2012	91	1%	14	15%	23	25%	42	46%	12	13%
2013	84	1%	14	17%	18	21%	40	48%	11	13%
2014	81	6%	9	11%	15	19%	38	47%	12	15%
2015	73	7%	6	8%	15	21%	36	49%	10	14%
2016	72	7%	5	7%	12	17%	39	54%	9	13%
2017	80	8%	5	6%	13	16%	44	55%	10	13%
2018	99	11%	7	7%	14	14%	54	55%	13	13%

Main flows

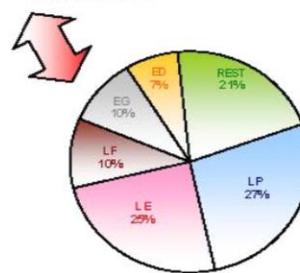
COUNTRY*	2017	2018	VAR%
SB	12100	10500	-13%
GV	10254	10958	7%
SA	3133	3791	21%
SC	942	1416	50%
SU	624	723	16%
REST	2043	2535	24%

* ORIGIN / DESTINATION



COUNTRY*	2017	2018	VAR%
LP	2703	3774	39%
LE	6703	5932	-12%
LF	2746	3686	34%
EG	3181	3523	11%
ED	2206	2588	17%
REST	6172	7579	23%

* ORIGIN / DESTINATION



Main airports

MAIN AIRPORT	ATB ROUTE	SUUI PROGRUN	REST PROGRUN	TOTAL	% OF TOTAL
BARCELONA	40	10	10	227	2%
W41	291			291	2%
W88		184		184	1%
W72	247	297		824	6%
W57	248	47		788	6%
TOTAL	466	334		924	8%

MAIN AIRPORT	ATB ROUTE	SUUI PROGRUN	REST PROGRUN	TOTAL	% OF TOTAL
BARCELONA	221	48		403	3%
W41	464			464	4%
W88		186		186	1%
W72	2184	327		441	3%
W57	748	168		888	7%
TOTAL	3417	529		3946	34%

MAIN AIRPORT	ATB ROUTE	SUUI PROGRUN	REST PROGRUN	TOTAL	% OF TOTAL
BARCELONA	88	10		121	0%
W41	822			822	6%
W88	1	1016		1017	8%
W72	1426	183		1609	13%
W57	800	407		1207	10%
TOTAL	2138	1506		3644	31%

MAIN AIRPORT	ATB ROUTE	SUUI PROGRUN	REST PROGRUN	TOTAL	% OF TOTAL
BARCELONA	2	1		3	0%
W41	172			172	1%
W88		17		17	0%
W72	2241	202		2443	20%
W57	200	138		338	2%
TOTAL	2415	358		2773	23%

Main city-pair

CITY PAIR	TOTAL	% TOTAL
SAEZ <-> LEMD	2009	5.59%
SBGR <-> LEMD	1926	5.36%
SBGR <-> LPPT	1414	3.93%
GVAC <-> LPPT	1258	3.50%
SBGR <-> LFPG	1218	3.39%
GWRP <-> LPPT	1199	3.33%
SCEL <-> LEMD	905	2.52%
SBGL <-> LPPT	840	2.34%
SBRF <-> LPPT	823	2.29%
SBKP <-> LPPT	780	2.17%
SBGR <-> EDDF	752	2.09%
SUMJ <-> LEMD	711	1.98%
SLVR <-> LEMD	664	1.85%
SBGR <-> EGLL	660	1.84%
GVSF <-> LPPT	559	1.55%
SBSV <-> LPPT	558	1.55%
SBGR <-> LMC	493	1.37%
GVAC <-> EHAM	487	1.35%
SBGR <-> LIRF	451	1.25%
SBGL <-> LFPG	431	1.20%
REST	17832	49.59%

Evolution of AO's

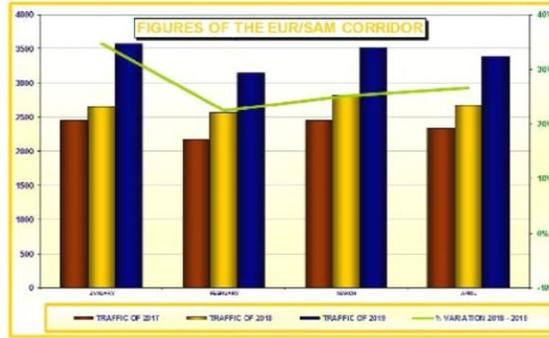
AIRCRAFT OPERATOR	2017	2018	VARIATION
TAP	6422	7675	19.5%
IBE	2667	3411	27.9%
TAM	1350	2863	112.1%
A EA	2010	2593	29.0%
AFR	1528	2053	34.4%
TOM	1889	1844	9.2%
DLH	922	927	0.5%
TCV	637	890	39.7%
KLM	657	882	34.2%
BAW	848	828	-2.4%
REST	10424	11994	15.1%

Apr 2018

2019 traffic evolution



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR				% VARIATION	
	2018	2019	2018	2019	DAILY	2018	2019	DAILY	2017-2018	2018-2019
JANUARY	1582	1547	1554	1610	3136	78	3166	116	9%	39%
FEBRUARY	1107	1050	1412	1505	2519	78	2560	112	10%	29%
MARCH	1272	1267	1428	1509	2700	79	2719	112	10%	29%
APRIL	1168	1041	1505	1642	2673	79	2732	113	14%	29%
AVERAGE	1247	1084	1427	1538	2581	79	2672	113	14%	29%



en@ire.es

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