THE FUTURE OF THE AVAILABILITY OF WATER RESOURCES IN LEMON PRODUCTION AREAS IN SPAIN

BASINS WITH LEMON PRODUCTION

The Segura and Júcar drainage basins (Vinalopó-Alicantí demarcation) and in the Andalusian Mediterranean Basin, in the subsystems where there is lemon production (the Guadalhorce and Guadalmedina Basin, the Carboneras and Aguas Basin and the Almanzora Basin)

SOURCE OF THE WATER	2021	2027	2039	2027 VS 2021		2039 VS 2021	
				diff (hm³)	diff (%)	diff (hm³)	Diff (%)
Surface water	537.67	507.16	501.06	-30.51	-5.67 %	-36.61	-6.81 %
Groundwater	630.74	378.19	350.88	-252.55	-40.04 %	-279.86	-44.37 %
Reclaimed water	160.82	179.34	179.24	18.52	11.52 %	18.42	11.45 %
Desalinited water (*)	224.01	277.40	290.59	53.39	23.83 %	66.58	29.72 %
Water from other basins (**)	264.61	156.34	156.38	-108.27	-40.92 %	-108.23	-40.90 %
Tagus-Segura Interbasin transfer	220.64	117.10	117.10	-103.54	-46.93 %	-103.54	-46.93 %
Negratín Interbasin transfer	43.97	39.24	39.28	-4.73	-10.76 %	-4.69	-10.67 %
TOTAL	1,817.85	1,498.43	1,478.15	-319.42	-17.57 %	-339.70	-18.69 %

^(*) Volumes may increase due to political initiatives to increase desalinated water.

Source. Compiled based on data from the hydrological plans for the Segura, Andalusian Mediterranean and Júcar basins 2020-2027 and SCRATS.

	2021		2027	7 2039			DIFF 39 vs 21	
Surface H ₂ 0	30%		34%	\bigcirc	34%		-7%	
	537.67 hm³		507.16 hm ³		501.06 hm ³		-36.61 hm³	
Ground H ₂ O	35%		25%	\bigcirc	24%	\bigcirc	-44%	
	630.74 hm ³		378.19 hm³		350.88 hm ³		-279.86 hm³	
Reclaimed H ₂ O	9%	\bigcirc	12%	\bigcirc	12%		+11%	
	160.82 hm³		179.34 hm³		179.24 hm³		18.42 hm³	
Desalinited H ₂ O	12%	\bigcirc	19%	\bigcirc	20%	\bigcirc	+30%	
	224.01 hm³		277.40 hm³		290.59 hm³		66.58 hm ³	
H ₂ O from other basins	14%		10%	\bigcirc	10%	\bigcirc	-41%	
	264.61 hm³		156.34 hm³		156.38 hm³		-108.23 hm³	
TOTAL	100%	\bigcirc	100%	\bigcirc	100%	\bigcirc	-19%	
	1,817.85 hm³		1,498.43 hm³		1,478.15 hm ³		-339.70 hm³	







^(**) Tagus-Segura and Negratín Inter-basin Transfer.