

Article

Circular Economy Practices among Industrial EMAS-Registered SMEs in Spain

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Received: 16 September 2020; Accepted: 20 October 2020; Published: 29 October 2020

Supplementary Materials

Table S1. Data collection grid.

Statement	Sector	Economic Performance			No. Workers	'CE' mention	Measure	Production																								
		Turnover(t)**	BN(C)**	RE(%)**				Previous year	Current year	NR1*	NR2*	ER1	RM1*	RM2	RM3	RM4	RM5	RM6	EM1	EM2	EM3	WM1*	WM2*	WM3	WM4	WM5	LC1	LC2	LC3	LC4	LC5	LC6
1	Chemical/Farma	62021634	2195710	6.31	180	0	t/a	31164.1	30150.48	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
2	Chemical/Farma	22579936	-78343	-4.37	49	0	t/a	13783.0	13037	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Textile	9012862	1676952	43.56	15	0	tmpp/a	36.4	47.1068636	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	0	1	0	1	0
4	Textile	2727791	196801	5.72	5	0	t/a	25141.0	24385	1	1	0	1	0	0	0	0	0	0	0	0	1	-	1	1	1	0	0	0	0	0	0
5	Metal	377823	5763	1.85	6	0	tmpp/a	13.0	12.22	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Plastics/Rubber	17404117	4001362	26.24	44	0	t/a	255.7	520.43	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
7	Plastics/Rubber	1673518	32255	2.25	13	0	t/a	132.8	126.4	0	1	0	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	1	0	0	0
8	Metal	60901370	1805287	4.38	99	1	t/a	82137.0	77353	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
9	Chemical/Farma	4609889	349552	11.89	19	0	t/a	3608.0	3910	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0
10	Others	9601006	-171042	-2.06	93	0	MEF	52807006.4	63511630	0	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
11	Plastics/Rubber	24772311	2008817	13.11	75	0	t/a	27221.0	25749	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
12	Chemical/Farma	31597822	4958146	33.72	70	0	t/a	15346.0	18012	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
13	Chemical/Farma	14919240	1216151	16.89	30	0	t/a	17002.6	18510	0	1	1	1	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
14	Others	162356000	2632000	3.73	239	0	Und/a	11573789.0	11658707	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0
15	Textile	14803623	609339	7.97	65	0	t/a	1769.0	2052	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
16	Chemical/Farma	53024748	-88806	-2.56	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Plastics/Rubber	52851857	1284282	3.59	240	0	t/a	7097.4	7825.4	1	1	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	1	1	1	1
18	Minerals/Wood	5715488	81785	1.14	22	0	t/a	624.5	576.72	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
19	Metal	14370546	432202	5	48	0	tm/a	3111.0	2681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Metal	4269648	163492	5.29	27	0	tm/a	1431.0	1528	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
21	Plastics/Rubber	26292822	3574615	22.88	125	0	tmpp/a	1617.0	2240	1	1	0	-	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	0	0	0	0
22	Metal	21852000	4232000	5.09	200	0	t/a	62416.0	58621	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	0	1	0	1
23	Minerals/Wood	16426959	1131923	15.87	44	-	-	-	-	-	-	1	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
24	Plastics/Rubber	51254334	8552188	33.33	249	0	tmpp/a	5109.2	5843.670886	1	0	0	-	0	0	0	0	1	0	1	1	1	-	-	-	1	0	0	0	0	1	1
25	Chemical/Farma	12991471	142881	1.35	50	0	t/a	27885.7	26417.8	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Other	74301295	643077	2.41	66	0	t/a	185260.0	185047	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Minerals/Wood	27426000	-31295000	-3.03	145	1	t/a	1436483.0	1312726	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
28	Chemical/Farma	53077384	1936260	2.17	200	0	t/a	481366.0	503773	0	0	1	0	1	1	0	0	0	0	2	1	0	1	1	0	1	0	0	0	0	0	0
29	Minerals/Wood	9264390	424702	4.97	38	0	t/a	128345.0	118902	1	1	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
30	Textile	7047097	-160019	-5.52	70	0	Und/a	328.0	384	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
31	Others	8055305	828884	5.76	44	1	t/a	896.0	1001	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0

*See Formulas

**Financial statements from SABI Database 31/12/2018

0: No/Negative 1: Yes/Positive



Figure S1. Example Codification 1 with Atlas.ti. Source: screenshot of document encoding in Atlas.ti (Version 8.4.24.9).

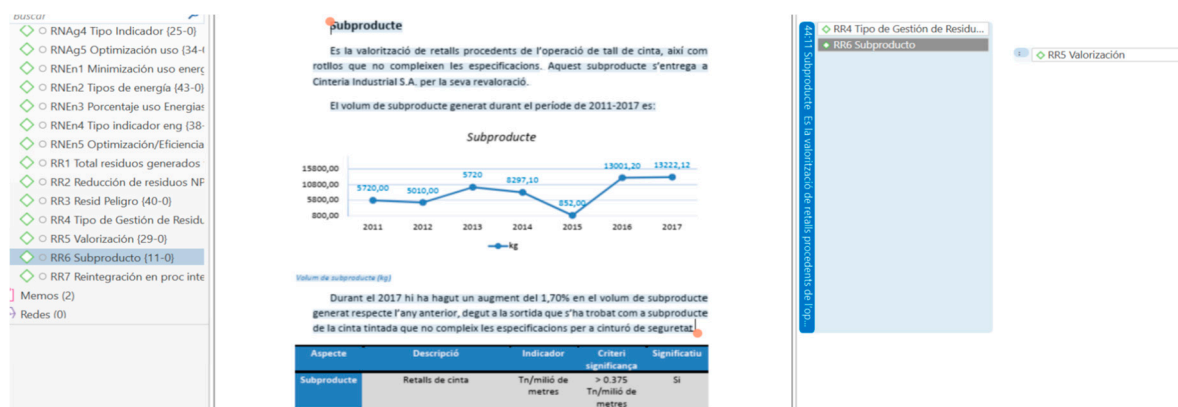


Figure S2. Example Codification 2 with Atlas.ti. Source: screenshot of document encoding in Atlas.ti (Version 8.4.24.9).

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