



FEFCO

Corrugated Packaging

Annual Statistics 2023

FEFCO Statistics project is supported by:
DNU - Association Services

FEFCO ANNUAL REPORT 2023

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n.a. = not announced

Used colour for m²

Key Statistics

Used colour for tonnes

FEFCO ANNUAL REPORT 2023 Key Statistics

	2022	2023	Change (%)
Production of Corrugated Board in millions of m ² - including non-members	48.540	46.083	-5,1%
Production of Corrugated Board in '000 tonnes - including non-members	24.203	22.792	-5,8%
Industry Structure: Number of Companies with Corrugators - incl. non-members	262	258	-1,5%
Industry Structure: Number of Plants with Corrugators - including non-members	535	528	-1,3%
Industry Structure: Number of Corrugators - including non-members	528	524	-0,8%
Average weight of board in g/m ² - including non-members	498,6	494,6	-0,8%
Exports of Corrugated Products in millions of m ² - including non-members	4.055	3.786	-6,6%
Exports of Corrugated Products in '000 tonnes - including non-members	2.972	2.859	-3,8%
Turnover in Mio. of Euros - including non-members	26.828	24.380	-9,1%
Raw Materials: Total Consumption in '000 tonnes - members only	15.501	14.718	-5,0%
Raw Materials: Total Consumption in '000 tonnes - including non-members	25.762	24.524	-4,8%
Total Number of Employees - members only	68.597	66.254	-3,4%
Nominal Number of working days per calendar year - members only	243	242	-0,4%
Nominal Number of working hours per employee per calendar year - members only	1.813	1.819	0,3%
Production per production head in millions of m ² - members only	0,648	0,636	-2,0%

Production of Corrugated Board

in millions of m² - members only

	2022	2023	% Change 2022/2023
Benelux	1.980	1.945	-1,8%
Croatia	301	300	-0,3%
Czech Republic	842	806	-4,3%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	8.563	7.860	-8,2%
Greece	536	555	3,5%
Hungary	n.a.	521	---
Italy	5.079	4.822	-5,1%
Norway	233	232	-0,6%
Poland	4.315	4.226	-2,1%
Portugal	754	699	-7,4%
Romania	895	890	-0,6%
Spain	4.544	4.304	-5,3%
Sweden	678	558	-17,7%
United Kingdom	4.127	3.974	-3,7%
TOTAL EUROPE*	32.848	31.172	-5,1%

* including countries that reported data for both years

Production of Corrugated Board

in '000 tonnes - members only

	2022	2023	% Change 2022/2023
Benelux	1.042	1.001	-3,9%
Croatia	137	135	-1,5%
Czech Republic	394	374	-5,1%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	4.311	3.938	-8,7%
Greece	272	274	0,7%
Hungary	n.a.	253	---
Italy	2.790	2.644	-5,2%
Norway	110	107	-2,7%
Poland	2.052	2.024	-1,4%
Portugal	373	339	-9,2%
Romania	436	427	-2,1%
Spain	2.272	2.153	-5,2%
Sweden	329	262	-20,4%
United Kingdom	1.885	1.777	-5,8%
TOTAL EUROPE*	16.402	15.454	-5,8%

* including countries that reported data for both years

Production of Corrugated Board

Residual OCC** in % of production - members only

	2022	2023	% Change 2022/2023
Benelux			
Croatia			
Czech Republic			
Finland			
France			
Germany			
Greece			
Hungary			
Italy			
Norway			
Poland			
Portugal			
Romania			
Spain			
Sweden			
United Kingdom			
TOTAL EUROPE*	10,9%	11,0%	0,2%

* including countries that reported data for both years

** Old Corrugated Container

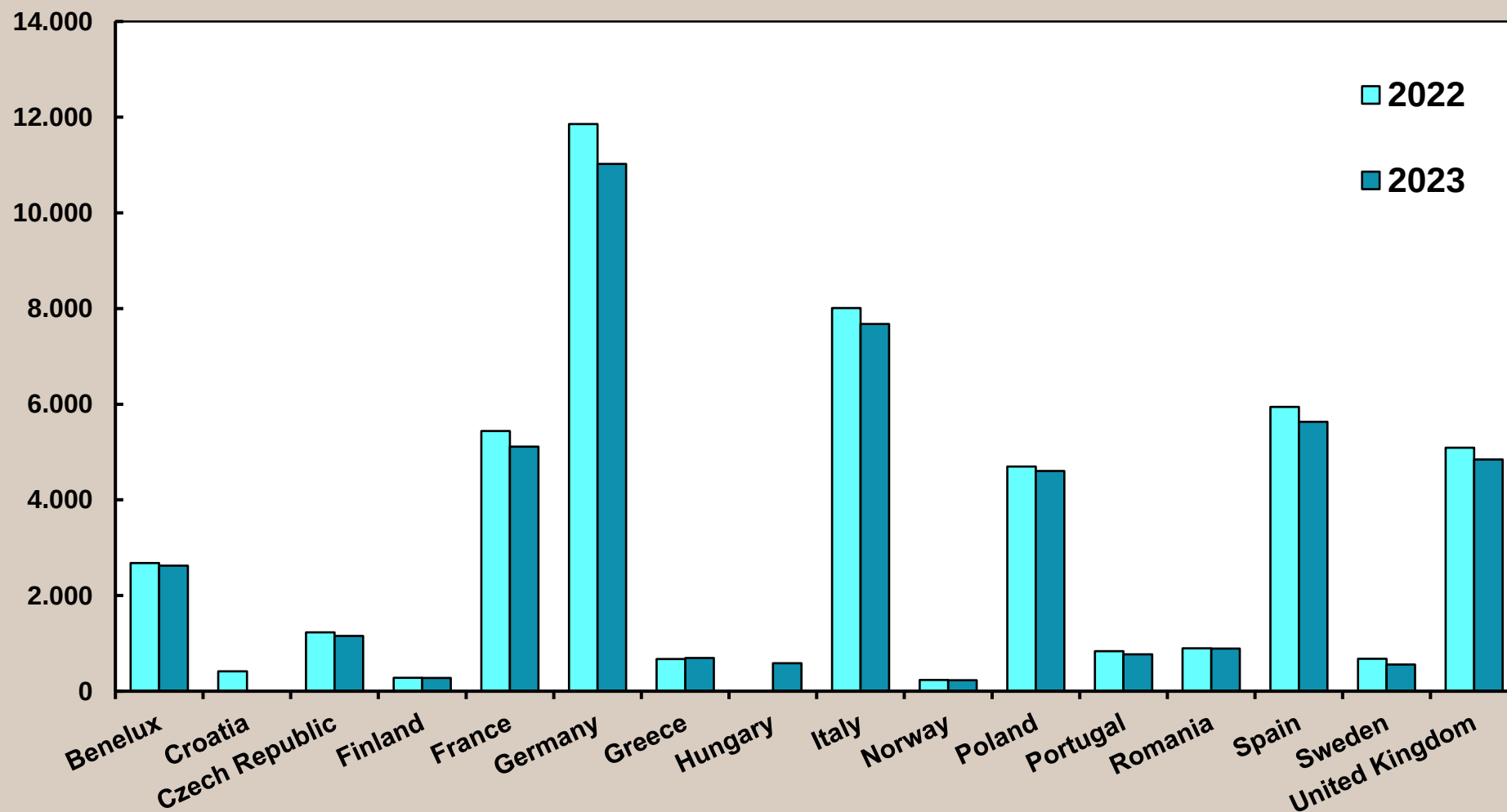
Production of Corrugated Board

in millions of m² - including non-members

	2022	2023	% Change 2022/2023
Benelux	2.677	2.626	-1,9%
Croatia	413	n.a.	---
Czech Republic	1.230	1.155	-6,1%
Finland	280	277	-1,1%
France	5.439	5.112	-6,0%
Germany	11.856	11.022	-7,0%
Greece	670	694	3,6%
Hungary	n.a.	584	---
Italy	8.010	7.675	-4,2%
Norway	233	232	-0,4%
Poland	4.698	4.601	-2,1%
Portugal	838	769	-8,3%
Romania	895	890	-0,6%
Spain	5.943	5.629	-5,3%
Sweden	678	558	-17,7%
United Kingdom	5.093	4.843	-4,9%
TOTAL EUROPE*	48.540	46.083	-5,1%

* including countries that reported data for both years

**Production of Corrugated Board in millions of m²
- including non-members -**



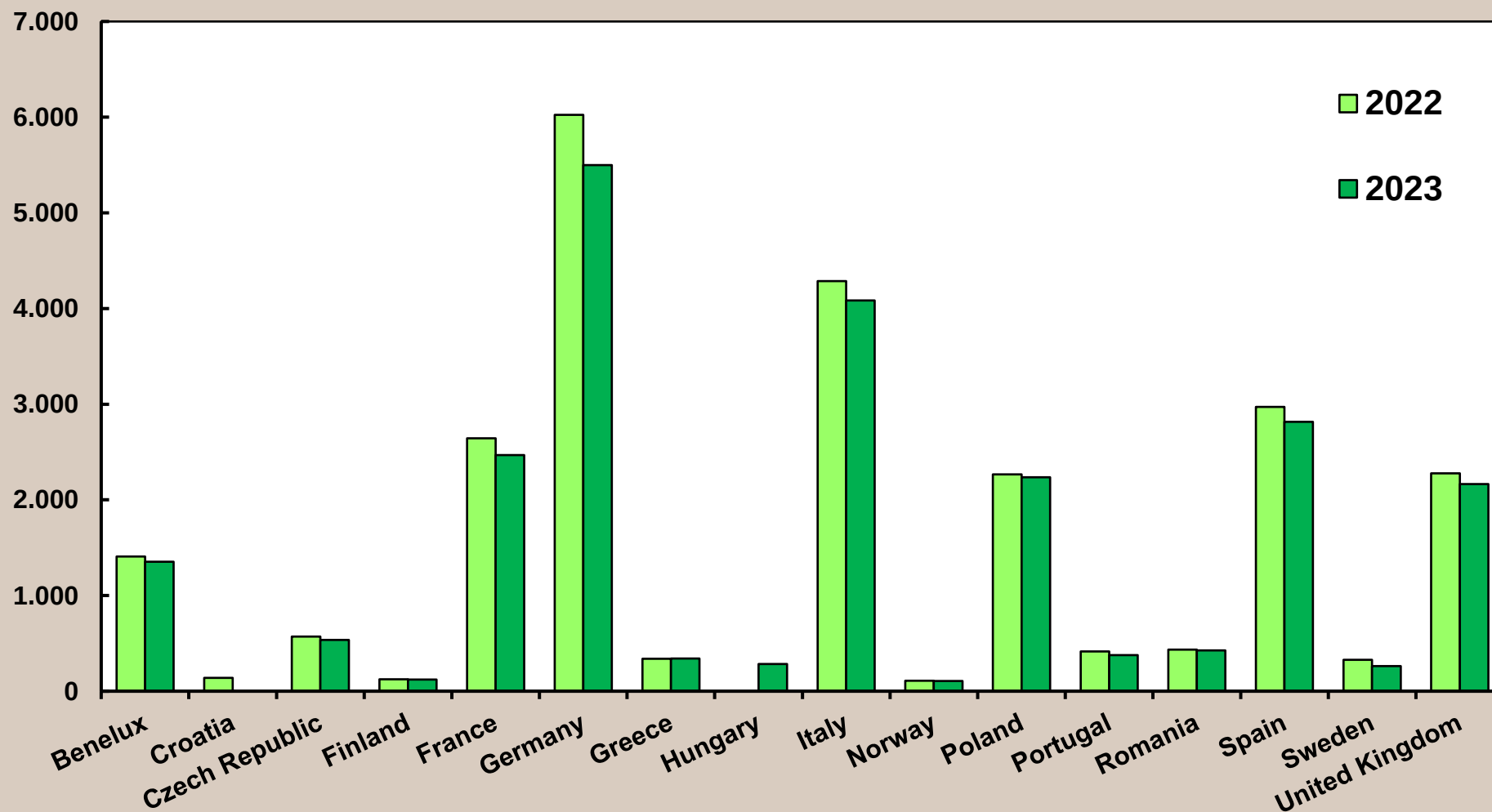
Production of Corrugated Board

in '000 tonnes - including non-members

	2022	2023	% Change 2022/2023
Benelux	1.409	1.352	-4,0%
Croatia	140	n.a.	---
Czech Republic	571	536	-6,1%
Finland	125	122	-2,2%
France	2.644	2.468	-6,6%
Germany	6.024	5.499	-8,7%
Greece	340	342	0,6%
Hungary	n.a.	285	---
Italy	4.287	4.083	-4,8%
Norway	110	107	-2,7%
Poland	2.267	2.237	-1,3%
Portugal	414	376	-9,2%
Romania	436	427	-2,1%
Spain	2.971	2.816	-5,2%
Sweden	329	262	-20,4%
United Kingdom	2.277	2.165	-4,9%
TOTAL EUROPE*	24.203	22.792	-5,8%

* including countries that reported data for both years

**Production of Corrugated Board in '000 tonnes
- including non-members -**



Production of Corrugated Board

member companies vs. the whole country % of m²

	2022	2023
Benelux	74,0	74,0
Croatia	n.a.	n.a.
Czech Republic	68,4	69,7
Finland	n.a.	n.a.
France	n.a.	n.a.
Germany	72,2	71,3
Greece	80,0	80,0
Hungary	n.a.	89,2
Italy	63,4	62,8
Norway	100,0	100,0
Poland	82,0	82,0
Portugal	90,0	90,9
Romania	100,0	100,0
Spain	76,5	76,5
Sweden	100,0	100,0
United Kingdom	82,8	82,1

Industry Structure

Number of Companies with Corrugators - members only

	2022	2023
Benelux	14	14
Croatia	5	5
Czech Republic	5	5
Finland	3	3
France	5	6
Germany	24	24
Greece	8	8
Hungary	8	8
Italy	28	28
Norway	3	3
Poland	21	22
Portugal	n.a.	n.a.
Romania	11	11
Spain	44	44
Sweden	4	4
United Kingdom	10	10
TOTAL EUROPE*	193	195

* including countries that reported data for both years

Industry Structure

Number of Plants with Corrugators - members only

	2022	2023
Benelux	20	20
Croatia	5	5
Czech Republic	7	7
Finland	3	3
France	55	58
Germany	97	95
Greece	11	11
Hungary	10	10
Italy	54	55
Norway	3	3
Poland	33	34
Portugal	n.a.	n.a.
Romania	13	13
Spain	60	60
Sweden	10	10
United Kingdom	51	48
TOTAL EUROPE*	432	432

* including countries that reported data for both years

Industry Structure

Number of Corrugators - members only

	≤2,1m		>2,1m - ≤2,5m		>2,5m - ≤2,8m		>2,8m		Total	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Benelux	1	1	14	14	3	3	3	3	21	21
Croatia	0	2	1	1	0	2	0	3	1	8
Czech Republic	0	0	3	1	2	4	0	0	5	5
Finland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3	3
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	4	4	57	56	23	23	1	1	85	84
Greece	1	1	9	8	1	2	0	0	11	11
Hungary	n.a.	3	n.a.	5	n.a.	3	n.a.	0	n.a.	11
Italy	4	4	39	39	15	18	1	1	59	62
Norway	0	0	2	2	1	1	0	0	3	3
Poland	3	3	13	13	18	19	2	2	36	37
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Romania	0	0	0	0	11	11	2	2	13	13
Spain	3	3	51	51	11	11	0	0	65	65
Sweden	0	0	10	10	0	0	0	0	10	10
United Kingdom	11	10	38	37	7	7	1	1	57	55
TOTAL EUROPE*	27	28	237	232	92	101	10	13	369	377

* including countries that reported data for both years

Industry Structure

Number of Companies with Corrugators - including non-members

	2022	2023
Benelux	19	19
Croatia	5	5
Czech Republic	7	7
Finland	4	4
France	11	11
Germany	41	40
Greece	11	11
Hungary	n.a.	14
Italy	53	53
Norway	3	3
Poland	n.a.	n.a.
Portugal	n.a.	n.a.
Romania	11	11
Spain	67	65
Sweden	4	4
United Kingdom	26	25
TOTAL EUROPE*	262	258

* including countries that reported data for both years

Industry Structure

Number of Plants with Corrugators - including non-members

	2022	2023
Benelux	26	26
Croatia	5	5
Czech Republic	9	9
Finland	4	4
France	72	72
Germany	124	121
Greece	14	14
Hungary	15	15
Italy	84	85
Norway	3	3
Poland	n.a.	n.a.
Portugal	n.a.	13
Romania	13	13
Spain	88	86
Sweden	10	10
United Kingdom	68	65
TOTAL EUROPE*	535	528

* including countries that reported data for both years

Industry Structure

Number of Corrugators - including non-members

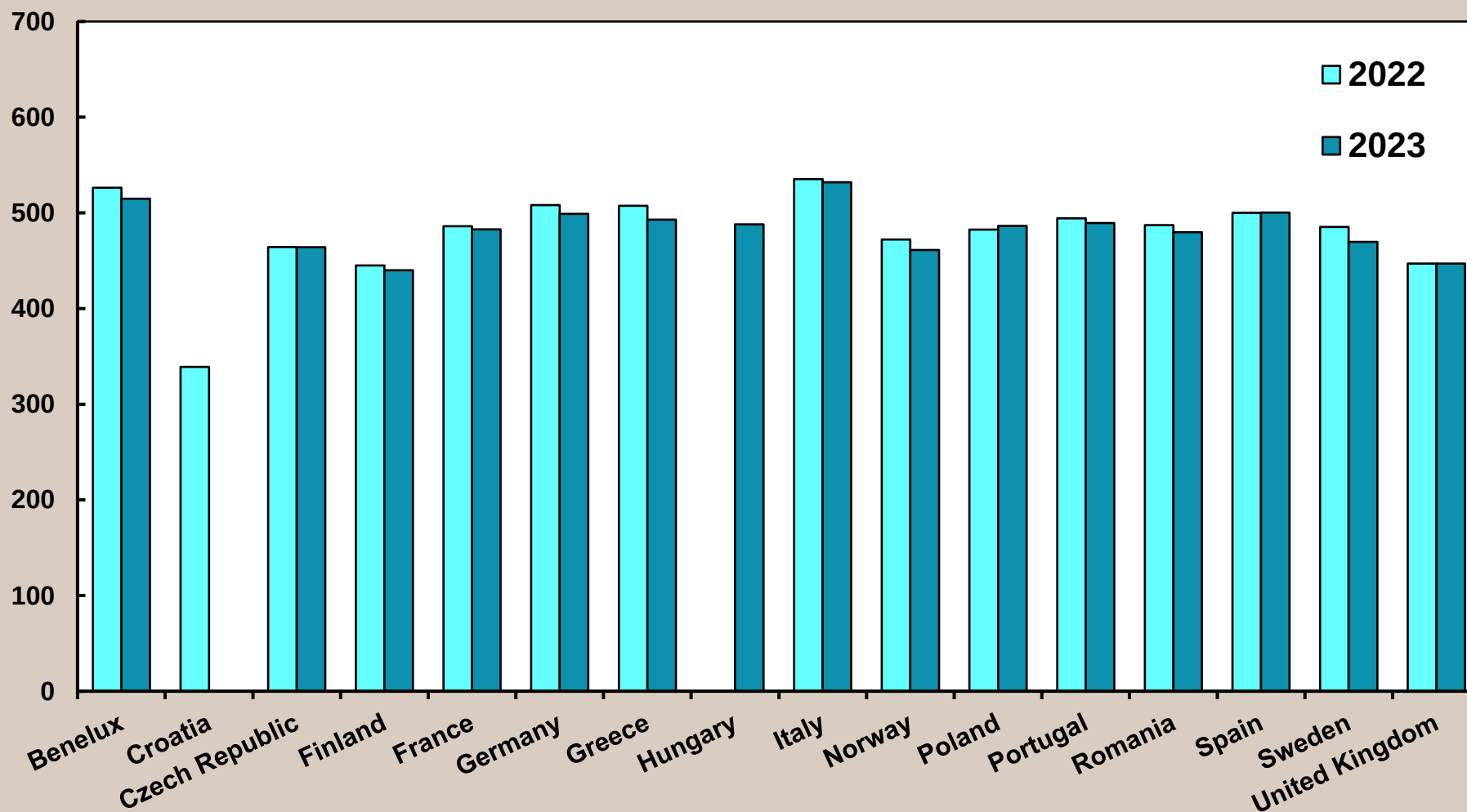
	≤2,1m		>2,1m - ≤2,5m		>2,5m - ≤2,8m		>2,8m		Total	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Benelux	1	1	19	19	6	6	3	3	29	29
Croatia	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5	5
Czech Republic	1	1	6	4	2	4	1	1	10	10
Finland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4	4
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	72	72
Germany	6	5	67	66	30	30	3	3	106	104
Greece	1	1	12	11	1	2	0	0	14	14
Hungary	n.a.	4	n.a.	5	n.a.	4	n.a.	0	n.a.	13
Italy	8	8	60	60	23	26	1	1	92	95
Norway	0	0	2	2	1	1	0	0	3	3
Poland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	13
Romania	0	0	0	0	11	11	2	2	13	13
Spain	9	8	73	72	11	11	0	0	93	91
Sweden	0	0	10	10	0	0	0	0	10	10
United Kingdom	23	21	44	43	8	8	2	2	77	74
TOTAL EUROPE*	49	45	293	287	93	99	12	12	528	524

* including countries that reported data for both years

Average weight of board in g/m²
including non-members

	2022	2023
Benelux	526,3	514,9
Croatia	339,0	n.a.
Czech Republic	464,2	464,1
Finland	445,0	440,0
France	486,0	482,7
Germany	508,1	498,9
Greece	507,5	492,8
Hungary	n.a.	488,0
Italy	535,2	532,0
Norway	472,1	461,2
Poland	482,5	486,2
Portugal	494,2	489,4
Romania	487,2	479,8
Spain	499,9	500,2
Sweden	485,3	469,5
United Kingdom	447,0	447,0
TOTAL EUROPE as weighted average	498,6	494,6

**Average weight of board in g/m²
- incl. non-members -**



Products as % of total Production in m²

members only

	Die-cut products		Regular slotted corrugated cases products		Corrugated board in sheet form		All other products		Total
	2022	2023	2022	2023	2022	2023	2022	2023	
Benelux	37,7	35,8	51,8	53,5	9,5	9,7	1,0	1,0	100%
Croatia	42,6	43,0	39,1	39,7	0,0	0,0	18,3	17,1	100%
Czech Republic	39,7	39,8	41,7	43,0	13,4	12,3	5,3	4,8	100%
Finland	53,3	n.a.	33,1	n.a.	0,0	n.a.	13,5	n.a.	100%
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Germany	50,9	50,8	39,0	38,8	7,7	7,5	2,3	2,8	100%
Greece	31,3	31,4	49,1	48,5	10,9	10,5	8,7	9,5	100%
Hungary	51,3	47,6	30,9	29,8	0,0	3,3	17,8	19,3	100%
Italy	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Norway	62,6	64,1	30,1	29,3	0,0	2,8	7,3	3,9	100%
Poland	41,2	42,3	27,3	26,6	27,3	28,0	4,3	3,2	100%
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Romania	28,6	31,5	31,2	32,6	0,0	0,0	40,2	35,9	100%
Spain	n.a.	55,8	n.a.	35,7	n.a.	5,4	n.a.	3,1	100%
Sweden	55,0	n.a.	27,0	n.a.	0,0	n.a.	18,0	n.a.	100%
United Kingdom	37,7	37,2	35,9	35,5	26,4	27,3	0,0	0,0	100%
TOTAL EUROPE as weighted average	43,8	45,5	36,9	36,8	14,6	13,5	4,7	4,2	100%

Exports of Corrugated Products

in millions of m² - members only

	2022	2023	% Change 2022/2023
Benelux	568	566	-0,4%
Croatia	n.a.	n.a.	---
Czech Republic	203	186	-8,4%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	n.a.	n.a.	---
Greece	9	10	11,8%
Hungary	n.a.	194	---
Italy	142	130	-8,4%
Norway	10	10	-2,0%
Poland	871	891	2,4%
Portugal	n.a.	n.a.	---
Romania	n.a.	n.a.	---
Spain	158	144	-9,0%
Sweden	33	n.a.	---
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	1.961	1.937	-1,2%

* including countries that reported data for both years

Exports of Corrugated Products

in '000 tonnes - members only

	2022	2023	% Change 2022/2023
Benelux	549	576	4,9%
Croatia	n.a.	n.a.	---
Czech Republic	95	87	-8,4%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	n.a.	n.a.	---
Greece	11	12	6,4%
Hungary	n.a.	61	---
Italy	78	71	-8,6%
Norway	5	4	-4,4%
Poland	417	443	6,3%
Portugal	n.a.	n.a.	---
Romania	46	45	-1,3%
Spain	79	72	-8,9%
Sweden	n.a.	n.a.	---
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	1.279	1.310	2,5%

* including countries that reported data for both years

Exports of Corrugated Products

in millions of m² - including non-members

	2022	2023	% Change 2022/2023
Benelux	768	764	-0,5%
Croatia	n.a.	n.a.	---
Czech Republic	349	306	-12,3%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	2.496	2.310	-7,5%
Greece	n.a.	n.a.	---
Hungary	n.a.	213	---
Italy	224	207	-7,6%
Norway	10	10	-2,0%
Poland	n.a.	n.a.	---
Portugal	n.a.	n.a.	---
Romania	n.a.	n.a.	---
Spain	207	189	-9,0%
Sweden	n.a.	n.a.	---
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	4.055	3.786	-6,6%

* including countries that reported data for both years

Exports of Corrugated Products

in '000 tonnes - including non-members

	2022	2023	% Change 2022/2023
Benelux	742	778	4,9%
Croatia	n.a.	n.a.	---
Czech Republic	164	143	-12,8%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	1.258	1.157	-8,0%
Greece	n.a.	n.a.	---
Hungary	n.a.	67	---
Italy	120	110	-8,2%
Norway	5	4	-4,4%
Poland	462	456	-1,3%
Portugal	n.a.	n.a.	---
Romania	46	45	-1,3%
Spain	104	94	-8,9%
Sweden	46	44	-4,3%
United Kingdom	27	27	1,5%
TOTAL EUROPE	2.972	2.859	-3,8%

* including countries that reported data for both years

Turnover

in '000 of Euros - members only

	2022	2023	% Change 2022/2023
Benelux	1.509.252	1.399.199	-7,3%
Croatia	n.a.	n.a.	---
Czech Republic	541.107	472.622	-12,7%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	6.007.990	5.164.382	-14,0%
Greece	360.554	331.853	-8,0%
Hungary	n.a.	359.606	---
Italy	3.406.000	3.223.000	-5,4%
Norway	237.622	243.930	2,7%
Poland	3.061.700	2.617.800	-14,5%
Portugal	n.a.	n.a.	---
Romania	n.a.	489.177	---
Spain	3.200.840	2.924.656	-8,6%
Sweden	488.708	n.a.	---
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	18.325.065	16.377.442	-10,6%

* including countries that reported data for both years

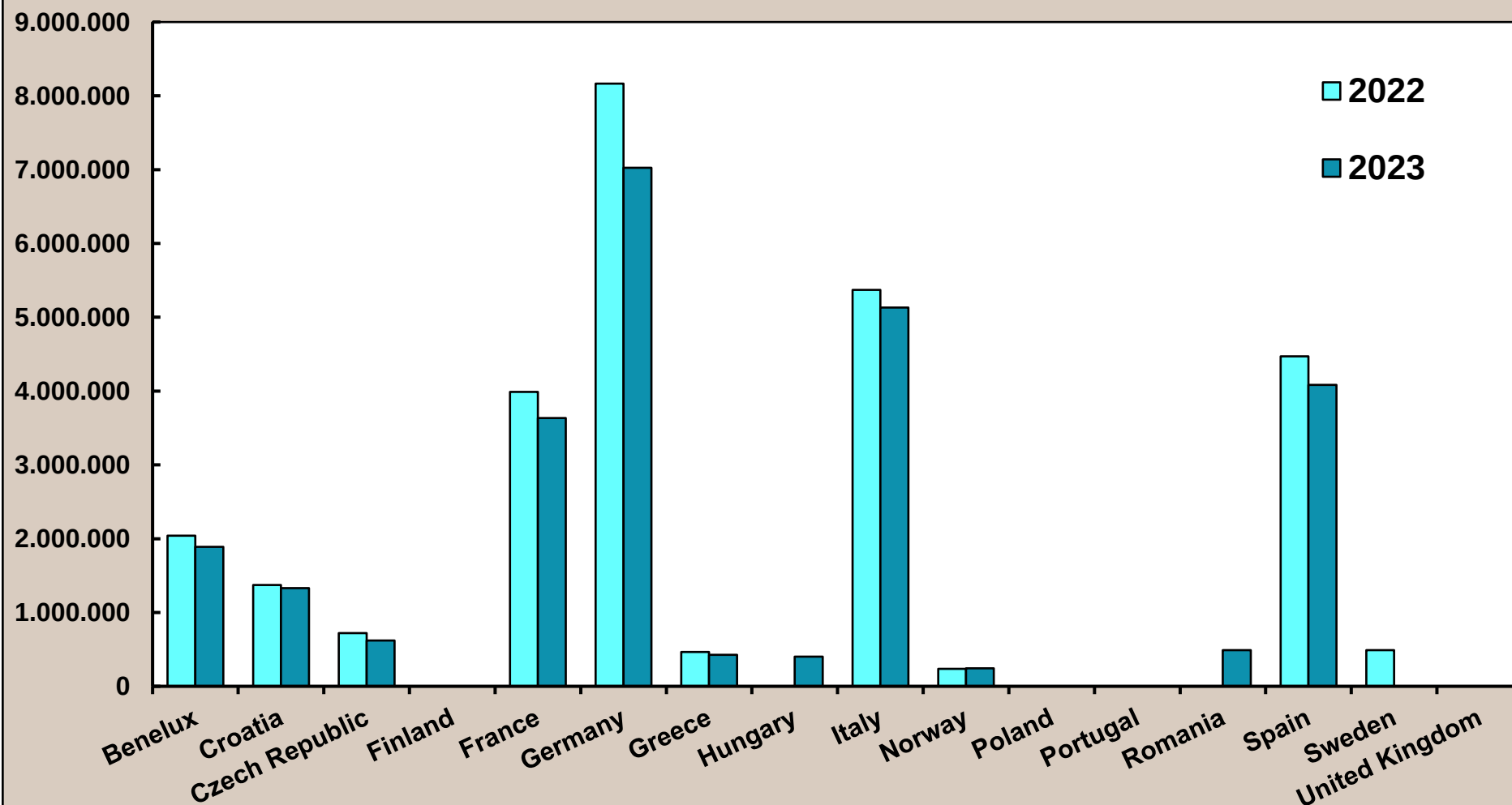
Turnover

in '000 of Euros - including non-members

	2022	2023	% Change 2022/2023
Benelux	2.039.889	1.889.564	-7,4%
Croatia	1.371.000	1.329.000	-3,1%
Czech Republic	720.590	620.245	-13,9%
Finland	n.a.	n.a.	---
France	3.988.617	3.634.220	-8,9%
Germany	8.165.290	7.025.157	-14,0%
Greece	464.019	424.853	-8,4%
Hungary	n.a.	403.090	---
Italy	5.372.000	5.130.000	-4,5%
Norway	237.622	243.930	2,7%
Poland	n.a.	n.a.	---
Portugal	n.a.	n.a.	---
Romania	n.a.	489.177	---
Spain	4.469.000	4.083.000	-8,6%
Sweden	488.708	n.a.	---
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	26.828.027	24.379.969	-9,1%

* including countries that reported data for both years

**Turnover in '000 of Euros
- including non-members -**



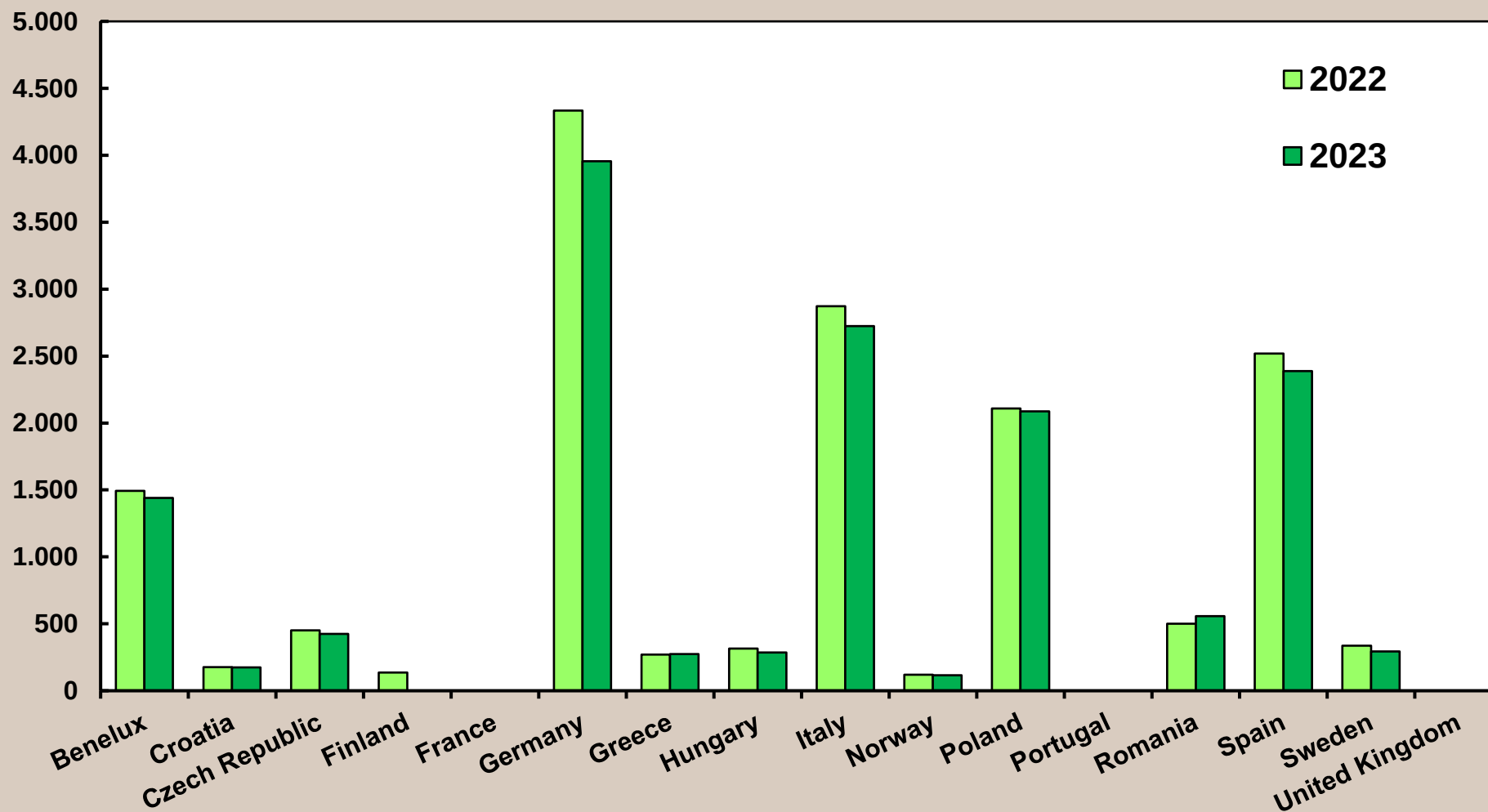
Raw Materials

Total Consumption in '000 tonnes - members only

	2022	2023	% Change 2022/2023
Benelux	1.493	1.441	-3,5%
Croatia	177	175	-1,1%
Czech Republic	451	425	-5,9%
Finland	136	n.a.	---
France	n.a.	n.a.	---
Germany	4.334	3.955	-8,7%
Greece	271	274	1,0%
Hungary	316	285	-9,8%
Italy	2.873	2.723	-5,2%
Norway	120	116	-3,0%
Poland	2.110	2.086	-1,1%
Portugal	n.a.	n.a.	---
Romania	500	557	11,4%
Spain	2.519	2.388	-5,2%
Sweden	337	293	-13,0%
United Kingdom	n.a.	n.a.	---
TOTAL EUROPE	15.501	14.718	-5,0%

* including countries that reported data for both years

**Raw Materials: Total Consumption in '000 tonnes
- members only -**



Raw Materials

as % of the Total Consumption in '000 tonnes - members only

	Brown Kraftliner		White or Colored Kraftliner		White Top Testliner		Testliners		Other Liners		Semi-Chemical Fluting		Other Fluting	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Benelux	14,7	14,7	5,3	5,3	10,5	9,1	45,2	44,2	5,7	5,8	0,9	1,5	17,8	19,4
Croatia	6,2	6,1	1,5	2,3	13,1	13,0	34,2	34,5	3,5	3,4	0,5	0,6	41,0	40,0
Czech Republic	12,3	12,0	2,8	2,8	6,2	7,5	36,2	34,3	3,3	6,5	0,4	0,4	38,8	36,6
Finland	29,5	n.a.	12,3	n.a.	0,0	n.a.	25,8	n.a.	0,0	n.a.	25,4	n.a.	7,0	n.a.
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	13,4	13,4	4,8	4,7	8,4	8,2	33,5	34,1	0,9	0,8	0,7	0,7	38,4	38,1
Greece	11,4	12,0	2,7	2,8	5,3	4,9	32,7	33,3	0,8	0,7	9,9	8,8	37,2	37,6
Hungary	14,8	13,9	2,6	1,9	8,4	7,9	30,8	31,7	4,2	3,0	1,9	1,4	37,3	40,2
Italy	14,8	14,6	7,2	7,5	1,7	1,6	24,5	23,2	4,2	3,4	5,9	6,2	41,7	43,5
Norway	14,7	15,0	28,4	29,4	0,7	0,7	21,2	22,6	0,0	0,4	16,2	15,7	18,8	16,1
Poland	8,3	7,9	1,6	1,4	13,5	12,2	37,3	37,4	1,8	2,3	0,6	0,6	36,9	38,2
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Romania	12,7	13,2	9,2	1,2	6,5	10,9	31,2	27,4	5,6	4,3	1,6	0,5	33,3	42,5
Spain	12,9	11,4	3,5	3,9	6,3	3,5	34,5	38,6	5,3	4,7	4,0	4,1	33,5	33,8
Sweden	25,0	28,0	8,0	8,0	0,0	0,0	24,0	26,0	0,0	0,0	8,0	9,0	35,0	29,0
United Kingdom	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL EUROPE as weighted average	13,3	12,8	4,9	4,6	7,3	6,7	33,2	33,7	3,1	3,0	2,9	2,8	35,4	36,4

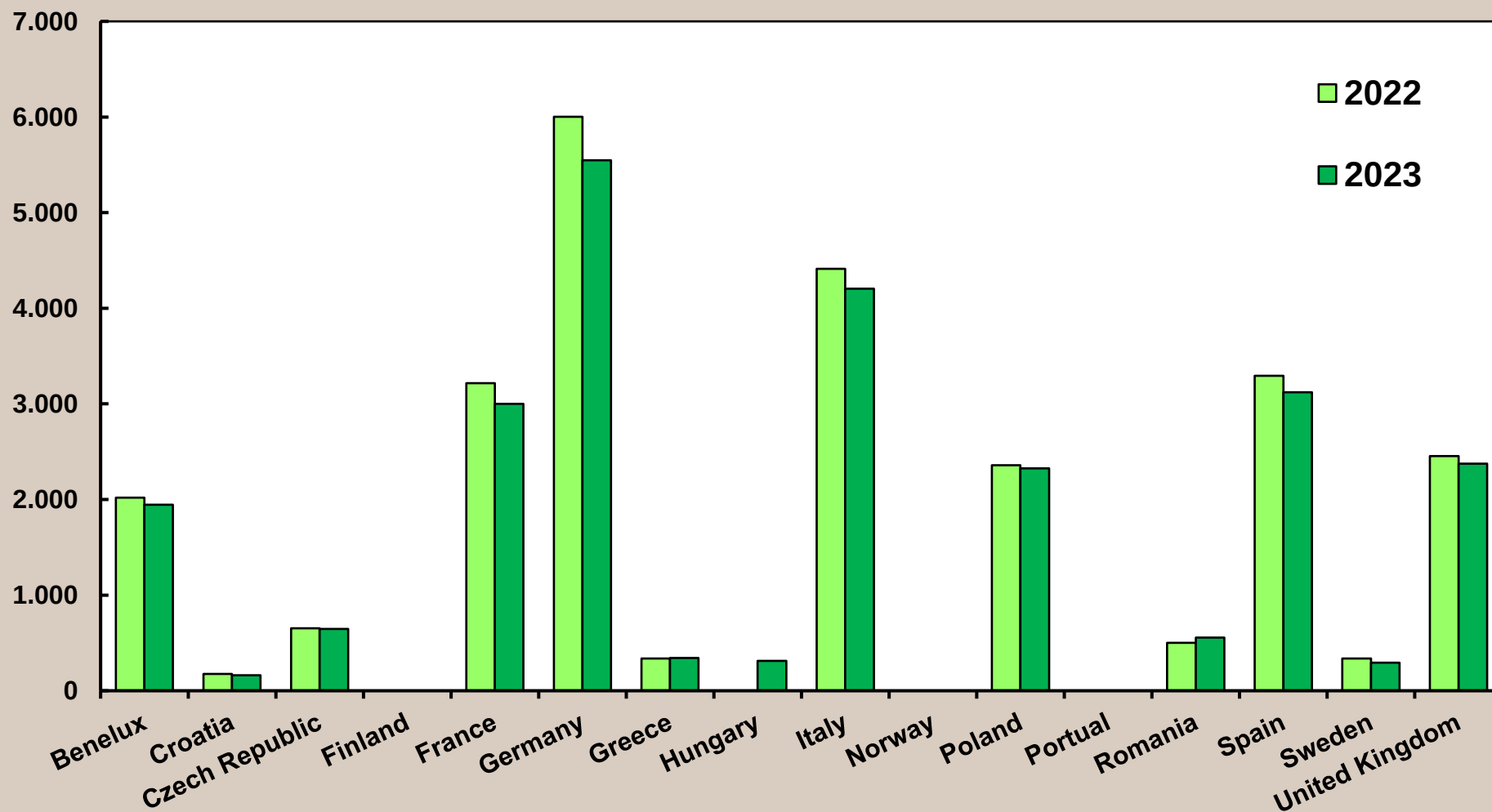
Raw Materials

Total Consumption in '000 tonnes - including non-members

	2022	2023	% Change 2022/2023
Benelux	2.018	1.946	-3,6%
Croatia	177	163	-7,9%
Czech Republic	653	646	-1,0%
Finland	n.a.	n.a.	---
France	3.216	3.000	-6,7%
Germany	6.002	5.547	-7,6%
Greece	338	342	1,1%
Hungary	n.a.	313	---
Italy	4.412	4.205	-4,7%
Norway	n.a.	n.a.	---
Poland	2.358	2.327	-1,3%
Portugal	n.a.	n.a.	---
Romania	500	557	11,4%
Spain	3.295	3.123	-5,2%
Sweden	337	293	-13,0%
United Kingdom	2.455	2.375	-3,2%
TOTAL EUROPE	25.762	24.524	-4,8%

* including countries that reported data for both years

**Raw Materials: Total Consumption in '000 tonnes
- including non-members -**



Production information

Products made in each of the fluting-types in % of m² - members only

	B-Flute		C-Flute		BC-Flute		E-Flute		Micro-Flute		Other Fluting-Types	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Benelux	47,4	47,2	15,0	14,9	8,7	8,5	7,1	6,3	0,9	1,5	20,9	21,6
Croatia	44,9	44,8	13,8	13,7	9,1	9,0	19,8	19,7	2,0	2,0	10,4	10,8
Czech Republic	48,5	47,2	9,2	10,4	12,2	12,0	16,3	15,9	0,0	0,0	13,8	14,5
Finland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	34,7	33,7	11,1	10,9	15,7	15,1	14,5	15,0	0,9	1,0	23,1	24,2
Greece	28,8	27,1	37,0	37,1	20,2	21,0	8,3	8,2	0,0	0,2	5,7	6,4
Hungary	36,7	38,2	13,1	13,6	14,9	14,7	15,8	16,8	6,2	7,1	13,3	9,4
Italy	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	49,2	50,6	28,0	28,1	6,6	6,1	14,2	13,5	0,4	0,4	1,6	1,3
Poland	42,4	42,1	13,9	13,1	11,3	12,5	16,6	15,0	0,0	0,5	15,8	16,8
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Romania	39,8	40,6	17,4	17,1	17,1	20,5	14,9	12,8	0,4	3,5	10,4	5,5
Spain	n.a.	22,0	n.a.	25,8	n.a.	18,7	n.a.	15,0	n.a.	2,7	n.a.	15,9
Sweden	37,0	35,0	40,0	44,0	0,0	0,0	0,0	0,0	0,0	0,0	23,0	21,0
United Kingdom	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL EUROPE as weighted average	39,0	35,3	14,5	16,6	13,1	14,4	13,7	13,7	0,6	1,4	19,1	18,6

Production information

Percentage of Production by Number of Flexo Printed Colours members only

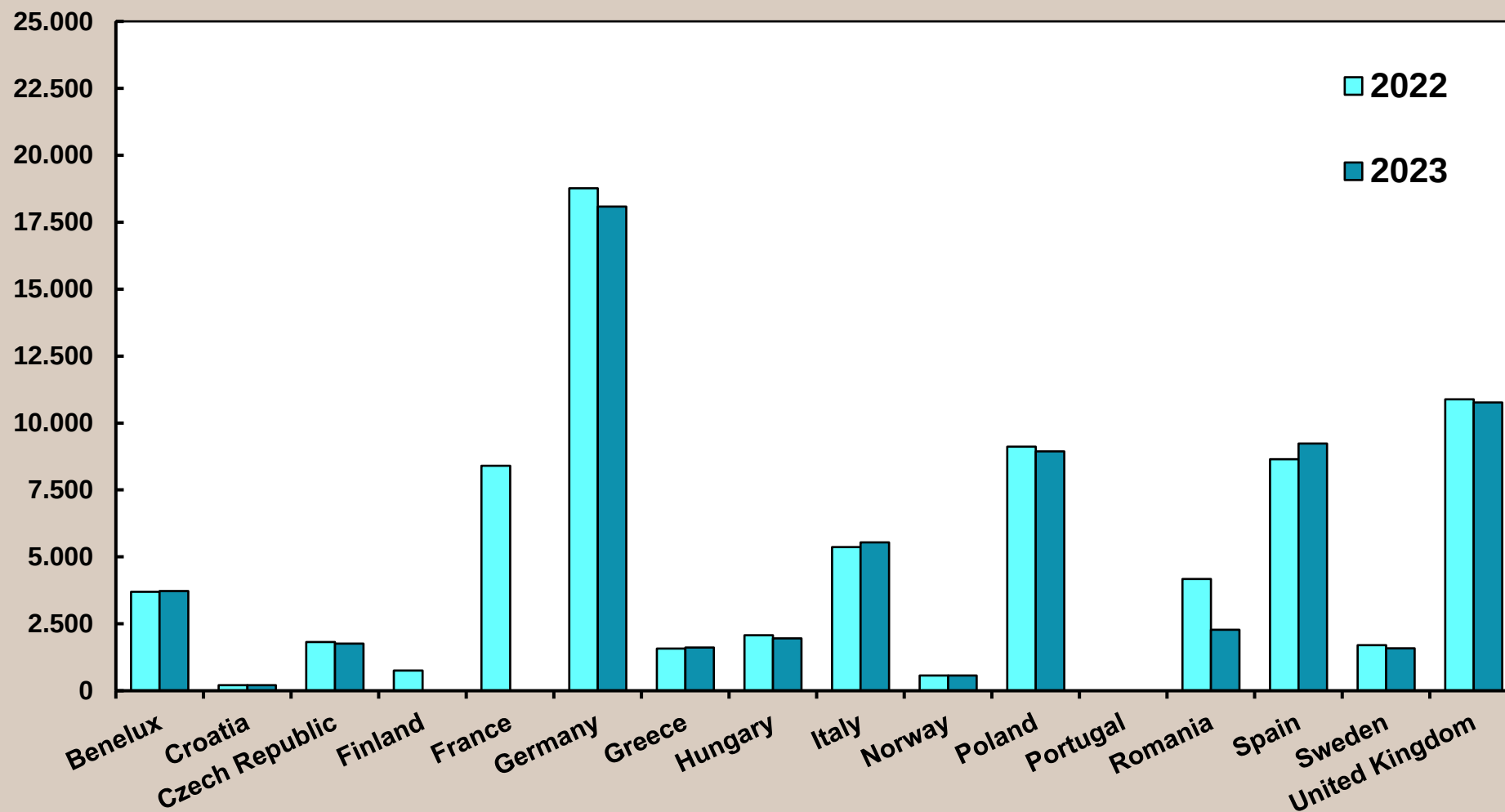
	0		1		2		3		>3	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Benelux	32,2	36,7	39,4	36,5	15,5	14,8	7,1	6,6	5,8	5,5
Croatia	56,2	55,6	25,7	25,4	7,1	7,3	6,3	6,7	4,7	5,0
Czech Republic	32,3	33,6	41,3	45,8	12,9	11,3	6,3	5,2	7,2	4,0
Finland	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
France	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	29,3	28,0	36,9	37,4	15,1	15,8	10,5	10,8	8,2	7,9
Greece	29,8	32,3	33,7	32,4	20,2	19,6	10,5	10,1	5,8	5,6
Hungary	47,0	46,0	25,5	27,2	12,3	12,3	5,9	6,4	9,3	8,1
Italy	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	32,5	32,4	34,6	35,2	17,2	16,8	10,0	10,1	5,7	5,5
Poland	51,1	52,4	23,6	22,4	10,9	10,9	6,0	6,0	8,4	8,3
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Romania	40,0	39,5	37,9	38,4	10,7	11,7	5,1	4,9	6,2	5,5
Spain	n.a.	17,5	n.a.	43,4	n.a.	16,9	n.a.	11,7	n.a.	10,5
Sweden	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
United Kingdom	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL EUROPE as weighted average	36,2	33,1	33,9	35,4	13,8	14,6	8,5	9,0	7,7	7,9

Total Number of Employees - members only

	Production Employees		Number of rest of Employees		Total Employees	
	2022	2023	2022	2023	2022	2023
Benelux	2.690	2.536	1.010	1.186	3.700	3.722
Croatia	159	161	47	45	206	206
Czech Republic	1.488	1.437	336	325	1.824	1.762
Finland	545	n.a.	206	n.a.	751	n.a.
France	5.239	n.a.	3.161	n.a.	8.400	n.a.
Germany	15.239	14.593	3.528	3.490	18.767	18.083
Greece	1.001	1.011	572	599	1.573	1.610
Hungary	1.418	1.355	657	604	2.075	1.959
Italy	4.296	4.432	1.074	1.108	5.370	5.540
Norway	376	377	197	197	573	574
Poland	6.278	6.139	2.834	2.798	9.112	8.937
Portugal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Romania	2.702	1.688	1.467	593	4.169	2.281
Spain	6.572	7.054	2.073	2.175	8.645	9.229
Sweden	1.178	1.078	525	510	1.703	1.588
United Kingdom	7.257	7.179	3.623	3.584	10.880	10.763
TOTAL EUROPE	50.654	49.040	17.943	17.214	68.597	66.254

* including countries that reported data for both years

Total Number of Employees - members only -



Organisational Information

Nominal Number of working days per calendar year - members only

	2022	2023	% Change 2022/2023
Benelux	237	238	0,4%
Croatia	250	250	0,0%
Czech Republic	252	250	-0,8%
Finland	n.a.	n.a.	---
France	253	251	-0,8%
Germany	252	250	-0,8%
Greece	258	256	-0,8%
Hungary	231	231	0,0%
Italy	252	250	-0,8%
Norway	227	230	1,3%
Poland	251	250	-0,4%
Portugal	236	235	-0,4%
Romania	251	248	-1,2%
Spain	221	221	0,0%
Sweden	228	226	-0,9%
United Kingdom	248	248	0,0%
Average	243	242	-0,4%

Organisational Information

Nominal Number of working hours per employee/calendar year - members only

	2022	2023	% Change 2022/2023
Benelux	1.878	1.904	1,4%
Croatia	2.000	2.000	0,0%
Czech Republic	1.889	2.000	5,9%
Finland	n.a.	n.a.	---
France	1.456	n.a.	---
Germany	1.179	1.166	-1,1%
Greece	2.064	2.048	-0,8%
Hungary	1.848	1.848	0,0%
Italy	2.016	2.000	-0,8%
Norway	1.690	1.725	2,1%
Poland	2.008	2.000	-0,4%
Portugal	n.a.	n.a.	---
Romania	2.008	1.984	-1,2%
Spain	1.768	1.768	0,0%
Sweden	1.505	1.492	-0,9%
United Kingdom	1.710	1.710	0,0%
Average	1.813	1.819	0,3%

Classification of Production by End User in % of m² (I) - members only

		Benelux		Croatia		Czech Republic		France		Finland		Germany		Greece		Hungary		Italy	
		2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
1	Fresh Produce	16,4	16,9	7,3	7,5	0,9	1,3	n.a.	n.a.	10,5	n.a.	2,7	2,6	10,8	11,4	2,6	3,7	9,9	9,8
2	Meat & fish	2,4	2,6	13,1	13,0	0,9	1,3	n.a.	n.a.	3,7	n.a.	2,4	2,6	5,0	5,5	2,8	2,8	3,3	4,0
3	Dairy products	4,8	4,7	24,7	24,9	11,0	11,7	n.a.	n.a.	6,8	n.a.	7,8	8,1	6,1	6,0	5,1	3,4	5,0	5,2
4	Processed food	23,7	24,0	13,8	13,6	14,0	13,6	n.a.	n.a.	20,7	n.a.	27,9	29,2	22,0	21,1	10,4	18,8	30,8	31,0
5	Beverages	6,2	5,9	6,3	6,2	5,9	5,4	n.a.	n.a.	7,7	n.a.	6,9	6,7	9,6	9,1	3,5	4,8	11,5	12,6
6	FMCG= Fast Moving Consumer Goods	9,8	9,4	5,5	5,7	17,1	15,8	n.a.	n.a.	4,5	n.a.	10,1	10,1	12,3	12,2	21,8	14,8	9,3	10,2
7	Long lasting goods	2,5	2,0	4,2	4,1	11,6	10,3	n.a.	n.a.	4,6	n.a.	5,9	6,0	1,4	1,2	7,2	7,5	3,6	3,6
8	IT, Communication & Audio	0,2	0,2	0,0	0,5	5,2	2,9	n.a.	n.a.	0,4	n.a.	1,9	1,9	0,3	0,3	13,2	11,5	2,2	2,4
9	Capital goods	3,2	3,2	5,1	4,9	4,5	5,7	n.a.	n.a.	1,7	n.a.	3,3	3,2	2,7	2,5	4,5	9,3	1,2	2,5
10	Auxiliary goods	5,1	4,2	2,4	2,3	3,5	2,5	n.a.	n.a.	6,5	n.a.	8,8	8,5	5,0	5,1	4,9	3,5	3,2	3,0
11	Logistics	3,1	3,1	1,6	1,5	0,8	0,7	n.a.	n.a.	3,3	n.a.	1,4	1,6	0,5	0,9	0,2	0,4	1,6	1,8
12	Packaging for ecommerce	1,1	1,2	8,7	9,0	10,7	14,6	n.a.	n.a.	4,3	n.a.	8,3	7,5	1,1	1,3	0,2	2,5	9,9	8,8
13	Paper products	9,0	10,5	2,3	2,7	7,4	8,2	n.a.	n.a.	14,7	n.a.	4,6	4,4	9,8	10,2	13,9	10,5	6,8	4,1
14	Others products excluding sheets	12,5	12,1	5,0	4,1	6,5	6,0	n.a.	n.a.	10,6	n.a.	7,9	7,6	13,3	13,3	9,7	6,5	1,7	1,0
15	Total	100%	100%	100%	100%	100%	100%			100%		100%	100%	100%	100%	100%	100%	100%	100%

Classification of Production by End User in % of m² (II) - members only

		Norway		Poland		Portugal		Romania		Spain		Sweden		United Kingdom		weighted Average	
		2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
1	Fresh Produce	14,6	14,0	8,4	9,2	n.a.	n.a.	2,8	3,0	n.a.	16,2	n.a.	n.a.	n.a.	n.a.	6,9	8,6
2	Meat & fish	16,0	14,7	5,0	5,1	n.a.	n.a.	1,8	1,2	n.a.	10,2	n.a.	n.a.	n.a.	n.a.	3,4	4,7
3	Dairy products	9,5	9,2	7,7	7,4	n.a.	n.a.	4,3	3,1	n.a.	5,6	n.a.	n.a.	n.a.	n.a.	7,1	6,8
4	Processed food	15,1	15,2	15,9	16,8	n.a.	n.a.	7,0	9,1	n.a.	18,2	n.a.	n.a.	n.a.	n.a.	24,1	23,5
5	Beverages	5,3	5,1	5,8	5,6	n.a.	n.a.	5,8	4,2	n.a.	9,7	n.a.	n.a.	n.a.	n.a.	7,6	7,9
6	FMCG= Fast Moving Consumer Goods	4,7	4,6	10,8	10,8	n.a.	n.a.	15,7	16,3	n.a.	10,8	n.a.	n.a.	n.a.	n.a.	10,4	10,7
7	Long lasting goods	6,8	3,8	10,5	9,9	n.a.	n.a.	27,1	23,5	n.a.	2,5	n.a.	n.a.	n.a.	n.a.	6,9	5,9
8	IT, Communication & Audio	1,4	1,1	4,8	3,6	n.a.	n.a.	1,0	1,0	n.a.	0,6	n.a.	n.a.	n.a.	n.a.	2,4	2,1
9	Capital goods	0,0	0,0	1,2	1,0	n.a.	n.a.	3,7	4,2	n.a.	2,2	n.a.	n.a.	n.a.	n.a.	2,5	2,8
10	Auxiliary goods	0,0	0,0	1,5	1,3	n.a.	n.a.	1,3	2,0	n.a.	3,8	n.a.	n.a.	n.a.	n.a.	5,1	4,5
11	Logistics	6,5	11,2	0,6	0,7	n.a.	n.a.	0,3	0,3	n.a.	5,4	n.a.	n.a.	n.a.	n.a.	1,4	2,2
12	Packaging for ecommerce	0,0	0,0	8,9	7,9	n.a.	n.a.	0,7	2,2	n.a.	5,9	n.a.	n.a.	n.a.	n.a.	7,7	6,8
13	Paper products	2,1	1,7	9,0	9,1	n.a.	n.a.	12,3	12,8	n.a.	2,8	n.a.	n.a.	n.a.	n.a.	6,8	5,9
14	Others products excluding sheets	18,0	19,2	10,0	11,8	n.a.	n.a.	16,3	17,3	n.a.	6,2	n.a.	n.a.	n.a.	n.a.	7,8	7,6
15	Total	100%	100%	100%	100%			100%	100%		100%					100%	100%

Production per production head

in millions of m² - members only

	2022	2023	% Change 2022/2023
Benelux	0,736	0,767	4,2%
Croatia	1,893	1,863	-1,6%
Czech Republic	0,566	0,561	-0,9%
Finland	n.a.	n.a.	---
France	n.a.	n.a.	---
Germany	0,562	0,539	-4,1%
Greece	0,535	0,549	2,5%
Hungary	0,000	0,385	---
Italy	1,182	1,088	-8,0%
Norway	0,621	0,615	-0,9%
Poland	0,687	0,688	0,2%
Portugal	n.a.	n.a.	---
Romania	0,331	0,527	59,2%
Spain	0,691	0,610	-11,8%
Sweden	0,576	0,518	-10,1%
United Kingdom	0,569	0,554	-2,6%
TOTAL EUROPE	0,648	0,636	-2,0%