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# Construction prices increased significantly in 2022

## Price increases on quarter-to-quarter as well on year-on-year levels

Vienna, 2023-02-10 – At the end of the year, construction prices again increased significantly. According to Statistics Austria, the construction output price index for the entire building construction and civil engineering sector rose by 9.8 % on average in 2022 compared with 2021.

The construction output price index for the **entire building construction and civil engineering** sector (base year 2020) reached 115.6 index points (+9.8 %) in 2021. In the fourth quarter of 2022, this index altered to 118.8 points, which represents a growth of 10.0 % over the fourth quarter of 2021. In comparison to the third quarter of 2022, the construction output price index increased by 1.0 %.

The construction output price index of **building construction** changed to 125.1 index points in 2022 (+15.6 % in annual comparison). In the same period, the indices for **residential buildings** and **other building construction** reached 124.2 and 126.3 index points, which represents an increase in annual comparison by 15.0 % and 16.3 %, respectively. In the fourth quarter of 2022, the output price index of **building construction** increased to 130.2 index points (+15.6 % in annual comparison; +1.4 % in quarterly comparison). Also the indices of **residential buildings** and **other building construction** changed to 129.1 and 131.7 index points, which represents an increase of 15.2 % and 16.2 % compared to the fourth quarter of 2021 (see tables 1 and 2).

The index for the overall **civil engineering sector** reached 102.4 index points in the year 2022 (+1.1 % compared to 2021). In the fourth quarter of 2022, this index altered to 103.0 index points, which represents a growth of 1.3 % over the fourth quarter of 2021. In comparison to the third quarter of 2022, the index increased by 0.4 %. The index for **road construction**, averaged over 2022, increased to 102.9 index points (+1.4 % in annual comparison), the index for **bridge construction** changed to 103.5 points (+1.7 % over 2021), and the index for **other civil engineering** reached 101.8 points (+0.7 % in annual comparison; see tables 3 and 4).

In the **building construction** sector, construction services such as blacktop work, tinsmith's work, curtain wall services and electrical installations/light engineering showed significant price increases.

Compared to 2021, a substantial price increase for bituminous roadbases and wearing courses services for all **civil engineering sectors** were observed. Furthermore, construction services like concrete and reinforced concrete work or masonry showed significant price increases in the **road construction** and **other civil engineering** sector. An additional price driver in **road construction** was the group shafts and coverings, while in the **other civil engineering** sector services like pipes, water supply and pressure line drove prices upwards. For **bridge construction**, the main price drivers were bridge equipment and preliminary, subgrade level, unbound base course.

Detailed results and further information on the construction cost index can be found on our [website](#).

**Table 1: Construction price indices, compared to previous quarter, base 2020**

Quarter/Year	Building construction and civil engineering		Building construction		Residential buildings		Other building construction	
	Index	Previous Period	Index	Previous Period	Index	Previous Period	Index	Previous Period
Q1 2021	101.9	1.3	102.7	2.0	102.7	2.1	102.8	2.1
Q2 2021	104.7	2.7	107.3	4.5	107.1	4.3	107.6	4.7
Q3 2021	106.6	1.8	110.3	2.8	110.0	2.7	110.7	2.9
Q4 2021	108.0	1.3	112.6	2.1	112.1	1.9	113.3	2.3
Year 2021	105.3		108.2		108.0		108.6	
Q1 2022	110.8	2.6	117.2	4.1	116.6	4.0	118.1	4.2
Q2 2022	115.1	3.9	124.4	6.1	123.5	5.9	125.7	6.4
Q3 2022	117.6	2.2	128.4	3.2	127.4	3.2	129.8	3.3
Q4 2022	118.8	1.0	130.2	1.4	129.1	1.3	131.7	1.5
Year 2022	115.6		125.1		124.2		126.3	

Q: STATISTICS AUSTRIA.

**Table 2: Construction price indices, compared to previous year, base 2020**

Quarter/Year	Building construction and civil engineering		Building construction		Residential buildings		Other building construction	
	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period
Q1 2021	101.9	2.8	102.7	3.6	102.7	3.7	102.8	3.7
Q2 2021	104.7	4.9	107.3	7.4	107.1	7.2	107.6	7.7
Q3 2021	106.6	6.2	110.3	9.9	110.0	9.6	110.7	10.4
Q4 2021	108.0	7.4	112.6	11.8	112.1	11.4	113.3	12.5
Year 2021	105.3	5.3	108.2	8.2	108.0	8.0	108.6	8.6
Q1 2022	110.8	8.7	117.2	14.1	116.6	13.5	118.1	14.9
Q2 2022	115.1	9.9	124.4	15.9	123.5	15.3	125.7	16.8
Q3 2022	117.6	10.3	128.4	16.4	127.4	15.8	129.8	17.3
Q4 2022	118.8	10.0	130.2	15.6	129.1	15.2	131.7	16.2
Year 2022	115.6	9.8	125.1	15.6	124.2	15.0	126.3	16.3

Q: STATISTICS AUSTRIA.

**Table 3: Construction price indices of civil engineering sector, compared to previous quarter, base 2020**

Quarter/Year	Civil engineering		Road Construction		Bridge Construction		Other civil engineering	
	Index	Previous Period	Index	Previous Period	Index	Previous Period	Index	Previous Period
Q1 2021	100.9	0.3	101.0	0.2	101.2	0.6	100.8	0.2
Q2 2021	101.2	0.3	101.3	0.3	101.5	0.3	101.0	0.2
Q3 2021	101.5	0.3	101.7	0.4	102.1	0.6	101.3	0.3
Q4 2021	101.7	0.2	102.1	0.4	102.3	0.2	101.3	0.0
Year 2021	101.3		101.5		101.8		101.1	
Q1 2022	101.9	0.2	102.3	0.2	102.9	0.6	101.4	0.1
Q2 2022	102.2	0.3	102.6	0.3	103.3	0.4	101.7	0.3
Q3 2022	102.6	0.4	103.1	0.5	103.8	0.5	101.9	0.2
Q4 2022	103.0	0.4	103.6	0.5	104.1	0.3	102.2	0.3
Year 2022	102.4		102.9		103.5		101.8	

Q: STATISTICS AUSTRIA.

**Table 4: Construction price indices of civil engineering sector, compared to previous year, base 2020**

Quarter/Year	Civil engineering		Road Construction		Bridge Construction		Other civil engineering	
	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period
Q1 2021	100.9	1.6	101.0	1.9	101.2	1.8	100.8	1.4
Q2 2021	101.2	1.4	101.3	1.4	101.5	1.7	101.0	1.2
Q3 2021	101.5	1.3	101.7	1.5	102.1	2.0	101.3	1.2
Q4 2021	101.7	1.1	102.1	1.3	102.3	1.7	101.3	0.7
Year 2021	101.3	1.3	101.5	1.5	101.8	1.8	101.1	1.1
Q1 2022	101.9	1.0	102.3	1.3	102.9	1.7	101.4	0.6
Q2 2022	102.2	1.0	102.6	1.3	103.3	1.8	101.7	0.7
Q3 2022	102.6	1.1	103.1	1.4	103.8	1.7	101.9	0.6
Q4 2022	103.0	1.3	103.6	1.5	104.1	1.8	102.2	0.9
Year 2022	102.4	1.1	102.9	1.4	103.5	1.7	101.8	0.7

Q: STATISTICS AUSTRIA.

**Information on methodology:** In the base year of an index period, the mean annual index number is standardised to the value 100.0. This index period is defined as the base year. The mean index number of the construction cost index for the year 2020 is therefore 100.0.

**If you have any questions on this topic, please contact:**

Lukas Karbun, phone: +43 1 711 28-7432 | e-mail: [lukas.karbun@statistik.gv.at](mailto:lukas.karbun@statistik.gv.at)

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STATISTICS AUSTRIA | Federal Institution under Public Law | Guglgasse 13 | 1110 Vienna | [www.statistik.at](http://www.statistik.at)

Press: phone: +43 1 711 28-7777 | e-mail: [presse@statistik.gv.at](mailto:presse@statistik.gv.at)

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