

KWD Market + Charts

## **Heating & Plumbing Pipes Europe 2021**

Consumption of pipes by material and country

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### **Contents:**

- Introduction / Statistics: Country and Construction Information
- Consumption of Heating & Plumbing Pipes 2019 – 2023
- European Overview of Heating & Plumbing Pipes
- KWD-globalpipe - News on plastic pipes and fittings in 2020/2021
- TOP 10 Producers of Multilayer and PEX / PE-RT Pipes in Europe
- Company Profiles and Certifications of Pipe Manufacturers
- Pipes in "Tons" - Long Term Charts 2015 – 2020

### **Includes:**

- All tables and graphs of pipe consumption as Excel file
- All figures of pipe consumption as Excel Pivot table
- Crisis Calculator helps to solve unexpected problems in the construction sector

### **Price Information:**

19 Countries, 284 pages, charts and graphics, digital version, in English language  
Includes all tables and charts as Excel file and PIVOT table, includes a Crisis Calculator  
985,- € for subscribers of KWD-SHK or KWD-globalpipe, 1.200,- € for all others

### **Authors:**

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## **An Introduction to the Report Update**

The present report KWD Market + Charts "Heating & Plumbing Pipes Europe 2021" is prepared on a regular basis. The report estimates how many million meters of pipe have been used in domestic installations in Europe and lists them according to pipe materials and application areas (see chapter 1.3). This report considers the 19 European countries that are listed in Euroconstruct under EC 19.

### **Response to the consequences of the Corona Pandemic**

When we published our last issue of our KWD Market + Charts market report, the Corona Pandemic was just beginning. This hit all areas of life hard and thus, of course, the construction sector as well. We finally decided to launch the report anyway and developed the crisis calculator to mitigate the Corona effects. It enabled anyone to enter any market changes in percent per country and see the effects on pipe consumption.

### **The Crisis Calculator**

In the meantime, the situation in the construction industry has calmed down and we all hope to be able to lead a more or less normal life again. However, as a result of the crisis and the various lockdowns in many countries, there are problems with transportation and with shortage of raw materials. The effects cannot really be predicted. In order to be able to influence any effects that may arise as a result of any problems, we have decided to supply the crisis calculator tool again. This allows special effects to be taken into account for the years 2022 and 2023. The pipe consumption figures will then be recalculated according to individual estimates.

## **Analyzed Pipe Materials and Applications**

In the report KWD Market + Charts "Heating Plumbing Pipes Europe" we provide market estimates broken down by country, application and pipe materials for the use of indoor pipes.

### **Applications**

FH: under floor heating / surface heating and cooling

RA: radiator connection

SA: hot and cold water / sanitary systems

### **Pipe Materials**

Metal Pipe Materials

- Steel: Steel / C-Steel
- Copper: Copper
- StSteel: Stainless Steel

Plastic Pipe Materials

- PEX: Crosslinked Polyethylene (total of PE-Xa, PE-Xb and PE-Xc)
- PE-RT: Polyethylene of Raised Temperature Resistance
- PP-R: Propylene Random Copolymer
- PB: Polybutylene

Multilayer / Composite Pipes

- PEX / Al / . . . : Aluminium Multilayer Pipe with PEX as Inliner Material
- PE-RT / Al / . . . : Aluminium Multilayer Pipe with PE-RT as Inliner Material



### 3.16 Slovakia (tables and charts)

#### Floor Heating / Surface Heating & Cooling - Slovakia

	Year	Metal-Pipes			Plastic-Pipes				Multi layer	Totals		Total
		Steel	Copper	StSteel	PEX	PE-RT	PP-R	PB		Metal	Plastics	
Pipes in Million Meters	2019	0.02	0.00	0.00	0.53	0.70	0.00	0.00	0.11	0.02	1.23	1.36
	2020	0.02	0.00	0.00	0.57	0.75	0.00	0.00	0.12	0.02	1.32	1.46
	2021	0.01	0.00	0.00	0.61	0.80	0.00	0.00	0.13	0.01	1.41	1.55
	2022	0.01	0.00	0.00	0.65	0.86	0.00	0.00	0.14	0.01	1.51	1.66
	2023	0.00										
% Change on Previous Years	2019	-										
	2020	0.00										
	2021	-50.00										
	2022	0.00										
	2023	-100.00										
% Market Share	2019	1.47										
	2020	1.37										
	2021	0.65										
	2022	0.60										
	2023	0.00										

	Year	Metal-Pipes			Plastic-Pipes				Multi layer	Totals		Total
		Steel	Copper	StSteel	PEX	PE-RT	PP-R	PB		Metal	Plastics	
Pipes in Million Meters	2019	0.35	0.58	0.00	0.31	0.24	1.15	0.07	0.94	0.93	1.77	3.64
	2020	0.34	0.58	0.00	0.31	0.24	1.15	0.07	0.94	0.93	1.77	3.64
	2021	0.33	0.58	0.00	0.31	0.24	1.15	0.07	0.94	0.93	1.77	3.64
	2022	0.31	0.58	0.00	0.31	0.24	1.15	0.07	0.94	0.93	1.77	3.64
	2023	0.30	0.58	0.00	0.31	0.24	1.15	0.07	0.94	0.93	1.77	3.64
% Change on Previous Years	2019	-	-	-	-	-	-	-	-	-	-	-
	2020	-2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2021	-2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2022	-6.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2023	-3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Market Share	2019	9.62	15.77	0.00	8.54	6.60	31.56	1.92	25.53	24.46	49.99	75.45
	2020	9.29	15.77	0.00	8.54	6.60	31.56	1.92	25.53	24.46	49.99	75.45
	2021	8.89	15.77	0.00	8.54	6.60	31.56	1.92	25.53	24.46	49.99	75.45
	2022	8.31	16.13	0.00	8.54	6.60	31.56	1.92	25.53	24.46	49.99	75.45
	2023	7.96	16.13	0.00	8.54	6.60	31.56	1.92	25.53	24.46	49.99	75.45

	Year	Metal		Plastic	Total
		Steel	Copper		
Pipes in Million Meters	2019	0.65	0.00	0.00	0.65
	2020	0.64	0.00	0.00	0.64
	2021	0.63	0.00	0.00	0.63
	2022	0.63	0.00	0.00	0.63
	2023	0.64	0.00	0.00	0.64
% Change on Previous Years	2019	-	-	-	-
	2020	-1.54	0.00	0.00	-1.54
	2021	-1.56	0.00	0.00	-1.56
	2022	0.00	0.00	0.00	0.00
	2023	1.59	0.00	0.00	1.59
% Market Share	2019	19.76	0.00	0.00	19.76
	2020	19.75	0.00	0.00	19.75
	2021	19.63	0.00	0.00	19.63
	2022	19.57	0.00	0.00	19.57
	2023	19.69	0.00	0.00	19.69

	Year	Metal		Plastic	Total
		Steel	Copper		
Pipes in Million Meters	2019	1.02	0.00	0.00	1.02
	2020	1.00	0.00	0.00	1.00
	2021	0.97	0.00	0.00	0.97
	2022	0.95	0.00	0.00	0.95
	2023	0.94	0.00	0.00	0.94
% Change on Previous Years	2019	-	-	-	-
	2020	-1.96	0.00	0.00	-1.96
	2021	-3.00	0.00	0.00	-3.00
	2022	-2.06	0.00	0.00	-2.06
	2023	-1.05	0.00	0.00	-1.05
% Market Share	2019	12.30	0.00	0.00	12.30
	2020	11.96	0.00	0.00	11.96
	2021	11.45	0.00	0.00	11.45
	2022	11.03	0.00	0.00	11.03
	2023	10.74	0.00	0.00	10.74

#### Estimation of the consumption of Heating & Plumbing Pipes in Europe

The report covers the EC19 countries (as defined by EUROCONSTRUCT):

Austria	Italy
Belgium	Netherlands
Czech Republic	Norway
Denmark	Poland
Finland	Portugal
France	Slovakia
Germany	Spain
Great Britain	Sweden
Hungary	Switzerland
Ireland	

Europe / Western Europe / Eastern Europe

A range of 5 years is always shown per country:

- 2 years backward
- Current year
- 2 years forward

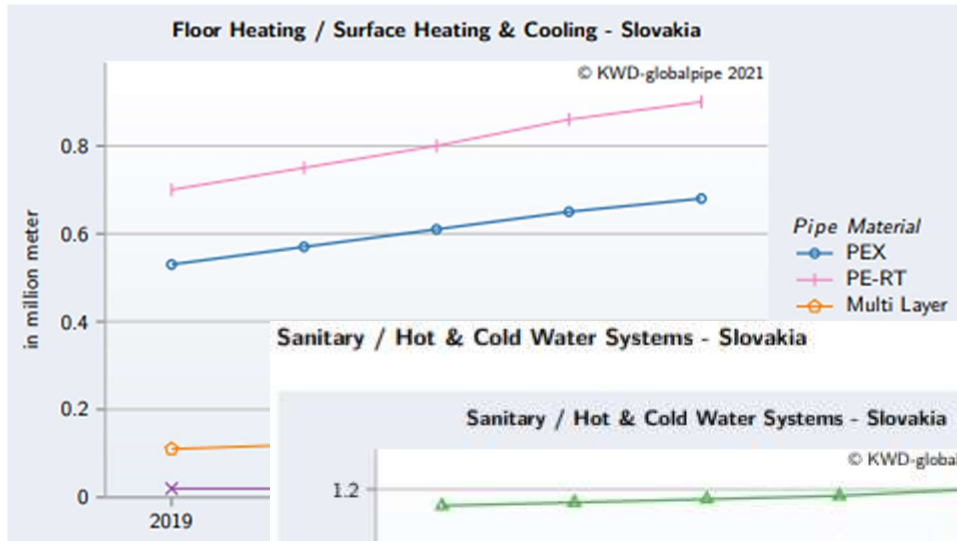
Shown is the pipe consumption for the applications:

- Floor Heating / Surface Heating & Cooling
- Radiator Connection
- Sanitary Installations (Hot & Cold Water Systems)

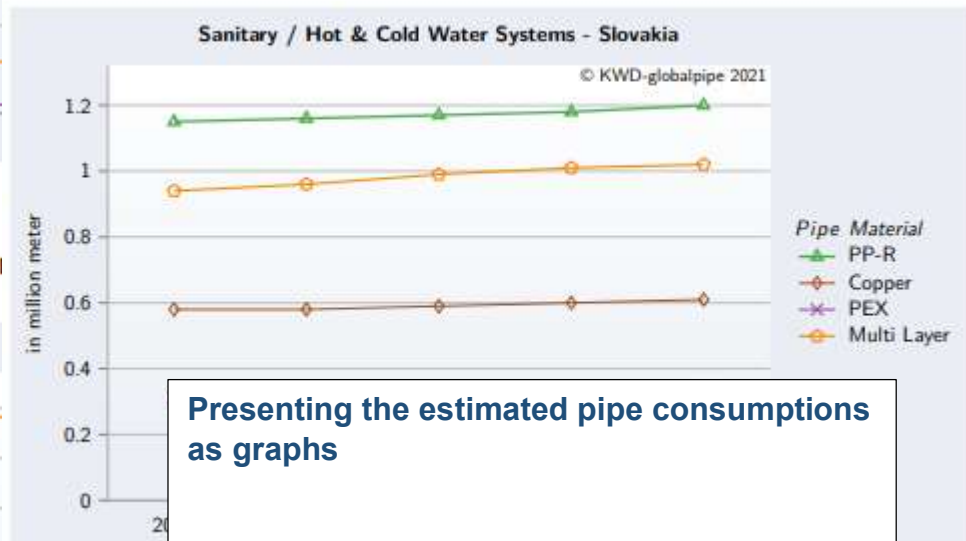
The analysis includes the following contents:

- estimated pipe consumption per application and as a total
- % change on previous years
- % market share

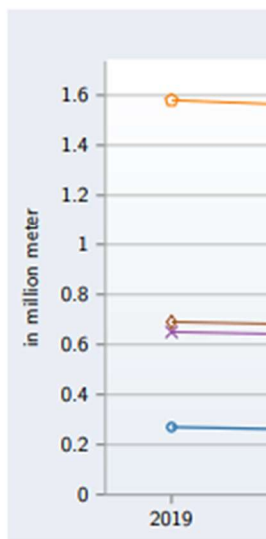
**Floor Heating / Surface Heating & Cooling - Slovakia**



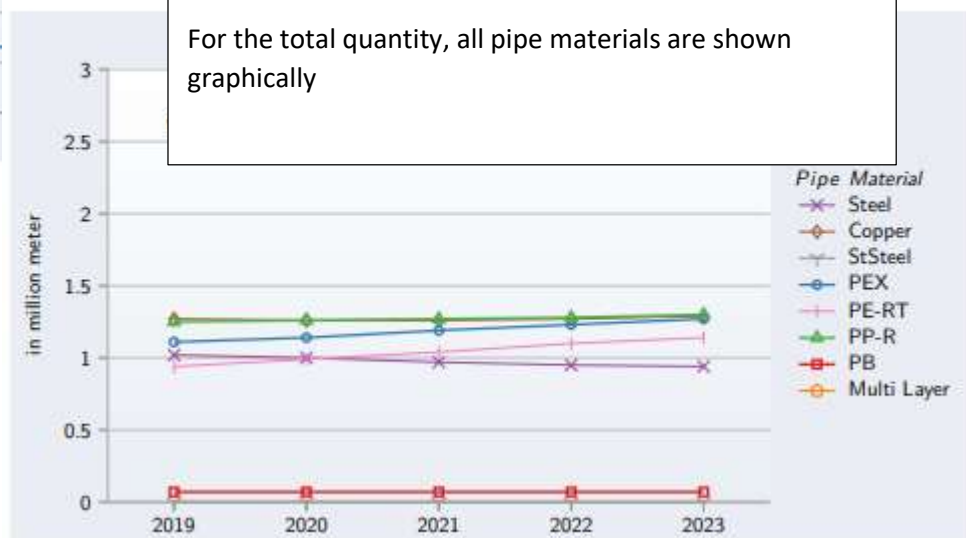
**Sanitary / Hot & Cold Water Systems - Slovakia**



**Radiator Connection - Slovakia**



**Heating & Plumbing - Slovakia**



**Presenting the estimated pipe consumptions as graphs**

For each application the 4 strongest pipe materials are shown

For the total quantity, all pipe materials are shown graphically

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