



IC Market Forecast & Company Profiles® Thermal Insulation Worldwide 2022

Austria

Romania

Belgium

Russia

China

Saudi Arabia

Czech Republic

Slovakia

■ France

Spain

■ Germany

Sweden

Italy

Switzerland

Netherlands

Turkey

Poland

UK

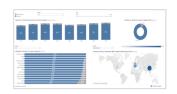
Company Profiles





Interactive Dashboards





Market Drivers



automatically updated



more than just a report - A TOOL FOR SUCCESS!

defining growth potential since 1998

Detecting Market
Potential



GEO-Maps



Benchmarks



Strategic Workshops



on request

What Do You Get - Your Benefits at a Glance Content of the Report



Benefits

Market Data, Insights and Expertise...



MARKET ANALYSIS

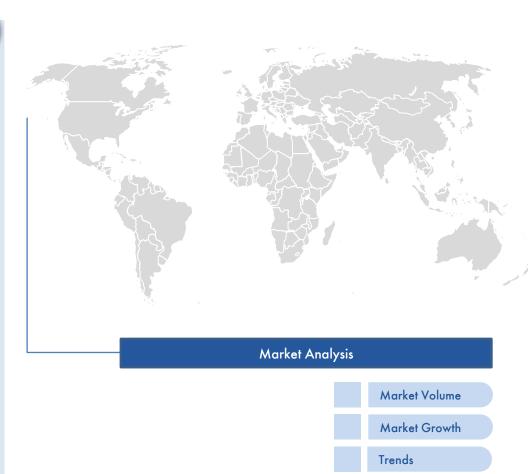
- Historical market data from 2019 2021 for the total market development as well as
 - Product Groups
 - Customer Segments
 - Application Areas
 - Business Segments
- Forecasts from 2022 2025 for the total market as well as each analyzed product group and segment
- Annual updates of the data

MARKET DRIVERS

- Analysis of the most relevant market drivers such as GDP, building construction, etc.
- Continuous updates of the data

COMPANY PROFILES

- Top players (Available for free with 6 countries package)
- Total group sales, company highlights, etc.



What Do You Get - Your Benefits at a Glance Presentation of the Data and Deliverables



Benefits

Market Intelligence Tool Access and Deliverables



ONLINE-COCKPITS

- Online Dashboard-Tool including all data of the report enabling your individual and specific analysis
- User-friendly and intuitive operation of the dashboards
- Online access to the dashboards with all devices (PC, Laptops, Smartphone, Tablet, ...) everywhere, every time
- Download and extract of the data from the dashboards

EXECUTIVE REPORTS

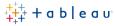
- Executive report including key facts of the report and background information about forecasts, trends and the competitive landscape
- Infographics summarizing the market and providing regional comparisons and contrasts already integrated within Tableau

PIVOT-TABLES / RAW DATA-TABLES

- Downloadable raw data of the report or tables from our Market Information
 System as xlxs. cvs. jpg. or other formats for your own integration
 - Graphs
 - Raw Data



Market Intelligence Tool and Reports



Online Dashboards

Executive Reports

IC Market Forecast® Thermal Insulation Worldwide 2022



Market Structure

Market Structure **Product Groups** GlassWool (Fiberglass) Mineral Wool Stone Wool **EPS** 2 Polystyrene XPS PUR/PIR 3 Cellulose fiber 5 Wood Others Customer Segment **Business Segment** Residential **New Construction** Non-Residential Renovation

Application Areas Flat Roofs **Pitched** Internal Walls External Walls/Facades Floor VHF ETICS Others Core insulation in doubleshell masonry Sandwich panels

Available Countries				
Austria	Romania			
Belgium	Russia			
China	Saudi Arabia			
Czech Republic	Slovakia			
France	Spain			
Germany	Sweden			
Italy	Switzerland			
Netherlands	Turkey			
Poland	UK			

This study does not cover insulating materials used in other industries, such as the automotive industry, pipe insulation or industrial process plants.

The Total Market is measured in cubic meters (in terms of quantity sales) and in euros (in terms of value sales)

For each product group, application type and other segments the total market development and forecasts for the next three years are available in the study.

Market Structure - Interpretation



Market Structure Available Countries Austria Romania Product Groups **Application Areas** Russia Belgium GlassWool (Fiberglass) Flat Mineral Wool Roofs China Saudi Arabia Stone Wool Pitched Czech Republic Slovakia Polystyrene Internal Walls Spain External Walls/Facades France PUR/PIR Floor Germany Sweden Cellulose fiber VHF Italy Switzerland Wood Others Turkey Netherlands Others Poland UK **Business Segment Customer Segment** This study does not cover insulating materials used in other industries, such as the automotive industry, pipe insulation or industrial process plants New Construction Residential The Total Market is measured in cubic meters (in terms of quantity sales) and in euros (in terms of value sales) Non-Residential Renovation For each product group, application type and other segments the total market development and forecasts for the next three

years are available in the study.

- Market data is available for each country separately as
- Each country report includes data for product groups, business segments, customer segments and application areas separately as well as aggregated for the total market of thermal insulation in terms of value and quantity.
- Application types of external walls are further broker down by subcategories.

Definitions and Demarcations



Definitions

Proc	luct	Grou	ne
1100	IUCI	GIOU	μs

Mineral Wool

Polystyrene

PUR/PIR

Cellulose fiber

Wood

Other

Application Areas

Others

Including **Glass wool** (made by heating glass and sand to about 15000 degrees Celsius causing the mixture to melt) and **stone wool** (l is an insulation material which contains %98 natural fiber and obtained by transforming the minerals and inorganic volcanic stones into natural fiber by melting them at 1500-1600 °C

Including EPS and XPS.

EPS (expanded) and XPS (extruded) are both closed-cell rigid insulation made from the same base polystyrene resins and manufactured differently, EPS is beads that are molded or cut into various sizes and shapes while XPS is extruded sheets (is manufactured using a process of extrusion).

Polyisocyanurate, also referred to as PIR, polyiso, or ISO, is a thermoset plastic typically produced as a foam and used as rigid thermal insulation.

Polyurethane rigid foam (or PUR).

Composed mostly of cellulose fibers usually derived from paper, paperboard stock or wood, and made with or without binders. Cellulose is chemically treated to resist fire.

Thermal insulation from wood, insulation boards made from natural wood fibres.

Including natural sheep's wool, hemp, cotton and high – performance insulating materials - the chemical composition is amorphous silica (silica). High-performance insulation materials with aerogels or vacuum insulation panels are mainly used where only small insulation thicknesses are possible due to space limitations. (pipe insulation for cryogenics in the liquefied natural gas industry are excluded.

Including cellar ceilings, cellar walls (exterior), top - floor ceilings

The Unique Mix of Methods and Approaches for Reliable Market Analysis



Methodology



The analysis measures Sell-In data. Sales from the manufacturer to the first distribution partner. OEMs are not taken into account.



Basis of the analysis are surveys electronic questionnaires and telephone interviews - with the most important manufacturer as well as interviews with industry experts.



Industry relevant market drivers are taken into account in a market calculation model to determine the total market volume and forecasts.

The strong focus on interviews within the industry is clearly our USP "Only who talks with the industry knows what's going on!"

The Market Intelligence Tool Dashboards - The Best Way to Work with Data



IC Cockpit

A picture says more than 1000 words

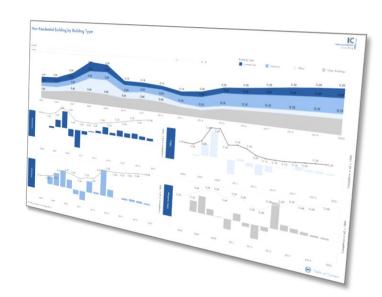
 Complex correlations are visualized in the form of geo-, tree maps, bars etc.

Interactive Dashboards

 Use interactive dashboards for quick implementation of the data, for potential estimations, for sales control, for success measurement etc.



- Market data are available wherever you have internet access
- You can also export the data as .jpg, .csv or .pdf file

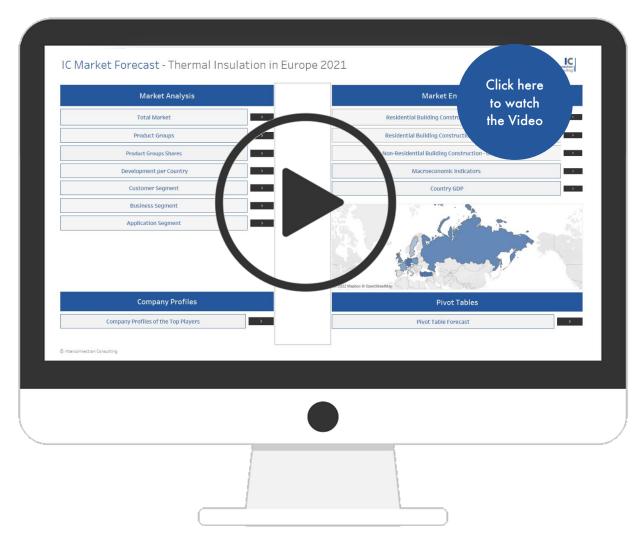


Usability of the Market Intelligence Tool

Let's Put it in a Video...



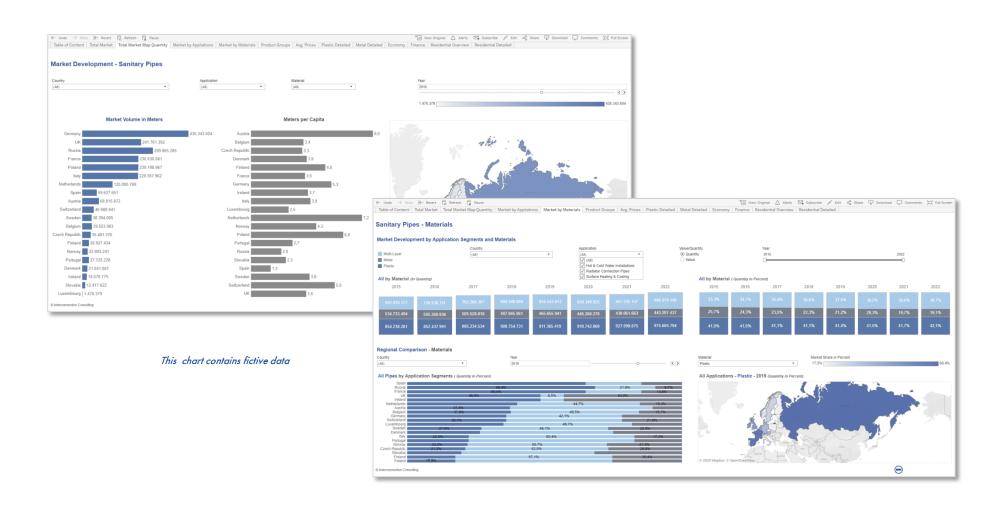
IC Cockpit



Sample Cockpits for Market Analysis Data



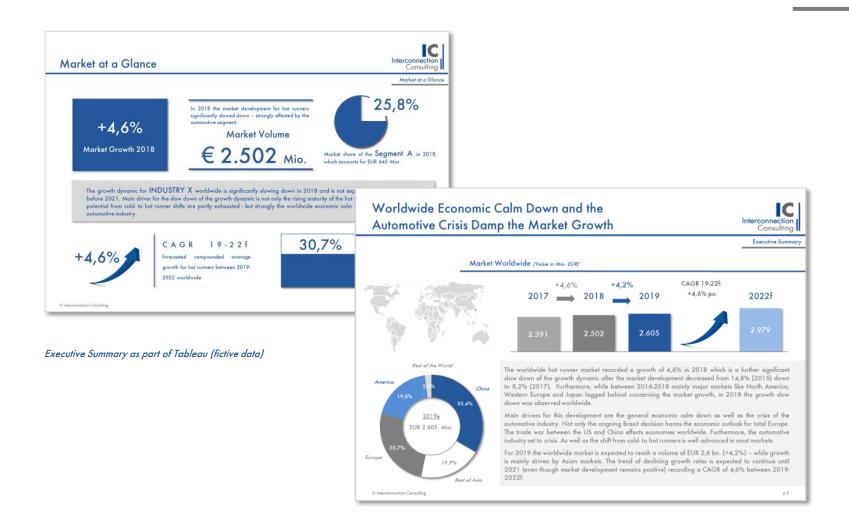
IC Cockpit



Additional Deliverables Executive Summary and Interactive Dashboards



Sample Charts



Investment Plan for Your Market Research



IC Market Forecast® Thermal Insulation Worldwide 2022

Prices & Conditions

		Subscription*		
Market Forecast (MF)*	3 Countries Package	€ 4.950,-		
MF + Company Profiles*	6 Countries Package	€ 7.750,-		
MF + Company Profiles*	9 Countries Package	€ 9.950,-		
MF + Company Profiles*	Europe	€ 13.950,-		
MF + Company Profiles*	All Countries	€ 17.950,-		
Available Countrie	 Austria Belgium Czech Republic France Germany 	 Italy Netherlands Sweden Poland Romania Slovakia Spain Sweden Russia Russia Saudi Arabia Slovakia 		

Market Forecast & Company profiles (top 15) are available from 6 countries package purchase for free. For the packages with less than 6 countries Company profiles are available for additional price of 3.950 EUR as subscription. Price for one single country is 1.950,- € as subscription.

The price includes access to an online dashboard for 12 months in case of single issue or for the duration of the subscription in case of a subscription.

^{*} Subscription: 25% price advantage compared to single issue. The subscription can be cancelled after two purchases of the study, but not later than 31st December in the year in which the last study has been received. If the subscription is not cancelled, it is automatically extended by one more year. The price is the individual price for each year. Price changes must be announced by Interconnection at least six weeks before 31st December.

Chosen References



References

"IC is a permanent partner of ours and provides helpful data for decisions."

Mr. Bernd Blümmers

Directeur General, Saint-Gobain Solar Systems, Central Europe, Aachen







































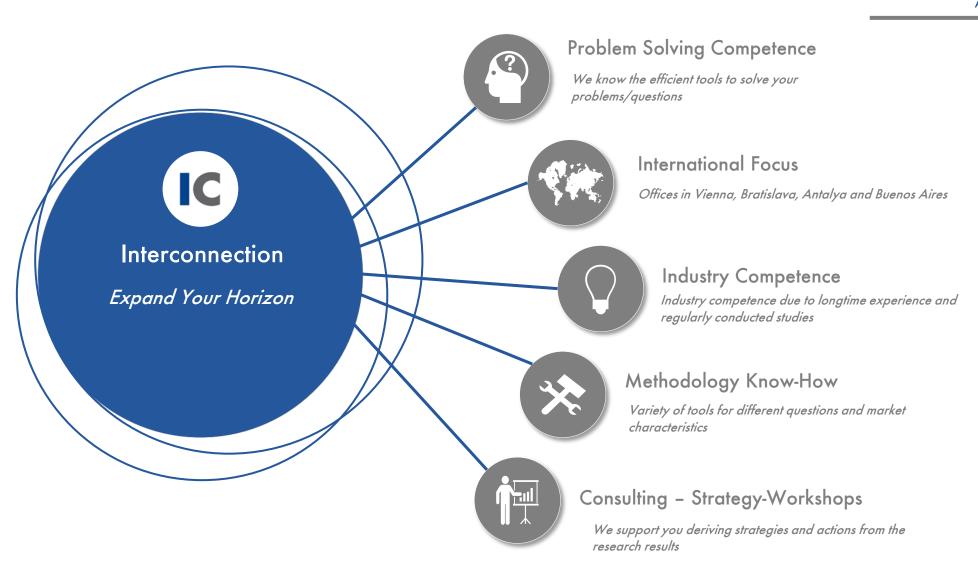


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Interconnection Provides Data for Corporate Decisions



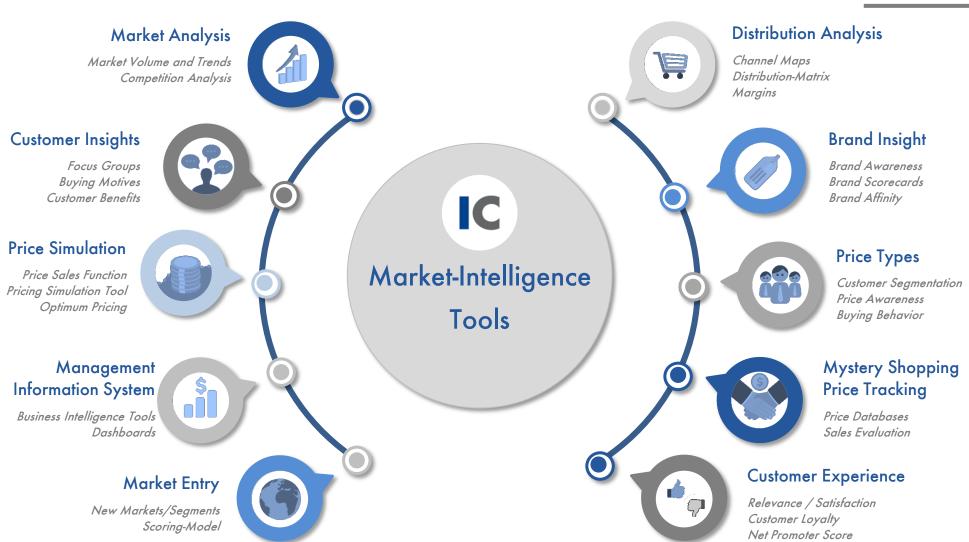
About



Our Market-Intelligence Tools



Market Intelligence





If there are any questions please do not hesitate to contact us!

Interconnection Consulting

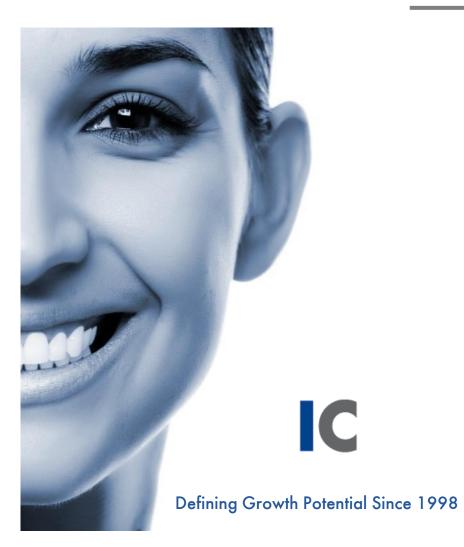
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Yes, we would like to order the IC Market Forecast & Company Profiles® Thermal Insulation Worldwide 2022

(Please, print out the order form and mark your desired products)

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Web-Conference with the analyst free	e of charge			✓			
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*Subscription:

The price is the individual price for at least two orders of the study (order year and the following year). Price changes must be announced by Interconnection at least six weeks before 31" December. The subscription can be cancelled after two purchases of the study, but not later than 31st December in the year in which the last study has been received. If the subscription is not cancelled, it is extended by one more year.

The price includes access to an online dashboard for 12 months in case of single issue or for the duration of the subscription in case of a subscription.

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