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# IC Market Tracking Sanitary Pipes in Latin America 2016

- Argentina
- Brazil Chile

Ecuador

Colombia

- Peru
- Venezuela •

- ٠
- •
- Mexico



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- You will receive an overview of the overall market in addition to individual market segments.
- ✓ A detailed representation of the key markets by country and forecasting until 2019 based off of our econometric forecast model.
- ✓ A competition analysis containing detailed market shares in terms of:
  - The total market

Your Benefits at a Glance

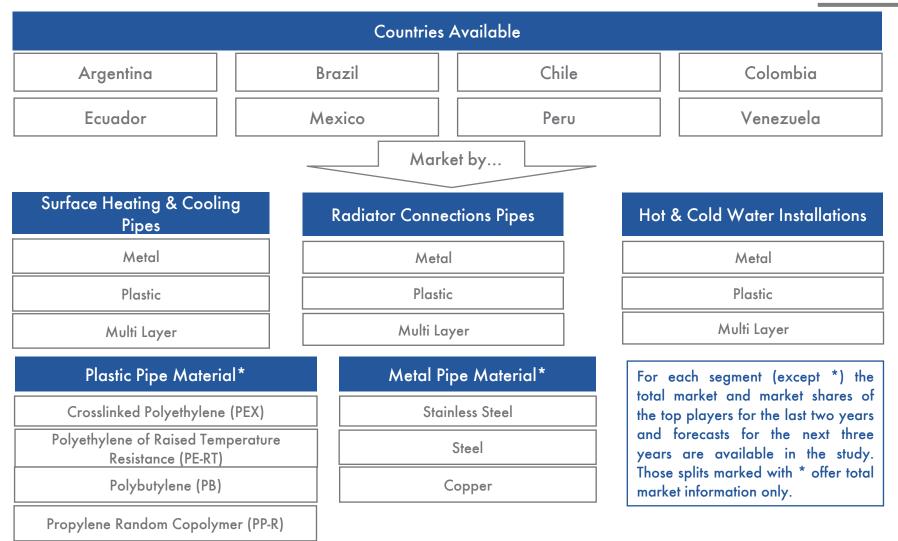
- Application
- Material
- ✓ Graphic representation, interactive charts and tables which allow for rapid application and utilization of the provided data.







#### **Market Structure**





#### Definitions

### Application Type

Turnover is stated in Mio. Euro. Values are always Net-Turnovers (No List-Prices), discounts included. Quantity is calculated in 1.000 m.



A heat-transfer device consisting of a sealed metal tube with an inner lining of wick like capillary material and a small amount of fluid in a partial vacuum; heat is absorbed at one end by vaporization of the fluid and is released at the other end by condensation of the vapor.



Pipes designed to connect radiator(s) to the heating source.



Hot & Cold Water Installation Pipes

Pipes that carry pressurized and treated fresh water inside the buildings.

### Abbreviations

CAGR

Avg. Share

Compound Annual Growth Rate over the period 2015–2019f.

Average Share over the period of 2015 – 2019f.

2016e/2019f

Estimated/Forecasted.

Outdoor pipes and sewage/waste pipes are not included



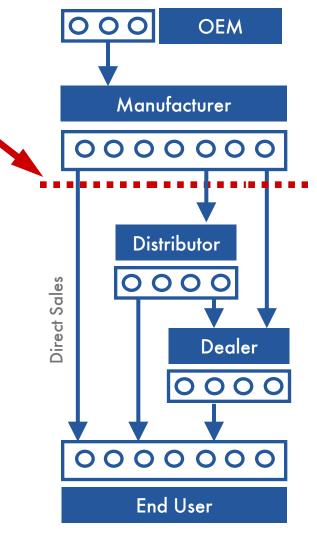
# What Do We Measure in Our Reports?



Methodology

Interconnection measures the total sales at street prices without VAT per branch to the first buyer (without OEM)

Sales are segmented by the first distribution partner.

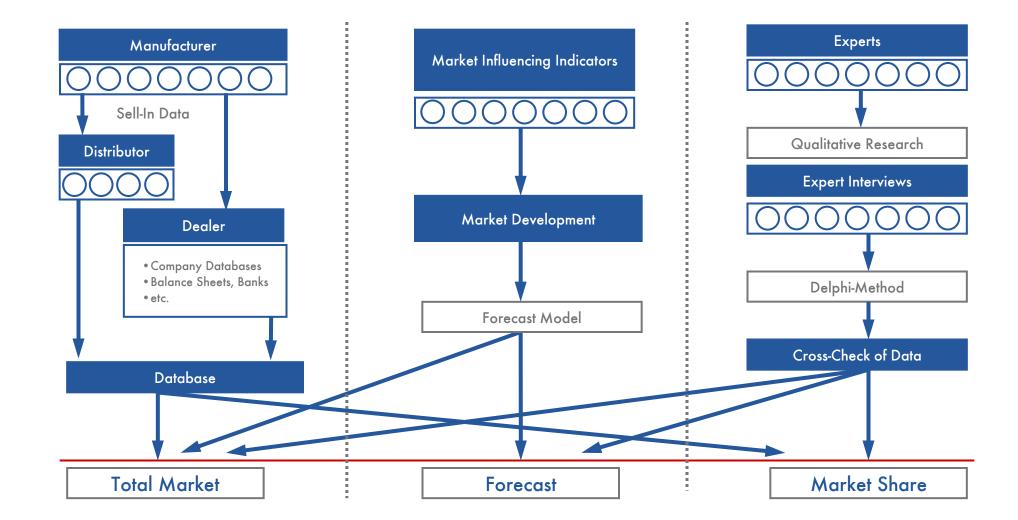


The basis for the analysis were interviews conducted with the most manufacturers of the important branches, who donated information through written questionnaires or telephone interviews. In return, cooperating companies receive parts for free, which guarantees a high rate of return.

Interviews with distributors and specialised dealers act as a cross-check of the data. In addition, investigations of listings and average prices are carried out.

# How Do We Conduct Our Research?

Description Structure of Survey Methodology



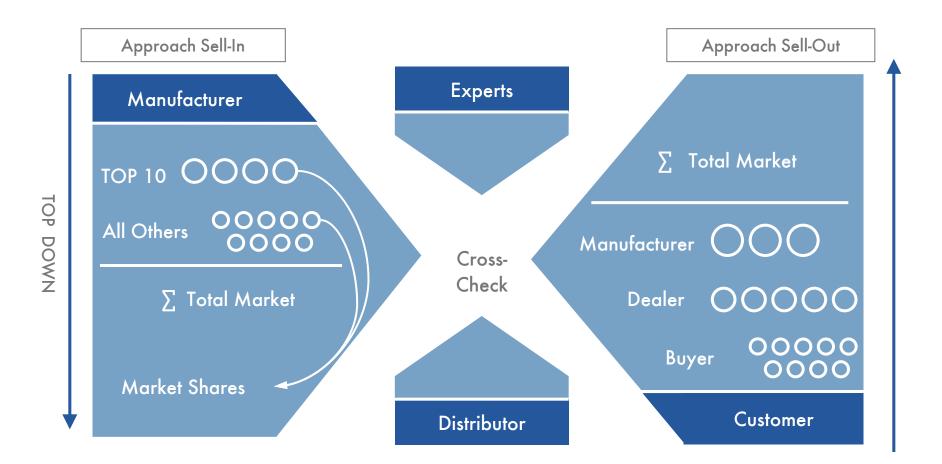
Methodology

## How Do we Cross Check the Data?

Description Structure of Survey Methodology



Methodology



# Content of the Report

The IC Market Tracking® is modularly built and consists of the following sections:

- The Introduction shows the definition and demarcation of product groups, regions, and methodology as well as the objectives of the study.
- The Executive Summary gives a short overview of the results of the study and analyses key facts.
- As an introduction key factors influencing the market are analysed in the Economic Environment: You will find the most important data on consumer behaviour, main economic indicators, etc.

- The Total Market Analysis shows the development of the market surveyed by value and quantity in different dimensions, such as regions, product groups, and ways of distribution. A forecast for the next years is an essential part of this analysis.
- The Competition Analysis shows in detail the development of the top companies in the market by finding out about the market shares in different categories, changes in market position, benchmarks, average prices, etc.





### Table of Contents

1. Executive Summary	(ca. 10 pages)
2. Definition and Methodology	(ca. 5 pages)
3. Market Drivers	(ca. 20 pages)
4. Regional Market Analysis and Forecast	(ca. 20 pages)
5. Competition Analysis	(ca. 20 pages)
6. Tables, Facts and Figures	Pivot Table

# Executive Summary at the Beginning of the Report



#### Sample Charts

- The executive summary comprises all relevant information of the report in precise manner. Forecast and
- competition situation is highlighted
- This chart shows dummy figures.

### Surface Heating Shows Good Growth Potential



**Executive Summary** 

Market Shares Quantity 2016 in %; Forecast 2017-2019

Pipe Material			
	37,4%	21,3%	41,3%
	Plastic	Metal	Multilayer
Forecast 2019f			
Application Types			
	Applicali	on Types	
	35,2%	on Types 27,3%	37,5%
			37,5% Hot&Cold Water

When speaking about pipe materials, the Latin American market is characterized by a strong domination of multilayer pipes. In terms of quantity multilayer accounts for 50,8% of the market, while plastic takes only 36,2% in 2015.

For the year 2016 the prices will decrease further. With low investments the shift is towards apartments from large-scale projects. When it comes to apartments, it is rather cost-effective segment. Renovation market remains stable. PEX and PERT are in close competition, PERT is gaining shares with the years. It is more commonly sold because of the purely price reason. Copper is in the core of metal business.

Metal pipes on the Latin American market are in tune with shrinking tendencies of metal on other markets. Metal volume reduced to 13,1%.

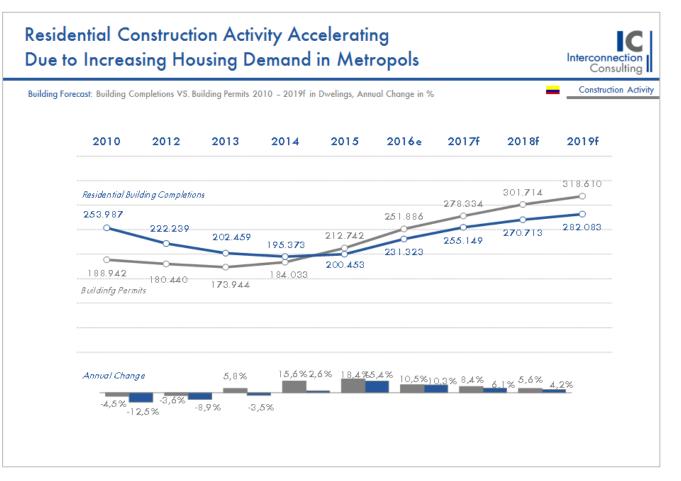
Looking closer at the application types, surface heating has a clear preference by Latin American people accounting for 40,3% share in terms of volume. Surface heating will grow but moderately as new-built is not actively growing.

Radiator connection pipes collected the value of ca. 14 million EUR being only second in value terms. The leader in value is hot and cold water application group with 21 million euro generated last year.



### Sample Charts

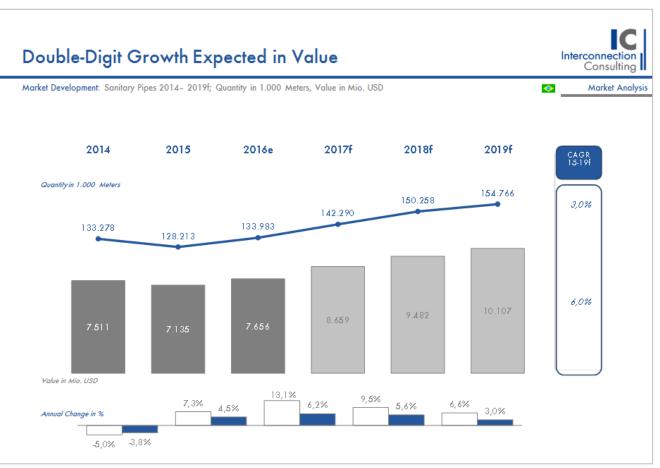
- The data for the market environment consists of main factors such as general economy data, demography, income statistics, construction environment and sentiment indicators.
- This chart shows sample figures.





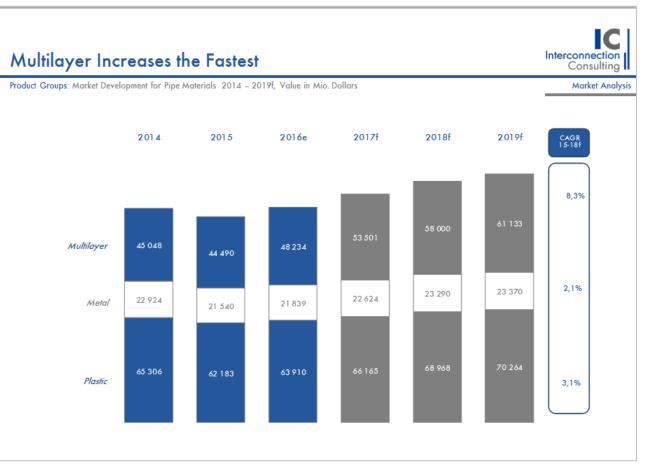
Sample Charts

- Overview of the total market in terms of quantity and value
- Development until the current year and forecast for the upcoming three years
- This chart shows dummy figures.



### Product Group Development

- Overview of the Product Group Segmentation, Materials, Application as well as a Forecast for the upcoming three years about their development.
- This chart shows dummy figures.

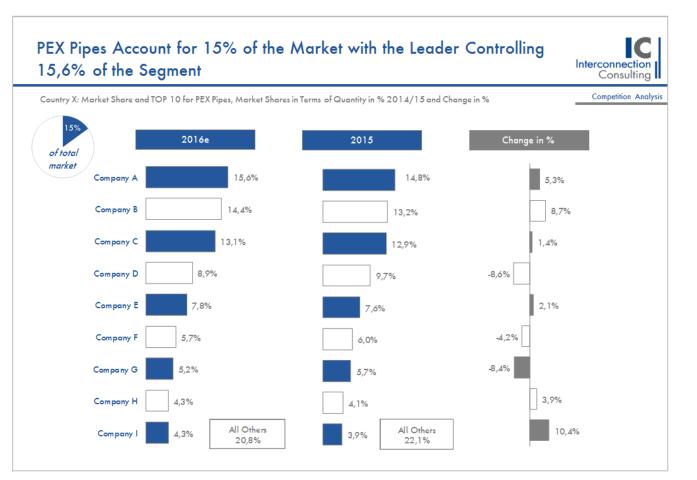






### Sample Charts

- Detailed description of the most important Companies in the examined market by reference to market shares, changes, BCG-Portfolios, etc.
- This chart shows dummy figures.





- In addition to the visualized report a Pivot Table will be included.
- This tool allows individual and selective analyses to be made by the user with the available data, especially when it comes to future trend and segmentation modelling.
- Pivot tables are available for the competition analysis as well as for the total market and forecast studies.

#### How to use Pivot Tables

1. Generally, the desired sub-categories (i.e.	Technology	Α
Technology - A) can be selected with the ordinary drop	Distribution	(All)
down menus.	Quarter	4
	Quantity/Value	Quantity
	Weight Classes	(All)
	Country	Germany
	Brand	(All)
	Ø Price in € (Classes)	(All)
	Sum - #	
	Segments	Results
	Segment A	18.592
	Segment B	8.434
	Segment C	5.310
	Segment D	3.290
	Segment E	1.332
	Total	36 958

2. If you want to analyse a different category (i.e. Technology), click on the gray field and drag it down to the table.

Distribution	(All)
Quarter	4
Quantity/Value	Quantity
Weight Classes	(All)
Country	Germany
Brand	(All)
Ø Price in € (Classes)	(All)

	· · · · · · · · · · · · · · · · · · ·		
Sum - #	Technology		
Segments	Α	В	С
Segment A	3.290	5.452	7
Segment B	5.310	8.925	21
Segment C	8.434	10.794	
Segment D	18.592	14.624	13
Segment E	1.332	2.229	6
Total	36.958	42.025	47

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# **Investment Plan for Your Market Research**

IC Market Tracking<sup>®</sup> Sanitary Pipes in Latin America 2016

Available countries

*	IC Subscription: 20% price advantage compared to single issue. The subscription can be cancelled after two purchases of the study, but not
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- Easy termination: After 2 issues each subscription can be terminated easily

### Interconnection Delivers Data for Company Decisions

- Interconnection is the leading institute for market data in the piping industry.
- Our studies support the leading companies in defining targets and marketing strategies, including competition monitoring and control of marketing actions.
- Interconnection draws its Know-how from over 100 international market studies per year and a number of Ad-hoc studies in several industries.
- Next to market data we offer for the construction branch Ad-hoc studies in the field of distribution analyses, pricing, market entry strategies, customer satisfaction, image analyses etc.
- Our Consultant supports companies also when it comes to translating data into actions, i.e. the development of marketing strategies.



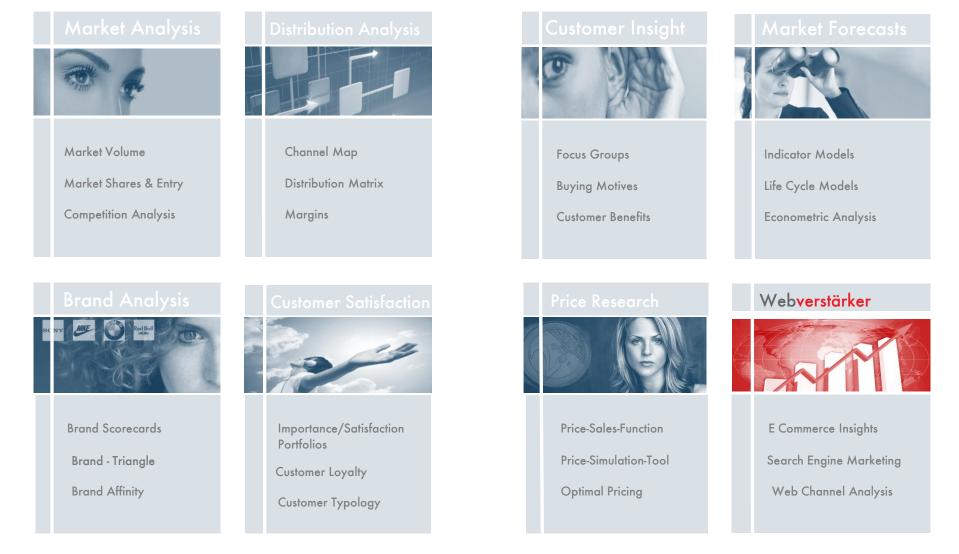


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# Our Market-Intelligence Tools



#### About Interconnection





"IC is a permanent partner in market assessment and a helpful tool in decision making."

Mr. Bernd Blümmers

General Manager, Saint-Gobain Solar Systems Central Europe

# **Customers of Our Studies:**





### Contact



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

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#### Factsheet

#### Included in the Report Price Options of ordering - Fax:+43 1 5854623 30 Detailed Information about special ■ per region: €3.500 ■ Click "Buy Now" on the website and make your ■ interactive PDF, Pivot Tables offers, scale of discount as well as order with the interactive price calculator. ■ Pages (approx.) 75/ per Country ■ All regions : €16.800 subscription prices are presented within the order form or the ■ Print out your order form (at the end of the "Full ■ Optional: Hard Cover interactive price calculator. Details" document and fill in your data. Content of the Market Report Structure of the Study Market Structure Methodology **Regions:** Lanauage of the report Methodology and Data Sources Argentina, Brazil, Chile, Colombia, Ecuador, Mexico, English, Spanish on Request Peru and Venezuela The market and competitive analysis is conducted Introduction, Market Structure & Executive Summary through interviewing the most important manufacturers Definition and demarcation of product groups, regions in the respective industry. All data are cross-checked for and methodology; summary of study results Application Type plausibility and evaluated by means of additional Market Drivers Surface Heating & Cooling, Radiator Connection pipes, sources of information. Key economic factors influencing the market: consumer Hot and Cold Water Installation pipes. behaviour, main economic indicators etc. The market models and forecasts are based on Import & export statistics economic indicator models, which are developed Pipe Material Total Market Analysis individually for each market. The influencing factors are Metal, Plastic, Multi Layer. Total market development and forecasts for all market analysed by means of multivariate regression analysis segments in quantity and value by regions, product and updated each year. Plastic Pipe Material groups, business segments and distribution channels PEX, PERT, PB, PPR **Competition Analysis** The economic indicators and environmental data are a Market development by value for each region and result of secondary research of prestigious statistical Metal Pipe Material segment. Market shares of the top manufacturers for institutes and are supplemented by internal market Stainless Steel, Steel, Copper each region and for system for the last two years. analyses.

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