

Market Study: Plastic Windows

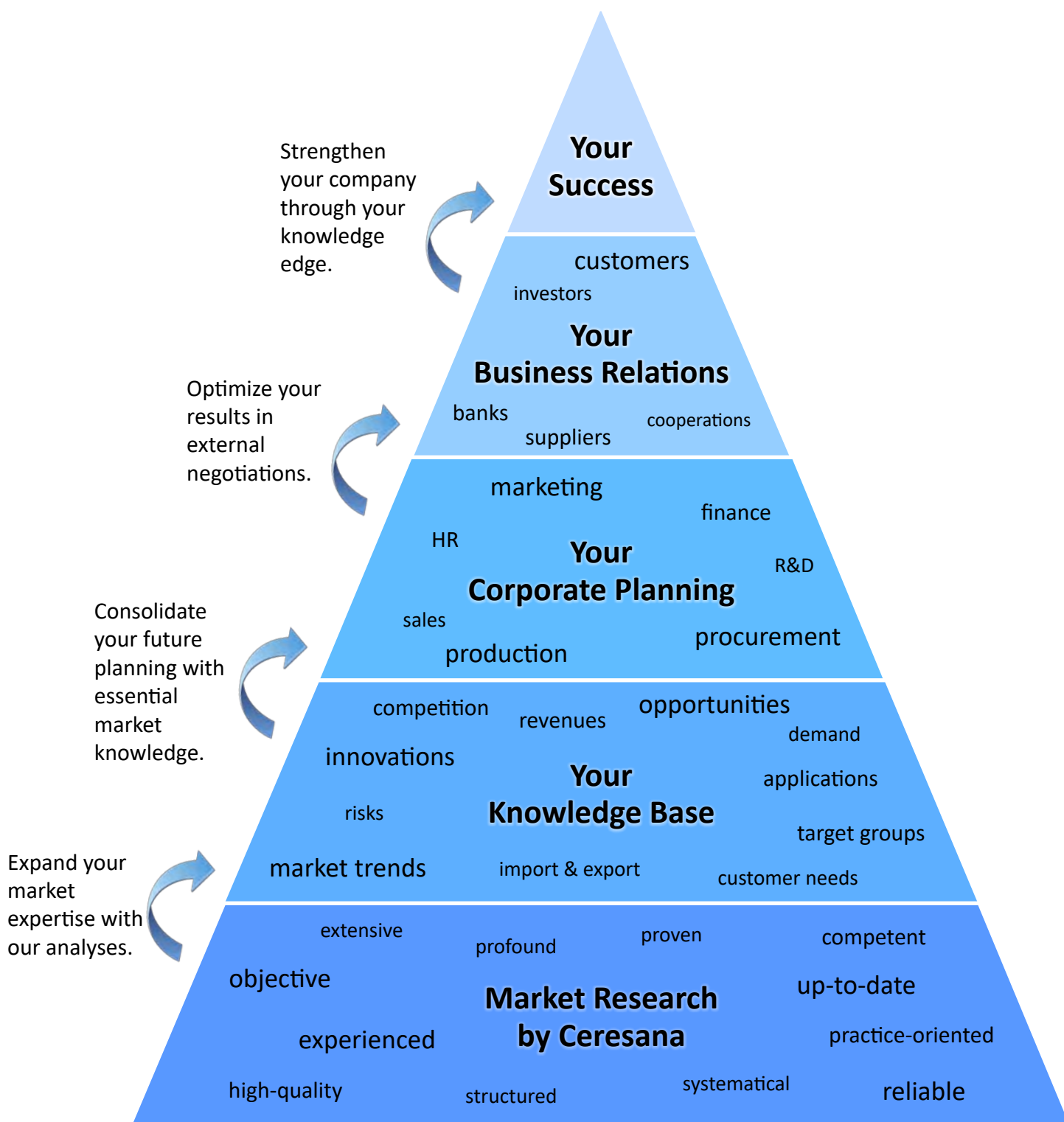


World Report (4th edition)

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This brochure provides further information on the study “Plastic Windows - World (4th edition)”

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REHAU Industries SE & Co. KG

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Web: www.rehau.com

General Information about the Company

Divisions, Product Range The company operates in the following business fields:

- Building Solutions
- Interior Solutions
- Industrial Solutions
- Window Solutions

Production Sites The REHAU Group operates more than 40 plants worldwide.

Profile Summary REHAU Industries SE & Co. KG was founded in 1948 under the name REHAU AG + Co, and is part of the REHAU Group. In 2021, REHAU Group employed 19,764 people worldwide and had a turnover of EUR 3.5 billion. Split by business segments, the group generated 34% of sales in 2021 with automotive, 32% with building solutions, 24% with interior solutions, 14% with industrial solutions, and 30% with window solutions. In 2021, REHAU AG + Co. was divided into the two companies REHAU Industries SE & Co. KG and REHAU Automotive SE & Co. KG as part of the reorganization of the REHAU Group. The group is thus divided into the following five subgroups: RAUMEDIC, MERAXIS, REHAU New Ventures, REHAU Automotive, and REHAU Industries. The company's quality and environmental management systems are certified according to ISO 9001 and ISO 14001.

Specific Information about Plastic Windows

Through its Window Solutions business segment, REHAU produces PVC windows as well as fiber reinforced PVC windows under the names GÉNEO RAU-FIPRO X, SYNEGO, EURO-DESIGN, and BRILLANT-DESIGN.

Additionally, the window profiles are equipped with "high-definition finishing" which reduces susceptibility to dirt.

*Note: The profiles are assigned to the country in which the company or holding is headquartered. Profiles also include JVs and subsidiaries.

Market Study: "Plastic Windows - World (4th edition)"

16 Countries, 74 Producers, 260 Pages, 76 Graphs, 91 Tables, 08/2022

Summary

The construction sector and its suppliers are being hit - somewhat delayed - by the drastic measures to contain the Corona epidemic and by the consequences of the Ukraine war. Ceresana has studied the global market for plastic windows used in buildings. The current study provides a quantitative assessment of the impact of the crisis and the magnitudes and timeframes of a possible recovery. Ceresana expects the demand for plastic windows to start growing again from 2023, especially in the segments renovation and non-residential construction, where the analysts anticipate an CAGR of 1.8% until 2031.

Overview of the Study:

Chapter 1 provides a complete quantitative representation and analysis of the global market for plastic windows, including forecasts up to 2031. Key figures such as production and demand (in millions of units) and revenue (in USD and EUR) are given for each region of the world.

In **Chapter 2** the production and demand of plastic windows for 16 countries is presented in figures, also divided into construction segments:

- new construction
- renovation
- residential construction
- non-residential construction.

Additionally, key figures on imports, exports and revenue are provided.

Chapter 3 offers company profiles of the most important manufacturers of plastic windows, clearly arranged by contact details, revenues, profit, product range, production sites, short profiles as well as product types and application areas. Detailed profiles are provided by the most important 74 manufacturers, such as Andersen, Jeld-Wen, LIXIL, Rehau, Schüco, Veka, VKR, Weru und YKK.

2.5.2 India

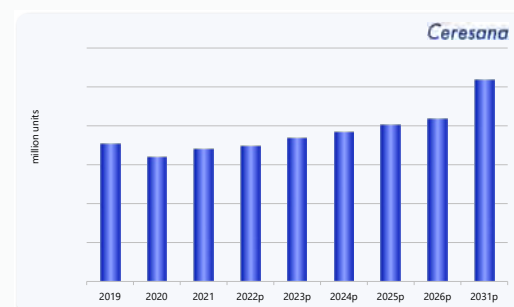
Demand and Revenues

The demand for plastic windows in India amounted to approx. X million units in 2021.

We expect an average increase in demand of X% p.a. to X million units in 2031.

In 2021, revenues generated with plastic windows amounted to approx. USD X billion.

We forecast a considerably higher market volume of about USD X billion in 2031.



Graph: Demand for plastic windows in India from 2019 to 2031

Revenues	2019	2020	2021	2022p	2023p	2024p	2025p	2026p	2027p	2028p	2029p	2030p	2031p	2021-2031
billion USD	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
billion EUR	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.

Table: Revenues generated with plastic windows in India from 2019 to 2031, in billion USD and billion EUR

in million units	2019	2020	2021	2022p	2023p	2024p	2025p	2026p	2027p	2028p	2029p	2030p	2031p	2021-2031
New Construction	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Renovation	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Total	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Residential	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Non-Residential	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Total	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.

Table: Demand for plastic windows in India from 2019 to 2031 - split by construction segments

In 2021, the new construction segment was the largest construction segment of vinyl windows in India, with demand amounting to X million units. We forecast that the construction segment renovation will account for the most dynamic development in the coming ten years.

Production and Trade

The Indian production volume of plastic windows amounted to X million units in 2021.

We expect this figure to increase by X % p.a. over the next ten years. The production volume will thus amount to approx. X million units in 2031.

in million units	2019	2020	2021	2022p	2023p	2024p	2025p	2026p	2027p	2028p	2029p	2030p	2031p	2021-2031
Production	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Import	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Export	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.
Demand	X	X	X	X	X	X	X	X	X	X	X	X	X	X % p.a.

Table: Production, import, and export of and demand for plastic windows in India from

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