

Photovoltaic Materials Market Poised to Reach a Revenue of USD 25 Billion by 2022

Photovoltaic Materials Market by Type (Crystalline Materials, Thin Film), by End-user (Utility, Commercial and Residential) and by Region - Forecast to 2022

PUNE, MAHARASHTRA, INDIA, July 24, 2017 /EINPresswire.com/ -- Synopsis of Photovoltaic Materials Market:

Major Key Players Profiled in Report:

The major key players of this market are:



Key Players of this market are DuPont, 1366 Technologies, Bandgap Engineering, Sinovia Technologies, SolarBuyer, Polyrise, Natcore, Targray, Ferrotec, Applied Materials, and Cencorp”
Market Research Future

- DuPont
- 1366 Technologies
- Bandgap Engineering
- Sinovia Technologies
- SolarBuyer
- Polyrise
- Natcore
- Targray
- Ferrotec
- Applied Materials
- Cencorp

Regional Analysis:

The Asia-Pacific photovoltaic material market is expected to grow due to growing application industry. China consumes largest market share in global photovoltaic material market. The report estimates the size of the photovoltaic material market, both in terms of volume and value. Other regions like India, Indonesia and Brazil are expected to drive the demand owing to lenient regulations by government in setting up industries and producing large amounts of products to meet growing population demand.

North America is expected to grow at faster pace, the U.s and Canada are anticipated to have a largest share due to industrial development and government regulations. In Europe, UK and Germany are key contributors for this region, photovoltaic material market size is growing due to government policies and increase in use of renewable sources. High electricity price and government subsidies over solar energy is likely to positively drive the market in Middle East and Africa region.

Request to Receive a Sample Report @

“ We enable our customers to unravel the complexity.”



Market Research Future

https://www.marketresearchfuture.com/sample_request/2357

Market Outlook:

Photovoltaic is a technology to convert sunlight into electricity. The term photo means light and voltaic means energy. Photovoltaic is also known as solar cells. The most used cell type today are silicon PV as they are low in cost. The PV cell produces upto 2 watts of power. To increase the power output many PV cells are connected together to form modules which are further arranged into larger unit called arrays these will further be used in various end-use industries such as utility, commercial and residential.

Market Segments:

The global photovoltaic material market is majorly segmented on the basis of type and application. Based on type of photovoltaic material the market is segmented into crystalline materials, Thin Film, and others and on basis of application photovoltaic material the market is segmented into utility, commercial and residential.

Report Details @ <https://www.marketresearchfuture.com/reports/photovoltaic-materials-market-2357>

Segment Analysis:

PV materials are segmented on basis of type: crystalline materials, thin film, and others. Crystalline materials are further segmented into single crystal silicon, polycrystalline silicon and Gallium Arsenide (GaAs). Single crystal silicon are the most common in PV industry. Polycrystalline silicon material is much stronger and can be cut into one-third the thickness of single-crystal material. It also has slightly lower wafer cost and less strict growth requirements. The market of polycrystalline silicon is growing at faster rate as it is highly utilized in commercial sector. Gallium Arsenide is one the highest used in utility segment i.e, in space and military sector as it has strong resistance radiations and high cells efficiency are required in this sector. However, the drawback of GaAs is that is high in cost of single GaAs. Thin Film, a thin semi-conductor layer of Pv materials is deposited on low cost supporting layer such as glass, metal and plastic foil. Thinner layers of material gives significant cost saving. Also, the deposition techniques in which PV materials are sprayed directly onto glass or metal substrate are cheaper owing to this the manufacturing process is faster, using up less energy and mass production is made easier than the ingot-growth approach of crystalline silicon. The market of Thin Film is expected to touch down in billions in the year 2022.

About Market Research Future:

At Market Research Future (MRFR), we enable our customers to unravel the complexity of various industries through our Cooked Research Report (CRR), Half-Cooked Research Reports (HCRR), Raw Research Reports (3R), Continuous-Feed Research (CFR), and Market Research & Consulting Services.

MRFR team have supreme objective to provide the optimum quality market research and intelligence services to our clients. Our market research studies by products, services, technologies, applications, end users, and market players for global, regional, and country level market segments, enable our clients to see more, know more, and do more, which help to answer all their most important questions.

In order to stay updated with technology and work process of the industry, MRFR often plans & conducts meet with the industry experts and industrial visits for its research analyst members.

Akash Anand
Market Research Future
+1-646-845-9349 (US) / +44 208 133 9349 (UK)
email us here

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2018 IPD Group, Inc. All Right Reserved.