

# Solar Thermal Collectors Market Analysis By Product [Concentrating, Non-Concentrating (Flat Plate, Evacuated Tube, Unglazed Water Collector, Air Collector)], By Application, By Region, And Segment Forecasts, 2014 - 2025

<https://marketpublishers.com/r/SB8C224F6FBEN.html>

Date: September 2017

Pages: 79

Price: US\$ 5,950.00 (Single User License)

ID: SB8C224F6FBEN

## Abstracts

The global solar thermal collector market is expected to reach USD 41.96 billion by 2025, according to a new report by Grand View Research, Inc. Solar thermal collector market is growing worldwide on account of increasing need for renewable energy.

Limited fossil fuel resources coupled with environmental problems associated with them have facilitated the use of new sustainable energy supply options that use renewable energy. The low price of installation as well as reduced electricity cost has led to high demand for non-concentrating collectors across Asia Pacific, thereby providing new avenues for growth of the market.

Utilization of the product in the residential application including water heating and space heating results in energy and cost saving for the consumers. Initiatives taken by the government to protect the depleting natural resources coupled with increasing preference of consumers towards low cost energy options is anticipated to provide positive scope for product demand over the forecast period.

Further key findings from the report suggest:

Concentrating products accounted for a volume share of 9.5% in 2016 as they collect more heat compared to flat plate collectors

Evacuated tubes are widely preferred across all regions except for Europe as

they provide higher temperature compared to flat plates and improved efficiency at higher operating temperature

The market for air collectors is expected to grow at a slow rate of 5.2% due to high replacement with flat plate and evacuated tubes

Germany accounts for a share of about 50.0% of the Europe's solar thermal capacity. However, the region is expected to witness slow growth rate due to low consumer awareness regarding the benefits of the product

Non-concentrated collectors in Germany accounted for a revenue share of 87.8% in 2016 owing to low maintenance cost as compared to concentrated collectors.

Rest of the world including Central & South America and Middle East & Africa is expected to grow at a CAGR of 7.5%, in terms of revenue owing to advancement in infrastructure and increase in population

In August 2016, Apricus developed a small scale solar based water distillation plant as a part of research & development

## Contents

### **CHAPTER 1 METHODOLOGY AND SCOPE**

- 1.1 Research Methodology
- 1.2 Research Scope & Assumptions
- 1.3 List of Data Sources

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Market Snapshot

### **CHAPTER 3 SOLAR THERMAL COLLECTOR MARKET VARIABLES, TRENDS & SCOPE**

- 3.1 Market segmentation & scope
- 3.2 Solar Thermal Collector Market Value Chain Analysis
- 3.3 Market Dynamics
  - 3.3.1 Market Driver Analysis
    - 3.3.1.1 Increasing Construction Industry
    - 3.3.1.2 Growing demand for Renewable energy resources
  - 3.3.2 Market Restraint Analysis
    - 3.3.2.1 Growing popularity of solar PV technology
- 3.4 Regulatory Framework
- 3.5 Penetration & growth prospect mapping
- 3.6 Solar thermal collector market - PESTEL Analysis
- 3.7 Industry Analysis - Porter's

### **CHAPTER 4 SOLAR THERMAL COLLECTOR MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

- 4.1 Solar thermal collector market: Product movement analysis
- 4.2 Concentrating
  - 4.2.1 Concentrating solar thermal collector market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)
- 4.3 Non-Concentrating
  - 4.3.1 Non-concentrating solar thermal collector market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)

## **CHAPTER 5 SOLAR THERMAL COLLECTOR MARKET: NON-CONCENTRATING COLLECTOR ESTIMATES & TREND ANALYSIS**

5.1 Solar thermal collector market: Non-concentrating collector movement analysis

5.2 Flat Plate

5.2.1 Market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)

5.3 Evacuated Tube

5.3.1 Market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)

5.4 Unglazed water collector

5.4.1 Market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)

5.5 Air Collector

5.5.1 Market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)

## **CHAPTER 6 SOLAR THERMAL COLLECTOR MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

6.1 Solar thermal collector market: Application movement analysis

6.2 Commercial

6.2.1 Market estimates & forecasts in commercial applications, 2014 - 2025 (Megawatts) (USD Million)

6.3 Residential

6.3.1 Market estimates & forecasts in residential applications, 2014 - 2025 (Megawatts) (USD Million)

6.4 Industrial

6.4.1 Market estimates & forecasts in industrial applications, 2014 - 2025 (Megawatts) (USD Million)

## **CHAPTER 7 SOLAR THERMAL COLLECTOR MARKET: REGIONAL ESTIMATES & TREND ANALYSIS, BY APPLICATION**

7.1 Regional Movement Analysis & Market Share, 2015 & 2025

7.2 North America Movement Analysis & Market Share, 2015& 2025

7.2.1 North America market estimates and forecast, by product (Megawatts) (USD million)

7.2.2 North America market estimates and forecast, by type (Megawatts) (USD million)

7.2.3 North America market estimates and forecast, by application (Megawatts) (USD million)

7.2.4 U.S. solar thermal collector market share, 2015& 2024

7.2.4.1 U.S. solar thermal collector market estimates and forecast, by product (USD

million) (Megawatts)

7.2.5 U.S. market estimates and forecast, by type (Megawatts) (USD million)

7.2.6 U.S. market estimates and forecast, by application (Megawatts) (USD million)

7.3 Europe Movement Analysis & Market Share, 2015 & 2025

7.3.1 Europe market estimates and forecast, by Product (USD million) (Megawatt)

7.3.2 Europe market estimates and forecast, by type (USD million) (Megawatt)

7.3.3 Europe market estimates and forecast, by application (USD million) (Megawatt)

7.3.4 Germany solar thermal collector market share, 2015 & 2024

7.3.4.1 Germany market estimates and forecast, by Product (Tons) (USD million)

7.3.4.1 Germany market estimates and forecast, by type (Megawatt) (USD million)

7.3.4.2 Germany market estimates and forecast, by application (Megawatt) (USD million)

7.4 Asia Pacific Movement Analysis & Market Share, 2015 & 2025

7.4.1 Asia Pacific market estimates and forecast, by product (Tons) (USD million)

7.4.1.1 Asia Pacific market estimates and forecast, by type (Megawatt) (USD million)

7.4.1.2 Asia Pacific market estimates and forecast, by application (Megawatt) (USD million)

7.4.2 China market share, 2015 & 2024

7.4.2.1 China market estimates and forecast, by product (Tons) (USD million)

7.4.2.2 China market estimates and forecast, by type (Megawatt) (USD million)

7.4.2.3 China market estimates and forecast, by application (Megawatt) (USD million)

7.5 Rest of the World Movement Analysis & Market Share, 2015 & 2025

7.5.1 ROW market estimates and forecast, by product (MW) (USD thousand)

7.5.1.1 ROW market estimates and forecast, by Type (Megawatt) (USD million)

7.5.1.2 ROW market estimates and forecast, by application (Megawatt) (USD million)

## **CHAPTER 8 COMPETITIVE LANDSCAPE**

8.1 Competitive Scenario

8.2 Vendor Landscape

8.3 Strategy Framework

## **CHAPTER 9 COMPANY PROFILES**

9.1 Apricus Solar Co. Ltd

9.1.1 Company Overview

9.1.2 Product Benchmarking

9.1.3 Strategic Initiatives

9.2 Sunerg Solar S.R.L

- 9.2.1 Company Overview
- 9.2.2 Product Benchmarking
- 9.3 Sunearth
  - 9.3.1 Company Overview
  - 9.3.2 Financial Performance
  - 9.3.3 Product Benchmarking
- 9.4 Alternate Energy Technologies, LLC
  - 9.4.1 Company Overview
  - 9.4.2 Financial Performance
  - 9.4.3 Product Benchmarking
- 9.5 Sunmaxx Solar
  - 9.5.1 Company Overview
  - 9.5.2 Product Benchmarking
- 9.6 Solimpeks
  - 9.6.1 Company Overview
  - 9.6.2 Financial Performance
  - 9.6.3 Product Benchmarking
- 9.7 TIGI
  - 9.7.1 Company Overview
  - 9.7.2 Product Benchmarking
- 9.8 Heliodyne, Inc
  - 9.8.1 Company Overview
  - 9.8.2 Financial Performance
  - 9.8.3 Product Benchmarking
- 9.9 Ouraset Solar
  - 9.9.1 Company Overview
  - 9.9.2 Product Benchmarking
- 9.10 GreenoneTec
  - 9.10.1 Company Overview
  - 9.10.2 Financial Performance
  - 9.10.3 Product Benchmarking
- 9.11 HTP
  - 9.11.1 Company Overview
  - 9.11.2 Product Benchmarking

## List Of Tables

### LIST OF TABLES

- Table 1 Global concentrating solar thermal collector market estimates & forecasts 2014 - 2025 (Megawatts) (USD Million)
- Table 2 Global non-concentrating solar thermal collector market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)
- Table 3 Global flat plate solar thermal collector market estimates & forecasts 2014 - 2025 (Megawatts) (USD Million)
- Table 4 Global evacuated tube solar thermal collector market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)
- Table 5 Global unglazed water solar thermal collector market estimates & forecasts 2014 - 2025 (Megawatts) (USD Million)
- Table 6 Global air solar thermal collector market estimates & forecasts, 2014 - 2025 (Megawatts) (USD Million)
- Table 7 Global solar thermal collector market estimates & forecasts in commercial applications 2014 - 2025 (Megawatts) (USD Million)
- Table 8 Global solar thermal collector market estimates & forecasts in residential applications, 2014 - 2025 (Megawatts) (USD Million)
- Table 9 Global solar thermal collector market estimates & forecasts in industrial applications 2014 - 2025 (Megawatts) (USD Million)
- Table 10 North America solar thermal collector market volume, by product, 2014 - 2025 (Megawatts)
- Table 11 North America solar thermal collector market revenue, by product, 2014 - 2024 (USD Million)
- Table 12 North America non-concentrating solar thermal collector market volume, 2014 - 2025 (Megawatts)
- Table 13 North America non-concentrating Solar thermal collector market revenue, 2014 - 2024 (USD Million)
- Table 14 North America solar thermal collector market volume, by application, 2014 - 2025 (Megawatts)
- Table 15 North America solar thermal collectors market revenue, by application, 2013 - 2024 (USD Million)
- Table 16 U.S. solar thermal collectors market volume, by product, 2014 - 2025 (Megawatts)
- Table 17 U.S. solar thermal collectors market revenue, by product, 2013 - 2024 (USD Million)
- Table 18 U.S. non-concentrating solar thermal collector market volume, 2014 - 2025

(Megawatts)

Table 19 U.S. non-concentrating Solar thermal collector market revenue, 2014 - 2024  
(USD Million)

Table 20 U.S. solar thermal collector market volume, by application, 2014 - 2025  
(Megawatts)

Table 21 U.S. Solar thermal collectors market revenue, by application, 2013 - 2024  
(USD Million)

Table 22 Europe solar thermal collector market volume, by product, 2014 - 2025  
(Megawatt)

Table 23 Europe solar thermal collectors market revenue, by product, 2014 - 2025  
(USD Million)

Table 24 Europe solar thermal collectors market volume, by non-concentrating, 2014 - 2025 (megawatt)

Table 26 Europe solar thermal collectors market revenue, by non-concentrating, 2014 - 2025 (USD Million)

Table 27 Europe solar thermal collectors market volume, by application, 2014 - 2025 (megawatt)

Table 29 Europe solar thermal collectors market revenue, by application, 2014 - 2025 (USD Million)

Table 30 Germany solar thermal collector market volume, by product, 2014 - 2025 (Megawatt)

Table 31 Germany solar thermal collector market revenue, by product, 2014 - 2025 (USD Million)

Table 32 Germany solar thermal collector market volume, by Non-concentrating collectors, 2014 - 2025 (Megawatt)

Table 33 Germany solar thermal collector market revenue, by Non-concentrating collectors, 2014 - 2025 (USD Million)

Table 34 Germany solar thermal collector market volume, by application, 2014 - 2025 (megawatt)

Table 35 Germany solar thermal collector market revenue, by application, 2014 - 2025 (USD Million)

Table 36 Asia Pacific solar thermal collector market volume, by product, 2014 - 2025 (Megawatt)

Table 37 Asia Pacific solar thermal collector market revenue, by product, 2014 - 2025 (USD Million)

Table 38 Asia Pacific solar thermal collector market volume, by Non-concentrating collectors, 2014 - 2025 (Megawatt)

Table 39 Asia Pacific solar thermal collector market revenue, by Non-concentrating collectors, 2014 - 2025 (USD Million)



Table 40 Asia Pacific solar thermal collector market volume, by application, 2013 - 2024 (Megawatt)

Table 41 Asia Pacific solar thermal collector market volume, by application, 2013 - 2024 (Megawatt)

Table 42 China solar thermal collector market volume, by product, 2014 - 2025 (Megawatt)

Table 43 China solar thermal collector market revenue, by product, 2014 - 2025 (USD Million)

Table 44 China solar thermal collector market volume, by non-concentrating collectors, 2014 - 2025 (Megawatt)

Table 45 China solar thermal collector market revenue, by non-concentrating collectors, 2014 - 2025 (USD Million)

Table 46 China solar thermal collector market volume, by application, 2014 - 2025 (Megawatt)

Table 47 China solar thermal collector market revenue, by application, 2014 - 2025 (USD Million)

Table 48 ROW solar thermal collector market volume, by product, 2014 - 2025 (Megawatt)

Table 49 ROW solar thermal collector market revenue, by product, 2014 - 2025 (USD Million)

Table 50 ROW solar thermal collectors market volume, by non-concentrating collectors, 2014 - 2025 (Megawatt)

Table 51 ROW solar thermal collectors market Revenue, by non-concentrating collectors, 2014 - 2025 (USD Million)

Table 52 ROW solar thermal collectors market volume, by application, 2013 - 2024 (Megawatt)

Table 53 ROW solar thermal collectors market revenue, by application, 2014 - 2025 (USD Thousand)

## List Of Figures

### LIST OF FIGURES

Fig. 1 Market summary

Fig. 2 Market segmentation & scope

Fig. 3 Solar Thermal Collector Market - Value chain analysis

Fig. 4 Market driver relevance analysis (Current & future impact)

Fig. 5 Total infrastructure investment in Asia Pacific, 2012 - 2016 (USD Billion)

Fig. 1 Global energy resources share, (%)

Fig. 2 Market restraint relevance analysis (Current & future impact)

Fig. 3 Global PV demand (GW)

Fig. 4 Penetration & growth prospect mapping

Fig. 5 PESTEL Analysis

Fig. 6 Porter's Five Forces Analysis

Fig. 7 Solar thermal collector market application outlook: Key takeaways

Fig. 8 Solar thermal collector market: Product movement analysis, 2016 & 2025

Fig. 9 Solar thermal collector market application outlook: Key takeaways

Fig. 10 Solar thermal collector market: Non concentrating collector movement analysis, 2016 & 2025

Fig. 11 Solar thermal collector market application outlook: Key takeaways

Fig. 12 Solar thermal collector market: Application movement analysis, 2016 & 2025

Fig. 13 Regional market place: Key takeaways

Fig. 14 Solar thermal collector market: Regional movement analysis, 2015 & 2025

Fig. 15 Germany country outlook, 2013 to 2024 (Tons) (USD million)

Fig. 16 Asia Pacific market revenue and volume estimates (USD Million, Tons) (2014 - 2025)

Fig. 17 China country outlook, 2013 to 2024 (Tons) (USD million)

Fig. 18 Latin America market revenue and volume estimates (USD Million, Tons) (2014 - 2025)

Fig. 19 Strategy Framework

## I would like to order

Product name: Solar Thermal Collectors Market Analysis By Product [Concentrating, Non-Concentrating (Flat Plate, Evacuated Tube, Unglazed Water Collector, Air Collector)], By Application, By Region, And Segment Forecasts, 2014 - 2025

Product link: <https://marketpublishers.com/r/SB8C224F6FBEN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SB8C224F6FBEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970