

# Europe Silicon on Insulator Market-Companies Profiles, Size, Share, Growth, Trends and Forecast to 2026

<https://marketpublishers.com/r/E43A7510D4AEN.html>

Date: February 2019

Pages: 100

Price: US\$ 2,500.00 (Single User License)

ID: E43A7510D4AEN

## Abstracts

Europe Silicon on Insulator Market is expected to reach at a CAGR of 10.0% in the forecast period of 2019 to 2026. The market report contains data for the historic year 2017, the base year of calculation is 2018 and the forecast period is 2019 to 2026.

## MARKET SEGMENTATION

By Wafer Type (Fully Depleted Silicon on Insulator (FD-SOI), RF-SOI, Emerging-SOI, Partially Depleted Silicon on Insulator (PD-SOI), Power-SOI, Wafer Size (

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 OVERVIEW OF EUROPE SILICON ON INSULATOR MARKET
- 1.4 CURRENCY AND PRICING
- 1.5 LIMITATION
- 1.6 MARKETS COVERED

### 2 MARKET SEGMENTATION

- 2.1 MARKETS COVERED
- 2.2 GEOGRAPHIC SCOPE
- 2.3 YEARS CONSIDERED FOR THE STUDY
- 2.4 CURRENCY AND PRICING
- 2.5 RESEARCH METHODOLOGY
- 2.6 TECHNOLOGY LIFE LINE CURVE
- 2.7 MULTIVARIATE MODELLING
- 2.8 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS
- 2.9 DBMR MARKET POSITION GRID
- 2.10 MARKET APPLICATION COVERAGE GRID
- 2.11 DBMR MARKET CHALLENGE MATRIX
- 2.12 IMPORT-EXPORT DATA
- 2.13 SECONDARY SOURCES
- 2.14 ASSUMPTIONS

### 3 MARKET OVERVIEW

- 3.1 DRIVERS
  - 3.1.1 GROWING DEMAND FOR SEMICONDUCTORS
  - 3.1.2 GROWING ADOPTION OF FD-SOI
  - 3.1.3 GROWING DEMAND OF FAULT-TOLERANT SOI MICROPROCESSOR IN SPACE APPLICATIONS
  - 3.1.4 SOI FILM THICKNESS STANDS AS A TUNABLE PARAMETER FOR DEVICE SHRINKING
- 3.2 RESTRAINTS
  - 3.2.1 SILICONE PRICE OUTPOURING AS THE DEMAND SINKS

3.2.2 USAGE OF SILICONE CHEMICAL PRODUCTS IS HARMFUL FOR THE BIODIVERSITY

3.2.3 DECLINE IN THE AVAILABILITY OF SILICONE DUE TO STRINGENT ENVIRONMENTAL REGULATIONS LEADING TO SHUT DOWN OF PLANTS

3.3 OPPORTUNITIES

3.3.1 RF-SOI THAT SUPPORT DATA TRANSFER RATES OF 1 GBPS AND HIGHER

3.3.2 COST-EFFECTIVE SOI FOR ENTRY-LEVEL SMART PHONES MANUFACTURERS

Europe Silicon on Insulator Market - Industry Trends Forecast to 2026

3.4 CHALLENGES

3.4.1 SELF-HEATING PROBLEM OF SOI

3.4.2 FABRICATION AND MEASUREMENT OF THIN AND UNIFORM LAYERS

## **4 EXECUTIVE SUMMARY**

## **5 PREMIUM INSIGHTS**

## **6 INDUSTRY INSIGHTS**

## **7 EUROPE SILICON ON INSULATOR MARKET, BY WAFER TYPE**

7.1 OVERVIEW

7.2 RF SOI

7.3 PARTIALLY DEPLETED SILICON ON INSULATOR (PD-SOI)

7.4 FULLY DEPLETED SILICON ON INSULATOR (FD-SOI)

7.5 POWER SOI

7.6 EMERGING SOI

7.6.1 PHOTONICS-SOI

7.6.2 IMAGER-SOI

## **8 EUROPE SILICON ON INSULATOR MARKET, BY WAFER SIZE**

8.1 OVERVIEW

8.2 300MM

8.3

## List Of Tables

### LIST OF TABLES

TABLE 1 IMPORT DATA OF CHEMICAL ELEMENTS AND COMPOUNDS DOPED FOR USE IN ELECTRONICS, IN THE FORM OF DISCS, WAFERS, CYLINDERS, RODS OR SIMILAR FORMS, OR CUT INTO DISCS, WAFERS OR SIMILAR FORMS, WHETHER OR NOT POLISHED OR WITH A UNIFORM EPITAXIAL COATING (EXCLUDING ELEMENTS THAT HAVE BEEN FURTHER PROCESSED, E.G. BY SELECTIVE DIFFUSION); HS CODE 3818 (USD MILLION)

TABLE 2 EXPORT DATA OF CHEMICAL ELEMENTS AND COMPOUNDS DOPED FOR USE IN ELECTRONICS, IN THE FORM OF DISCS, WAFERS, CYLINDERS, RODS OR SIMILAR FORMS, OR CUT INTO DISCS, WAFERS OR SIMILAR FORMS, WHETHER OR NOT POLISHED OR WITH A UNIFORM EPITAXIAL COATING (EXCLUDING ELEMENTS THAT HAVE BEEN FURTHER PROCESSED, E.G. BY SELECTIVE DIFFUSION); HS CODE 3818 (USD MILLION)

TABLE 3 AVERAGE SILICONE PRICES IN U.S. FROM 2013 TO 2017 ARE:

TABLE 4 SOME OF THE MAJOR EUROPE PRODUCERS OF SILICONE ARE:

TABLE 5 LIST OF THE COMPANY'S MANUFACTURING COST EFFICIENT SMARTPHONES AROUND THE WORLD:

TABLE 6 EUROPE SILICON ON INSULATOR MARKET, BY WAFER TYPE, 2017-2026 (THOUSAND UNITS)

TABLE 7 EUROPE SILICON ON INSULATOR MARKET, BY WAFER TYPE, 2017-2026 (USD MILLION)

TABLE 8 EUROPE RF SOI IN SILICON TEXTILE CHEMICALS MARKET, BY REGION, 2017-2026 (THOUSAND UNITS)

TABLE 9 EUROPE RF SOI IN SILICON TEXTILE CHEMICALS MARKET, BY REGION, 2017-2026 (USD MILLION)

TABLE 10 EUROPE PARTIALLY DEPLETED SILICON ON INSULATOR (PD-SOI) IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (THOUSAND UNITS)

TABLE 11 EUROPE PARTIALLY DEPLETED SILICON ON INSULATOR (PD-SOI) IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (USD MILLION)

TABLE 12 EUROPE FULLY DEPLETED SILICON ON INSULATOR (FD-SOI) IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (THOUSAND UNITS)

TABLE 13 EUROPE FULLY DEPLETED SILICON ON INSULATOR (FD-SOI) IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (USD MILLION)

TABLE 14 EUROPE POWER SOI IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (THOUSAND UNITS)

TABLE 15 EUROPE POWER SOI IN SILICON ON INSULATOR MARKET, BY

REGION, 2017-2026 (USD MILLION)

TABLE 16 EUROPE EMERGING SOI IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (THOUSAND UNITS)

TABLE 17 EUROPE EMERGING SOI IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (USD MILLION)

10

Europe Silicon on Insulator Market - Industry Trends Forecast to 2026

TABLE 18 EUROPE EMERGING SOI IN SILICON ON INSULATOR MARKET, BY WAFER TYPE, 2017-2026 (THOUSAND UNITS)

TABLE 19 EUROPE EMERGING SOI IN SILICON ON INSULATOR MARKET, BY WAFER TYPE, 2017-2026 (USD MILLION)

TABLE 20 EUROPE SILICON ON INSULATOR MARKET, BY WAFER SIZE, 2017-2026 (USD MILLION)

TABLE 21 EUROPE 300MM WAFER SIZE IN SILICON ON INSULATOR MARKET, BY REGION, 2017-2026 (USD MILLION)

TABLE 22 EUROPE

## List Of Figures

### LIST OF FIGURES

FIGURE 1 EUROPE SILICON ON INSULATOR MARKET: SEGMENTATION

FIGURE 2 EUROPE SILICON ON INSULATOR MARKET: DATA TRIANGULATION

FIGURE 3 EUROPE SILICON ON INSULATOR MARKET: RESEARCH SNAPSHOT

FIGURE 4 EUROPE SILICON ON INSULATOR MARKET: TOP DOWN APPROACH

FIGURE 5 EUROPE SILICON ON INSULATOR MARKET: BOTTOM UP APPROACH

FIGURE 6 EUROPE SILICON ON INSULATOR MARKET: THE TECHNOLOGY LIFE LINE CURVE

FIGURE 7 MULTIVARIATE MODELLING FOR EUROPE SILICON ON INSULATOR MARKET

FIGURE 8 EUROPE SILICON ON INSULATOR MARKET: INTERVIEW DEMOGRAPHICS

FIGURE 9 EUROPE SILICON ON INSULATOR MARKET: DBMR MARKET POSITION GRID

FIGURE 10 EUROPE SILICON ON INSULATOR MARKET: MARKET APPLICATION COVERAGE GRID

FIGURE 11 EUROPE SILICON ON INSULATOR MARKET: THE MARKET CHALLENGE MATRIX

FIGURE 12 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES OF EUROPE SILICON ON INSULATOR MARKET

FIGURE 13 EUROPE SILICON ON INSULATOR MARKET: SEGMENTATION

FIGURE 14 INCREASING DEMAND OF FAULT-TOLERANT SOI

MICROPROCESSOR IN SPACE APPLICATIONS IS EXPECTED TO GROW THE SILICON ON INSULATOR MARKET IN THE FORECAST PERIOD 2019 TO 2026

FIGURE 15 RF-SOI SEGMENT IS EXPECTED TO ACCOUNT FOR THE LARGEST SHARE OF THE EUROPE SILICON ON INSULATOR MARKET IN 2019 & 2026

FIGURE 16 EUROPE SILICON ON INSULATOR MARKET: BY WAFER TYPE, 2018

FIGURE 17 EUROPE SILICON ON INSULATOR MARKET: BY WAFER SIZE, 2018

FIGURE 18 EUROPE SILICON ON INSULATOR MARKET: BY PRODUCT, 2018

FIGURE 19 EUROPE SILICON ON INSULATOR MARKET: BY TECHNOLOGY, 2018

FIGURE 20 EUROPE SILICON ON INSULATOR MARKET: BY APPLICATION, 2018

FIGURE 21 EUROPE SILICON ON INSULATOR MARKET: SNAPSHOT (2018)

FIGURE 22 EUROPE SILICON ON INSULATOR MARKET: BY COUNTRY (2018)

FIGURE 23 EUROPE SILICON ON INSULATOR MARKET: BY COUNTRY (2019 & 2026)

FIGURE 24 EUROPE SILICON ON INSULATOR MARKET: BY COUNTRY (2018 &

2026)

FIGURE 25 EUROPE SILICON ON INSULATOR MARKET, BY WAFER TYPE (2019 - 2026)

FIGURE 26 EUROPE COLORANT MARKET: COMPANY SHARE 2018 (%)

## I would like to order

Product name: Europe Silicon on Insulator Market-Companies Profiles, Size, Share, Growth, Trends and Forecast to 2026

Product link: <https://marketpublishers.com/r/E43A7510D4AEN.html>

Price: US\$ 2,500.00 (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/E43A7510D4AEN.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



