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NANOTECHNOLOGY MARKETS AND TRENDS

FIRST EDITION

**A Comprehensive Worldwide Market Study
on the Trends, Issues, and Leading Companies
in Nanotechnology**

Report Highlights

- **Funding Sources**
 - ◆ **Worldwide Overview**
 - ◆ **Key Countries and Initiatives**
- **Materials**
 - ◆ **Technology Trends and Issues**
 - ◆ **Revenue Forecasts**
 - ◆ **Leading Companies**
- **Electronics**
 - ◆ **Key Products**
 - ◆ **Revenue Forecasts**
 - ◆ **Leading Companies**
- **Energy**
 - ◆ **Technology Trends and Issues**
 - ◆ **Leading Companies**
- **Metrology**
 - ◆ **Tools and Instruments**
 - ◆ **Revenue Forecasts**
 - ◆ **Leading Companies**



Electronic Trend Publications

1975 Hamilton Avenue, Suite 6
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• *A Technology Market Research Company*

E-mail: info@electronictrendpubs.com
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NANOTECHNOLOGY MARKETS AND TRENDS

Synopsis

The ultimate impact of nanotechnology will be broad and deep because of the potential to apply new material innovations to so many different situations and challenges. Nanotechnology will profoundly change major industries such as electronics, medicine, transportation, defense, and consumer goods through the development of advanced materials that are lighter, stronger, and more versatile than existing materials.

However, as with any exciting topic, there is a lot of speculation and exaggerated estimates about the impact of nanotechnology over time. To help you evaluate the future directions of nanotechnology, *Electronic Trend Publications* is pleased to present, **Nanotechnology Markets and Trends**, a comprehensive worldwide market study on the trends, issues, and leading companies in nanotechnology.

This report is organized into seven chapters. Chapter 1, “Introduction,” outlines the scope, organization, and methodology for the report. Chapter 2, “Executive Summary,” presents top-level data from throughout the report.

Chapter 3, “Worldwide Nanotechnology Funding,” looks at government support and funding of nanotechnology research initiatives by country.

Chapter 4, “Nanotechnology Materials,” examines the basic building block elements and components that are used to construct integrated circuits, sensors, displays, and energy devices. The chapter also quantifies and forecasts the total growth in nanotechnology materials spending over the next fifteen years.

Chapter 5, “Nanotechnology and Electronics,” examines how nanotechnology will impact leading industry segments such as integrated circuits, sensors, and display technology. The chapter quantifies and forecasts the total growth of nanotechnology in these key electronics markets over the next fifteen years.

Chapter 6, “Nanotechnology and Energy,” examines how nanotechnology will impact areas such as energy storage, generation, transmission, and conversion.

Chapter 7, “Nanotechnology Metrology,” looks at the leading tools and instruments used to develop nanotechnology materials and products. The chapter also quantifies and forecasts the total growth in nanotechnology metrology over the next fifteen years.

Profiles of leading nanotechnology suppliers are provided in Chapters 4–7. These profiles provide a snap-shot of leading nanotechnology companies’ directions and products.

As the future of nanotechnology is critical to your business, please review the report’s outline on the following pages. **Nanotechnology Markets and Trends** will provide you with the key information you need to address this dynamic topic. The report sells for \$1995, with extra copies \$350 each. Each copy includes both a hardbound version and a single-user PDF on CD-ROM. Corporate licensing is available—contact us for pricing. Order your copies today!

About the Author

Randall Sherman, president of New Venture Research Corp., a California market research and business consulting firm, serves as principal analyst for this report. Mr. Sherman has more than 20 years’ experience in technology and business research. He began his career as a telecom network design engineer. He has held senior positions at various market research firms including Creative Strategies and Frost and Sullivan. Mr. Sherman performed undergraduate studies in physics and astrophysics, holds an MSEE from the University of Colorado, and an MBA from Edinburgh School of Business.

NANOTECHNOLOGY MARKETS AND TRENDS

Table of Contents

Chapter 1: Introduction

Chapter 2: Executive Summary

Chapter 3:

Worldwide Nanotechnology Funding

North America

Europe

Asia

Chapter 4: Nanotechnology Materials

Nanotubes, Wires, and Particles

Composites, Clays, and Polymers

Coatings, Gels, and Paints

Other Nanomaterials

Nanotechnology Market for Materials

Nanotechnology Forecast for Materials

Companies and Products

Chapter 5: Nanotechnology and Electronics

Microprocessors, Memory, and Optoelectronics

Microprocessors

Optoelectronics

Memory

Nanotechnology Market

Nanotechnology Forecast

Leading Companies and Products

Sensors

Overview

Carbon-Nanotube-Based Sensors

Chemical and Gas Sensors

Electrical and Magnetic Sensors

Accelerometers and Gyros

Nanotechnology Market

Nanotechnology Forecast

Leading Companies and Products

Displays

Overview

Light Emitting Diodes and Phosphors

Field Emission Displays

Organic and Molecular

Nanotechnology Market

Nanotechnology Forecast

Leading Companies and Products

Chapter 6: Nanotechnology and Energy

Energy Generation and Storage

Overview

Batteries/Fuel Cells

Supercapacitors

Other

Energy Transmission and Conversion

Energy Conversion

Energy Transmission

Other

Companies and Products

Chapter 7: Nanotechnology Metrology

Tools and Instruments

Industry Overview

Imaging Devices

High Energy Lasers

Scanning and Electron Probes/Microscopes

Other Instrumentation

Market

Current Market and Products

Market Forecast by Product

Market Forecast by Industry Sector

Leading Companies and Suppliers

Partial List of Tables and Figures

Worldwide Nanotechnology Funding, 2004

Chemical Industry Nanomaterials, 2004–2019

Electronics Industry Nanomaterials, 2004–2019

Medical Industry Nanomaterials, 2004–2019

Military/Transportation Industry Nanomaterials, 2004–2019

University and R&D Nanomaterials, 2004–2019

Total Nanomaterials Market, 2004–2019

MPU Nanotechnology Forecast, 2004–2019

Optoelectronics Nanotechnology Forecast, 2004–2019

Memory Nanotechnology Forecast, 2004–2019

Temperature Sensor Nanotechnology Forecast, 2004–2019

Pressure Sensor Nanotechnology Forecast, 2004–2019

Accelerometer/Gyro Nanotechnology Forecast, 2004–2019

Magnetic Sensor Nanotechnology Forecast, 2004–2019

Other Sensor Nanotechnology Forecast, 2004–2019

TFT-LCD Display Nanotechnology Forecast, 2004–2019

Plasma/EL Display Nanotechnology Forecast, 2004–2019

FED/Other Display Nanotechnology Forecast, 2004–2019

Laboratory Metrology Equipment, 2004–2019

The nanotechnology products and services of the following companies and organizations are profiled:

Ab Europositron

Accurion Scientific

Adaptive Materials

ADE

Advanced Diamond Tech

Advanced Nano Products

Advanced Nanotech

Advanced Sensor Tech

Advanced Thin Films

Agilent Technologies

Ahwahnee Technology

Akustica

Akzo Nobel

Altair Nanotechnologies

Ambios Technology

Ambri Limited

Analog Devices

AP Materials

ApNano Materials

Applied Nanofluorescence

Applied Nanotech

Applied NanoWorks

Applied Physics Tech

Argonide Nanomaterial

Arryx

Aspen Aerogels

Asylum Research

AuGRID

Axion Power Intl

Brewer Science

Bruker Axs

Cambridge Display Tech

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Carbon Solutions

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Coherent

Colibrys

Concentris

Crossbow Technologies

Cymbet

DA NanoMaterials

DayStar Technologies

Dendritech

DiCon Fiberoptics

Dionex

Displaytech

E Ink

Eikos

Elementis Specialties

EMCORE

NANOTECHNOLOGY MARKETS AND TRENDS

Table of Contents (continued)

The nanotechnology products and services of the following companies and organizations are profiled:

Enable IPC	Inframat	MicroSensors	NanoProducts	SCI Engineered Materials
Ener1	InMat	Microtrac	Nanosolar	Seagate Technology
Evident Technologies	Integran Technologies	Molecular Imprints	Nanostructured	Sensicore
FEI Company	Integrated Nano-Tech	Moore Nanotechnology	Nano-Tex	Sensor System Solutions
Fisher Scientific	Ionic Fusion	mPhase Technologies	NanoWave	Shimadzu
FLX Micro	Ionwerks	MTS Systems	NANO-X GmbH	Siargo
Focal Point Microsystems	Iolon	MWS Sensorik	Nantero	Silicon Microstructures
Freescale Semiconductor	Iris AO	Nanoco	Newport	Solaris Nanosciences
Frontier Carbon	ItN Nanovation	nanoComposix	Noble Polymers	Solaronix
Gatan	JEOL	Nanocor	NTERA	SouthWest NanoTech
GE Global Research	Kainos Energy	NanoCraft	Nyacol Nano Tech	SPECS Scientific
General Nanotechnology	Keithley Instruments	Nanocyl S.A.	Pacific Fuel Cell	Spire
GP NanoTechnology	Kionix	NanoDynamics	Parallel Synthesis Tech	Starfire Systems
Headwall Photonics	Komag	Nanofilm	PerkinElmer	Tailored Materials
Headwaters	Konarka	NanoFocus	Plug Power	Tekion Solutions
Helix Material Solutions	LIGHTCONNECT	Nanogen	Polaron plc	Tektronix
HERA Hydrogen Storage	Lumera	NanoGram	PolyFuel	Teravicta Technologies
Hitachi High-Tech	Luna Innovations	NanoInk	Polymer Vision	Thermo Electron
HT Micro Analytical	Mad City Labs, Inc	NanoLab	PolyOne	ULVAC
Hybrid Plastics	Measurement Specialties	Nanolayers	Positron Systems	Umech Technologies
Hydrogen Solar	Meliorum Technologies	Nanoledge	Postnova Analytics	US Global Nanospace
Hymite A/S	Melles Griot	NanoLign	Powdermet	US Nanocorp
Hyperion Catalysis Intl	MEMS Optical	NanoLogic	Precision Detectors	Varian
Hyper-Therm	MEMS Solution	NanoMaterials	QinetiQ Nanomaterials	Veeco Instruments
Hysitron	MEMSCAP	Nanometrics	QuantumSphere	VTI Technologies
IBM Research	MEMSIC	Nanomix	RadantMEMS	Waters
ILJIN Nanotech	MEMtronics	Nanonex	RAVE	Xintek
Imago Scientific	MEMX	NanoOpto	Reflectivity	Zygo
IMEC	Metal Nanopowders	Nanophase Technologies	Sandia National Labs	Zyvex
Infinera	Mettler-Toledo			

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