

# Global Magnetic Nanoparticle Market by Application [Biomedical (Targeted Drug Delivery, Therapeutic Hyperthermia, MRI), IT and Electronic (Recording Media, Data Storage), Energy Storage] – Forecast to 2022

<https://marketpublishers.com/r/GE1FD5C8ED3EN.html>

Date: April 2017

Pages: 60

Price: US\$ 2,200.00 (Single User License)

ID: GE1FD5C8ED3EN

## Abstracts

The Magnetic Nanoparticle Industry is witnessing enormous potential owing to continuous research and development over the past few years. Usage of the magnetic nanocarriers in biomedical applications for separation, diagnosis and therapy has been a subject of research for almost a decade. The continuous developments and ongoing research ranging from contrast agents for magnetic resonance imaging to the deterioration of cancer cells via hyperthermia treatment have paved a bright future, especially in medical industry. Thus, owing to such evolution, the Magnetic Nanoparticle Industry is anticipated to grow at a CAGR of 21% during the forecasted period of 2016 -2022.

The report “Global Magnetic Nanoparticle Market by Application [Biomedical (Targeted Drug Delivery, Therapeutic Hyperthermia, MRI), IT and Electronic (Recording Media, Data Storage), Energy Storage] – Forecast to 2022” outlines industry overview highlighting the current scenario in the magnetic nanoparticle industry along with its segmentation in terms of application; led by biomedical industry owing to ongoing research and development of innovative techniques, such as Nano MRI Lamp and others; simplifying the process in the areas of diagnosis, therapy, etc. The magnetic nanoparticles have promising role in the areas of Energy storage and Electronic application.

In 2016, a substantial share of the global magnetic nanoparticle was held by North America owing to the high concentration of prominent manufacturers and users of

magnetic nanoparticle in this region. Increasing developments alongside growing rate of research in the areas of imaging, therapy, separation, etc. has driven the industry in the region, followed by Europe and Asia Pacific.

Moreover, the report highlights key industry trends propelling the industry's growth along with the opportunity in the market. Additionally, key challenges section presents the current roadblocks in the industry. The key players included in this market are NanoComposix, Nanoshel, Nvigen, NN Labs, Ltd., and others. The detailed description of players includes parameters such as company overview and product portfolio along with the description and application area.

## Contents

### 1. ANALYST VIEW

### 2. RESEARCH METHODOLOGY

### 3. MAGNETIC NANOPARTICLE - INTRODUCTION

### 4. MAGNETIC NANOPARTICLE MARKET OUTLOOK BY APPLICATION

#### 4.1 Biomedical

4.1.1 Targeted Drug Delivery

4.1.2 Therapeutic Hyperthermia

4.1.3 Magnetic Resonance Imaging

4.1.4 Others

#### 4.2 Energy Storage

4.2.1 Li-ion Battery

4.2.2 Fuel Cell

4.2.3 Supercapictors

#### 4.3 IT and Electronics

4.3.1 Recording Media

4.3.2 Data Storage

#### 4.4 Others

### 5. MAGNETIC NANOPARTICLE - REGIONAL ANALYSIS

#### 5.1 North America

#### 5.2 Europe

#### 5.3 Asia-Pacific

#### 5.4 RoW

### 6. INDUSTRY DRIVERS AND CHALLENGES

#### 6.1 Drivers

6.1.1 Biomedical Applications Driving Magnetic Nanoparticles Industry

6.1.2 Magnetic Nanoparticles: Ameliorating Environment

6.1.3 Research and Development Propelling the Industry

#### 6.2 Challenges

6.2.1 Magnetic Gradients Delivery: Challenge in Clinical Drug Targeting

### 6.2.2 Lower Penetration of Magnetic Nanoparticles in Other Segment

## 6.3 Opportunities

### 6.3.1 Improved Tissue Cryopreservation by Inductive Magnetic Nanoparticle Heating

### 6.3.2 Magnetic Nanoparticle: Revolution in Rechargeable Portable Device

### 6.3.3 Data Storage: A Futuristic Opportunity

## 7. COMPETITIVE LANDSCAPE

### 7.1 NanoComposix

#### 7.1.1 Business Overview

#### 7.1.2 Product Portfolio

### 7.2 Nanoshel

#### 7.2.1 Business Overview

#### 7.2.2 Product Portfolio

### 7.3 Nvigen

#### 7.3.1 Business Overview

#### 7.3.2 Product Portfolio

### 7.4 NN-Labs

#### 7.4.1 Business Overview

#### 7.4.2 Product Portfolio

### 7.5 CAN-GmbH

#### 7.5.1 Business Overview

#### 7.5.2 Product Portfolio

### 7.6 Cytodiagnosics

#### 7.6.1 Business Overview

#### 7.6.2 Product Portfolio

### 7.7 Nanografi

#### 7.7.1 Business Overview

#### 7.7.2 Product Portfolio

## List Of Figures

### LIST OF FIGURES:

- Figure 3-1: Global - Magnetic Nanoparticle Market (Billion US\$), 2016-2022
- Figure 4-1: Global - Magnetic Nanoparticle Market by Application (%), 2016
- Figure 4-2: Global - Magnetic Nanoparticle Market for Biomedical (Billion US\$), 2016-2022
- Figure 4-3: Global - Magnetic Nanoparticle Market for Energy Storage (Million US\$), 2016-2022
- Figure 4-4: Global – Magnetic Nanoparticle Market for IT and Electronics (Million US\$), 2016-2022
- Figure 5-1: Global - Magnetic Nanoparticle Market by Region (%), 2016
- Figure 5-2: North America - Magnetic Nanoparticle Market (Billion US\$), 2016-2022
- Figure 5-3: Europe- Magnetic Nanoparticle Market (Billion US\$), 2016-2022
- Figure 5-4: Asia-Pacific - Magnetic Nanoparticle Market (Billion US\$), 2016-2022
- Figure 5-5: RoW - Magnetic Nanoparticle Market (Billion US\$), 2016-2022

## List Of Tables

### LIST OF TABLES:

Table 7-1: NanoComposix - Magnetic Nanoparticle Product Portfolio

Table 7-2: Nanoshel - Magnetic Nanoparticle Product Portfolio

Table 7-3: Nvigen - Magnetic Nanoparticle Product Portfolio

Table 7-4: NN-Labs - Magnetic Nanoparticle Product Portfolio

Table 7-5: CAN GmbH - Magnetic Nanoparticle Product Portfolio

Table 7-6: Cytodiagnosics - Magnetic Nanoparticles Product Portfolio

Table 7-7: Nanografi - Magnetic Nanoparticle Product Portfolio

## I would like to order

Product name: Global Magnetic Nanoparticle Market by Application [Biomedical (Targeted Drug Delivery, Therapeutic Hyperthermia, MRI), IT and Electronic (Recording Media, Data Storage), Energy Storage] – Forecast to 2022

Product link: <https://marketpublishers.com/r/GE1FD5C8ED3EN.html>

Price: US\$ 2,200.00 (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/GE1FD5C8ED3EN.html>