

Biomimetics Trends: Market Research Report

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Abstracts

Biomimetics, also known by other names, including bionics, biognosis, bio-inspiration, and biomimicry, refers to the application of nature-based biological systems and methodologies for studying and designing high-tech sustainable solutions. Biomimetic technologies take inspiration from time-tested biological sciences available in the natural world and subsequently transfer the technology to a diverse range of disciplines for benefiting humans in improving their health and quality of life.

The report analyzes and presents an overview of Biomimetics market worldwide. The report also provides a review of trends, growth drivers, and strategic industry activities of major companies worldwide. The report further discusses about key applications of Biomimetics including Sensor Types, and Vision-based Types. In addition, 29 companies operating in the Biomimetics arena worldwide including 3B's Research Group, Applied Biomimetic A/S, BioHorizons IPH Inc., BioMimetic Systems Inc., Fraunhofer-Gesellschaft, Wright Medical Group, Inc. and others are profiled.

Contents

1. BIOMIMETICS – A TECHNOLOGY OVERVIEW

A Prelude
Biomimetics – An Introduction
Biomimetics – Key Applications
Robotics
Material Science
Geology
Solar Energy
Paint Additives
Construction
Textiles
Transportation
Imaging Devices
Advanced Medical Devices

2. RECENT INDUSTRY ACTIVITY

Wright Medical Group Acquires BioMimetic Therapeutics
Pursuit Dynamics and Biomimetics Form Joint Venture

3. MARKET PARTICIPANTS

3B'S RESEARCH GROUP (PORTUGAL)

ACT BY COTEC (Portugal)
Applied Biomimetic A/S (Denmark)
Aquaporin A/S (Denmark)
Aquaporin Asia Pte. , Ltd. (Singapore)
Avinent (Spain)
BioHorizons IPH, Inc. (USA)
BIOKON International (Germany)
BioMimetic Systems, Inc. (USA)
Biomimetics Health Industries UK (UK)
Biomimetics Technologies, Inc. (Canada)
Bionic engineering network (BEN) (Germany)
BioTomo Pty. , Ltd. (Biomimetics) (Australia)

Building Research Establishment Ltd. (UK)
Chas A Blatchford & Sons Ltd. (Endolite) (UK)
Deutsches Zentrum fuer Luft- und Raumfahrt e. V. German Aerospace Center (DLR)
(Germany)
Forschungszentrum Jülich GmbH (Germany)
Fraunhofer-Gesellschaft (Germany)
Helmholtz Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH
(Germany)
Hstar Technologies Corporation (USA)
IBISS (Denmark)
Nikon Corporation (Japan)
Nissan Motor Co. , Ltd. (Japan)
Sandia National Laboratories (USA)
Swedish Biomimetics 3000 AB (Sweden)
SynTouch LLC (USA)
Thales Group (France)
VTT (Finland)
Wright Medical Group, Inc. (USA)

4. APPENDIX

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