

NANOTECHNOLOGY

in Mexico

Indicators

Potential value of the Mexican market
1.5
billion dollars¹

101
companies from:



Chemicals



Electrical components



Plastics and rubber



Construction



Water



Trade



Food

HAVE INCORPORATED NANO APPLICATIONS

Human talent
650
researchers²

Publications

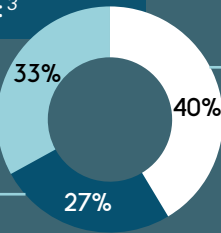
Mexico is one of the Latin American leading countries in published articles on nanotechnology.⁴

Enterprises

In Mexico, there are **17** companies trading nanotechnology products and services.⁵

Activities:³

Technology services



Scientific research

Applied research

Mexico has been classified as doted with medium capacity to implement its technological applications.⁶

The Mexican government drives the use of nano solutions to national problems.

Strenghts

- Scientific infrastructure .
- Increase the number of publications in scientific production.
- International cooperative links with the scientific community.
- Nano Networks.
- Nationally and internationally recognised academic institutions and research centres.
- Availability of public funds.

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Educational institutions offer nanotechnology in their curricula.⁷

Nuevo Leon Nanotechnology Cluster⁸

- 300 related projects.
- 15 new nano products.
- 40% of Nuevo Leon companies have incorporated nano applications.
- 30% of national nano projects are developed in Nuevo Leon.

Nanotechnology Networks

- Nanoscience and Nanotechnology Thematic Network.
- REGINA (Mexican Nanoscience Research Groups Network).
- UAM Nanoscience Network.
- PUNTA Environmental Nanotechnology University Project.

Strategic alliances

- Europe: NanoforumEULA.
- Brazil: CBM Nano - Brazilian-Mexican Nanotechnology Virtual Centre.
- PNN - Pan-American Nanotechnology Network.
- Argentina: Bi-national cooperation centres.

Prepared by:

Source:
1. Dr Jesus Gonzalez, former President of the Nueva Leon Nano Cluster, 2014
2. Nanoscience and Nanotechnology Thematic Network, interview to Gabriel Luna, Network Chairman.
3. Inteliaxis diagnosis of nanotechnology
4. Prepared based on data by Cecilia Noguez (2012). State of the Mexican Art of Nanoscience in numbers
5. Inteliaxis diagnosis of nanotechnology in Mexico
6. The Global Technology Revolution 2020
7. <http://www.nanored.org.mx/planesEstudio.aspx>
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