

How can I access and search the database?

Users can access the database at:

<http://webnet.oecd.org/NanoMaterials>

The database is searchable either through:

- **Simple search** using keywords and Boolean operators: AND (space, &), OR (|) , NOT(-) , wild cards (*)
- **Advanced search** using different criteria such as material name, status, or country.

Users of the database are bound by the terms and conditions for OECD Website Usage and Privacy Policy. User guidance is available as “pop-up” information or for download at:

www.oecd.org/env/nanosafety/database

How will the integrity of the database be maintained?

Data quality is critical to database integrity.

- Data Providers are responsible for entering and ensuring the quality of data.
- Designated Contact Points (for each country or organisation) are responsible for checking data accuracy and consistency.

Some examples of processes to maintain data integrity are:

- To minimise duplicate entries, the Principal Investigator is the Data Provider for projects involving multiple researchers (e.g., trans-national projects)
- To ensure accuracy, the project status (current, planned, completed) must be updated regularly
- Data entry occurs in a secure environment and the Data Provider can control when the entry is made public
- Designated Contact Points can only edit and check entries from their own country

How can I contribute to the database?

Co-operation from the research community is needed to ensure the success of the database as a valuable resource of information. If you wish to contribute to the database, please contact the OECD Secretariat (nanosafety@oecd.org). The Secretariat will contact your respective country or organisation representative to co-ordinate your participation and input to the database.

How will countries co-ordinate activities?

Delegations to the OECD of individual countries and organisations are responsible for coordinating the work of their Data Providers and Designated Contact Points. While the process for populating the database will vary between delegations, the Guidance Manual includes an annex describing modus operandi adopted by certain delegations. These are provided as examples that may be adopted or varied to suit the needs of delegations.

To further assist with co-ordination and communication, Data Providers can access a list of Designated Contact Points through the data entry function within the database. Individual delegations may also use the “comments” field in the database for communication between Data Providers and Designated Contact Points.

Feed back on this database should be sent to the OECD Secretariat at nanosafety@oecd.org.

ABOUT OECD

OECD is an intergovernmental organisation with 30 member countries. More information is available at www.oecd.org

OECD Database on Research into the Safety of Manufactured Nanomaterials

- Global resource which collects research projects that address environmental, human health and safety (EHS) issues of manufactured nanomaterials
- Tool to identify EHS research gaps and assist researchers in developing networks as well as in future collaborative efforts
- Access to research information to support projects of the OECD’s Working Party on Manufactured Nanomaterials (WPMN)



www.oecd.org/env/nanosafety/database

OECD Database on Research into the Safety of Manufactured Nanomaterials

is an inventory of research information relevant to human health and environmental safety.

- Contains information on current, planned, and completed projects
- Will be a global resource which collects research projects that address EHS issues as well as a tool to identify EHS research gaps and facilitate collaboration amongst researchers
- Managed and updated regularly by the OECD's Working Party on Manufactured Nanomaterials (www.oecd.org/env/nanosafety)
- Builds upon the Woodrow Wilson International Centre for Scholars database: *Nanotechnology Health and Environmental Implications: An Inventory of Current Research* (www.nanotechproject.org/inventories/ehs)

What information is included in the database?

Each entry contains distinct fields including:

- Project Title
- Project Status (current, planned, completed)
- Country or Organisation
- Project Summary and Related Web Links
- Research Area and Test Method Used
- Type and Name of Material
- Relevance to the Safety Aspects
- Funding Information (when available)
- Investigator Information
- Overall Outcomes and Outputs

The screenshot displays the website's search interface. At the top, there is a 'Top page' button and the OECD logo. The main header reads 'OECD Database on Research into the Safety of Manufactured Nanomaterials'. Below this, there is a search bar with a 'Simple Search' button and options for 'Search this database', 'Search ICON', and 'Search NIOSH'. A 'Human Health and Environmental Safety Research' section is visible, along with a 'List all projects' link.

The 'Advanced Search' section is highlighted, showing various search criteria:

- Advanced Search Criteria:**
 - Keywords include: [Text input]
 - Principal Investigator name contains: [Text input]
 - From the country: [Dropdown menu with options: Afghanistan, Albania, Algeria, American Samoa, Andorra, Angola]
 - From the organisation: [Dropdown menu with options: Academy of Corporate Governance, African Capacity Building Foundation (ACBF), African Development Bank (ADB), African Seed Trade Association (AFSTA), African Union, African, Caribbean, and Pacific Group of S...]
 - Project active in year: [Year dropdown] and [Year dropdown]
 - With a funding source including: [Text input]
- Categorisation:**
 - Research Themes: [Radio buttons for All, Any Research Theme]
 - Material Name: [Radio buttons for All, Any Material Name]
 - Test Method: [Radio buttons for All, Any Test Method]
- Material Name Selection:**
 - 1. Characterisation and measurement of...
 - 2. Exposure assessment for humans and...
 - 3. Interaction of nanomaterials with biolog...
 - 4. Human Health
 - 5. Ecotoxicology
 - 6. Control measures at workplace
 - Nano Carbon
 - Polymers specifically synthesized to explo...
 - Dendrimers [WPMN]
 - Components of Quantum Dots
 - Inorganic Nanomaterials (in Alphabetical...
 - Inorganic Nanomaterials (in Alphabetical...
- Test Method Selection:**
 - SECTION 1 - PHYSICAL-CHEMICAL PROPI...
 - SECTION 2 - EFFECTS ON BIOTIC SYSTEM...
 - SECTION 3 - DEGRADATION AND ACCUM...
 - SECTION 4 - HEALTH EFFECTS
 - Other test methods (indicated below)
 - Not relevant (the project does not addres...
- Additional Options:**
 - Include additional investigators in the search: [Checkbox]
 - Include a summary of funding data for all matches: [Checkbox]
 - Relevance to the Safety of Manufactured Nanomaterials: [Dropdown menu]
 - Project status: [Dropdown menu]
 - Project Ref.: [Text input]