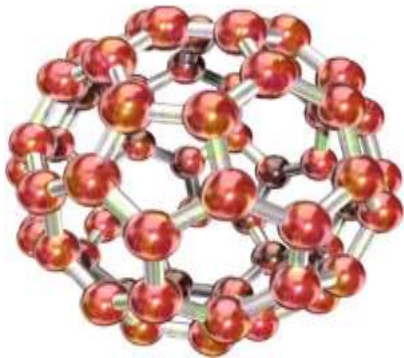
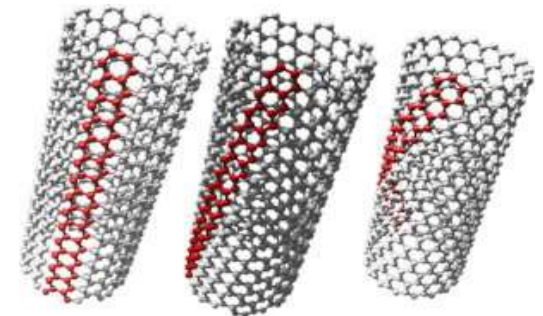


Nanotechnology Business Creation Initiative(NBCI)



May-2023



Nanotechnology Business Creation Initiative(NBCI)

Japanese institution established in 2003 to launch and expand the nanotechnology business.



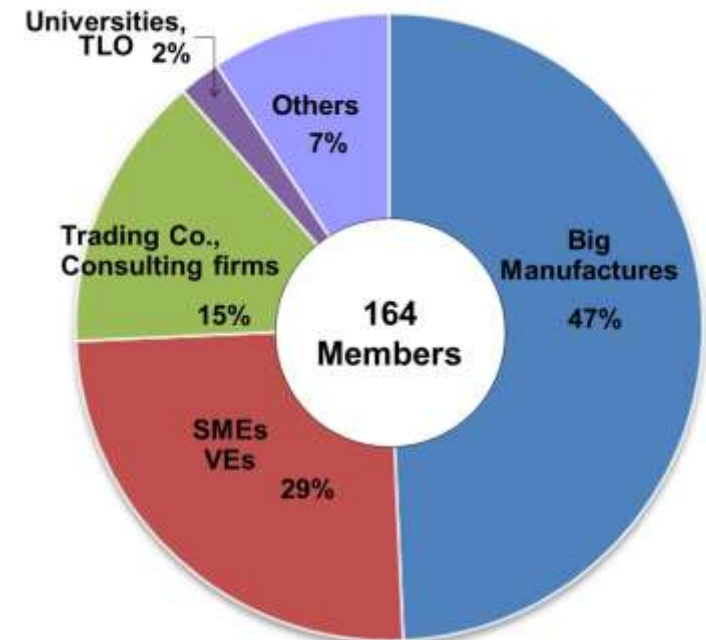
YWCA@Ochanomizu

<https://www.nbcj.jp/en/>

- Business creation by strengthening cross-industry network
- Understanding and effective utilization of governmental policies and systems
- Expansion of nanotechnology business / establishment of infrastructure for industrialization

One of the most industry driven organizations in Japan run on annual membership fees.

The membership is provided to organizations registered in Japan

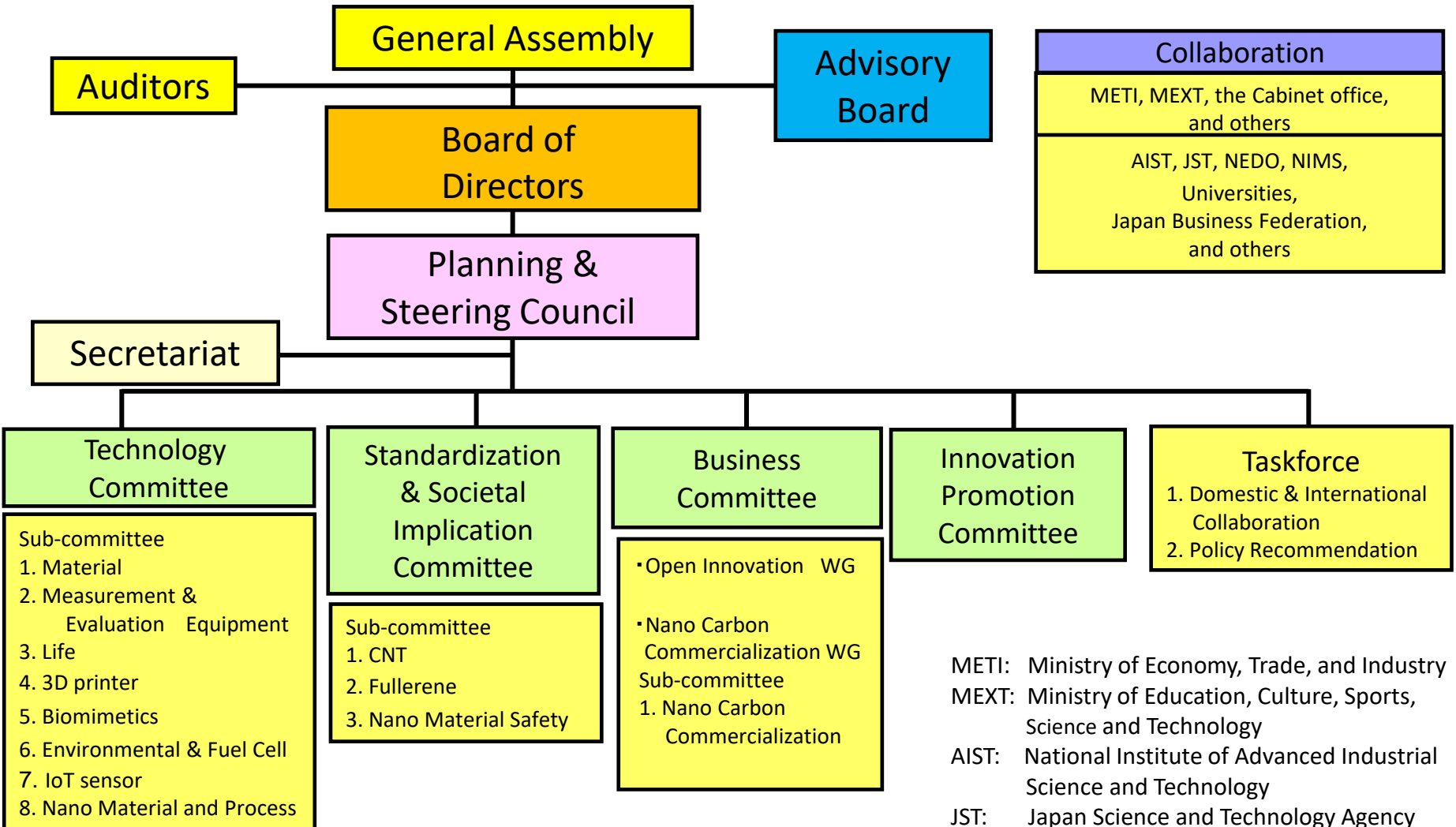


TLO: Technology Licensing Organization

Activities of NBCI

- **Business creation by strengthening cross-industry network**
 - Understanding and sharing needs and seeds information through study group activities
 - Support for building a personal network that transcends industry, government, and academia
 - Providing a forum for discussions to create businesses that lead to the solution of social issues
- **Understanding and effective utilization of governmental policies and systems**
 - Understanding social issues and policy information, and providing them in a timely manner
 - Dissemination of business needs to government officials through frequent exchange of opinions
- **Expansion of nanotechnology business / establishment of infrastructure for industrialization**
 - Extracting and responding to common issues such as standardization related to nanomaterials
 - Industry-government-academia collaborative activities related to ensuring safety and responding to concerns about nanomaterials

NBCI Organization



Collaboration

METI, MEXT, the Cabinet office, and others

AIST, JST, NEDO, NIMS, Universities, Japan Business Federation, and others

METI: Ministry of Economy, Trade, and Industry
 MEXT: Ministry of Education, Culture, Sports, Science and Technology
 AIST: National Institute of Advanced Industrial Science and Technology
 JST: Japan Science and Technology Agency
 NEDO: New Energy and Industrial Technology Development Organization
 NIMS: National Institute of Materials Science

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NBCI Activity Policy

- "Nanotechnology" has become a technology that is used on a daily basis in the manufacturing industry due to the progress of analytical technology, manufacturing and processing technology over the last 20 years, and be a basic technology for promoting innovation in the fields of AI, biotechnology, quantum, and materials that are rapidly advancing.
- NBCI is made up of highly diverse companies with the keyword "nanotechnology." Utilizing this feature, we will support members to develop activities that contribute to solving social issues such as SDGs in collaboration with other members, government agencies, incorporated administrative agencies, and universities.
- For this purpose, NBCI is promoting the collection and sharing of the latest technical and environmental safety information, and networking with industry, academia and government. Furthermore, we are making recommendations on R & D strategies, environmental safety regulations, and standardization activities in the field of nanotechnology.

Mission of Committees

(1) Technology Committee

- Sub-committees have been set up for each target technology field selected from the perspective of promoting the practical application of nanotechnology (currently 8 sub-committees). Through the holding of the sub-committees and lectures, information on technology, products, and markets will be shared among member companies, and related databases will be maintained and made public.
- Through this sub-committee activity, we will support the creation of a wide range of personal networks among participating members, which will be the basis of cooperation/open-innovation between member companies.

(2) Social Acceptance and Standardization Committee

- In order to promote the use of nanomaterials and their products, we will cooperate with related ministries and research institutes to develop and share basic knowledge about nanomaterials, safety information, handling management guidelines as well as regulations, etc. We make recommendations from the standpoint of the nanomaterials industry.
- From the perspective of improving the international market and distribution environment, we will also participate in standardization activities such as ISO / TC229 and OECD / WPMN.

Mission of Committees

(3) Business Committee

- We will create an environment in which members can easily carry out collaboration and open innovation between member companies, governments, independent administrative agencies, universities, etc., and promote the creation of new businesses that lead to social issues.

In the nanocarbon field, In addition by holding lectures and sharing technology and market information, we will promote commercialization through holding “Nanocarbon Open Solution Fairs” at “nano tech” (nanotechnology exhibition).

(4) Innovation Promotion Committee

- By holding lectures by key people such as the government and incorporated administrative agencies, we will motivate the sensitivity of members to social and policy issues, provide information on government projects and support systems, and support their utilization by member companies.

In addition, regarding the utilization of government projects and support systems, policy proposals will be made from the standpoint of the utilization side.

nano tech 2023 the world's largest event of nanotechnology

2023. 2. 1 - 3 Tokyo Big Site

- NBCI participates every year to introduce nanotechnology market
- Held an international nanotechnology group conference



(nano tech 2023 NBCI Booth)

- Nanocarbon Open Solution Faire (Joint Event of NBCI and JCD)
 - Hybrid Exhibition(Real and Online) 28 companies/universities participate
 - Booklet Nanocarbon FAQ (Japanese only) for sale

The 15th

Nanotech Association Conference

Date : February 2th 2023, at 9;30-11;30

Venue : Tokyo Big Sight, Conference Tower,
Room No.608, with online meeting

Organizer ; NBCI & JTB Communication Design

■ Objective : To exchange information in each
Country and Region on Governmental policy/
direction for Nano Technology and discuss
how to create Nano Technology Industry

■ Participants ;

- From Overseas; NNCO(USA), Deep Tech Canada, Waterloo Institute of nanotechnology (CANADA), Netherlands Enterprise Agency (Netherlands), TANIDA(Taiwan), KONTRS, NTRA (KOREA), ANF(Asia Nano Forum: THAILAND, MALAYSIA).
- From Japan; JST-CRDS, AIST, etc.



Comments on the MWC(N)T CLH report

The CLH classification of Multi-Walled Carbon Tubes was proposed by Germany and the public consultation on the proposal was launched on July 5, 2021 (until September 3, 2021). In the public consultation, comments were sought on the "General Information" and "Classification (Carcinogenicity and Specific target organ toxicity)".

Also ECHA's RAC (Committee for Risk Assessment) discussed the CLH classification of Multi-Walled Carbon Tubes. We could submit comments until September 4, 2022.

The NBCI submitted comments three times on the German proposal that the carcinogenicity classification is "1B".

[Comments on the MWC\(N\)T CLH report \(August 17, 2022\)](#)

[http://www.nbcj.jp/file/220203_MWC\(N\)T_CLH_en_p7.pdf](http://www.nbcj.jp/file/220203_MWC(N)T_CLH_en_p7.pdf)

http://www.nbcj.jp/file/NBCI_Comment_on_CLH_report_20220708.pdf

<https://www.nbci.jp/en/>

Search keyword
nbci

Nanotechnology Business Creation Initiative(NBCI)
Tokyo YWCA building. 3F
1-8-11, Kandasurugadai,
Chiyoda-ku, Tokyo 101-0062, JAPAN

Inquiry: <https://www.nbci.jp/cgi-bin/inquiry.cgi>