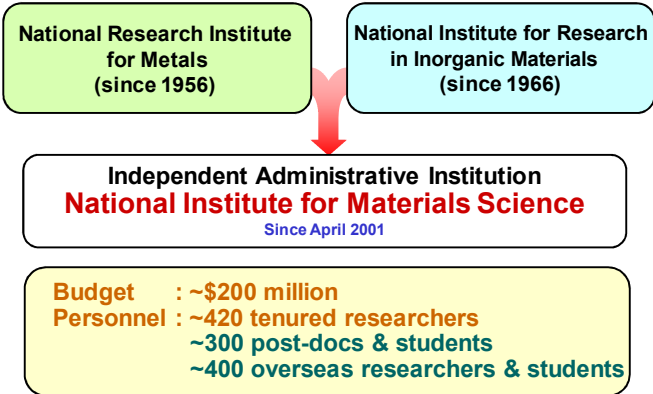


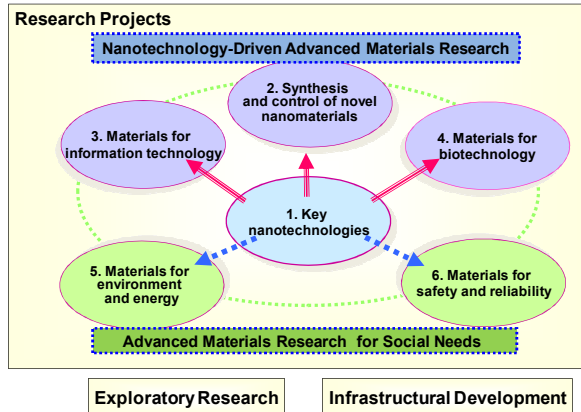
International Activities of National Institute for Materials Science

Masahiro TAKEMURA Kazunari KOIKE
National Institute for Materials Science (NIMS)

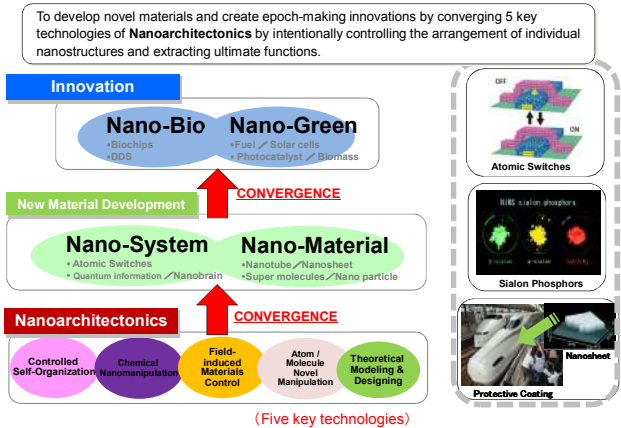
What is NIMS?



Six Major Research Areas

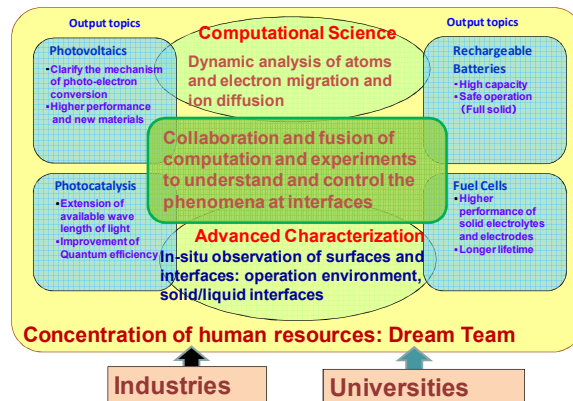


WPI International Center for Materials Nanoarchitectonics (MANA)

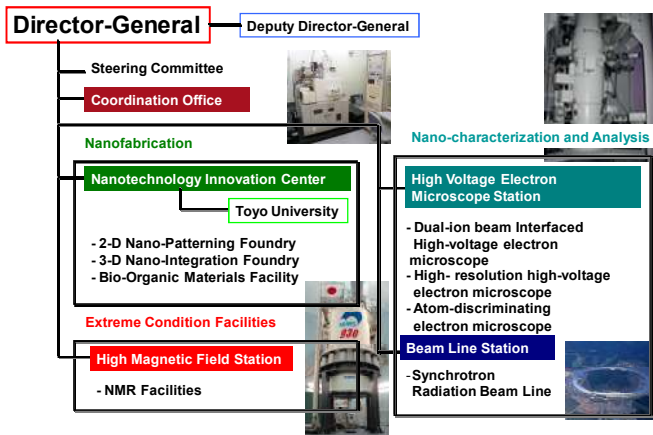


Innovative Center of Nanomaterials Science for Environment and Energy (ICNSEE)

MEXT Program for Develop. Environ. Tech. utilizing Nanotech. (200 M Yen for FY2009)



International Center for Nanotechnology Network



World Materials Research Institute Forum (WMRIF)

- 1st: 2005, Tsukuba, Japan
- 2nd: 2007, Berlin, Germany
- 3rd: 2009, Washington D.C., USA
- 4th: 2011, Shenyang, China



- 44 Material research institutes from 21 countries of 5 continents

President : Teruo Kishi , NIMS

Communication and Cooperation for common issues of national institutes

- Working groups
- Research resource mapping
- Material science outlook
- Global database
- Materials for sustainable energy technology
- Materials reliability
- Materials simulation

(America) ORNL, LLNL, NIST, AMES, EWI, BNL, INMETRO

(Europe & Africa) BAM, KIT, HZB, MPI-MF, NPL, VTT, CNRS-NEEL, LNE, RAS-GISC, RAS-NIIC, CSIC-ICMAB, CSIC-ICMM, EMPA, KFKI, INMAT, SP, MINTEK, U. of Sheffield,

(Asia) NIMS, AIST, CAS-IOP, CAS-IMR, CAS-SIC, FJIRSM, CISRI, KAIST, KIMS, KIST, IMRE, JNCASR, IGCAR, NEERI, BARC, ITRI, MIRDC, MTEC, VAST

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