Knowledge Cluster Initiative

Collaboration with Other Ministries and Agencies

1. Building systems of collaboration with ministries and agencies relating to regional cluster policies

In order to bring together the compartmentalized policies of each ministry and agency under the Council for Science and Technology Policy, the Coordination Program for Science and Technology Projects was established with regard to themes that should be collectively promoted by ministries and agencies because of their national and social significance, and "Regional Science and Technology Clusters" have been established as one such theme. In order to revitalize local economies based on developing S&T, a coordinator has been appointed and unnecessary overlap of related policies of ministries and agencies will be eliminated, and projects will be actively and effectively promoted due to strengthened collaboration.

Furthermore, committees from related ministry bureaus and local governments in each block have been established to more effectively implement state science and technology development policies such as regional clusters. Information exchange and explanatory meetings of related ministries and agencies policies are carried out under these committees.

2. Collaboration with METI (Industrial Cluster Project)

Collaboration with the Industrial Cluster Project promoted by the Ministry of Economy, Trade and Industry(METI) and other projects has been further promoted (e.g.: Establishment of Regional Consortium Research and Development Project, "Interministerial Collaboration Framework"). The Regional Cluster Promotion Council has been established jointly with METI and Joint Achievement Announcement Meetings have been

Furthermore, a Knowledge Cluster/Industrial Cluster Forum (Seminar) was jointly held three times in regional locations and once on a national level in FY 2006. The Regionally Launched Advanced Techno Fair was held in Tokyo, where the two ministries provided and exchanged all information on the achievements of their joint efforts.

Policies of both ministries have been mutually complementary, e.g. the seed generation achievements of MEXT policies have been applied and commercialized by METI, and conversely, feedback of market needs has led to R&D of new seeds.



Hokkaido Bureau of Economy, Trade and Industry (METI Hokkaido)

Hokkaido IT Innovation Strategy

Tohoku Bureau of Economy, Trade and Industry (METI Tohoku)

Manufacturing fields: About 710 companies and 29 universities

-The Greater-Kanto Region Industrial Cluster Promotion Network—

Kanto Bureau of Economy, Trade and Industry (METI Kanto)

Tohoku MONODZUKURI Corridor

Regional Industry Revitalization Project

-Kawaguchi - Tsukuba (along TX line)

Metropolitan Area(TAMA)

Fostering Bio-Ventures

Developing IT-Ventures

Support Activities for Networks in the Western Tokyo

Support Activities for Networks along the Chuo Expressway

Support Activities for Networks in the Sanennanshin District.

Support Activities for Networks in the Keihin Area

IT fields: About 930 companies and 7 universities

Kansai Bureau of Economy, Trade and Industry (METI Kansai)

Support Activities for Networks in the Northern Tokyo Metropolitan Area

Manufacturing fields: About 2.140 companies and 83 universities

Biotechnology fields: About 420 companies and 2 universities

Support Activities for Networks in the Region of Tokatsu

Hokkaido Area Industrial Cluster Project

About 880 companies and 19 universities

Hokkaido Biotechnology Industry Growth Strategy:

The second Term Industrial Cluster Project

Chubu Bureau of Economy, Trade and Industry (METI Chubu) Project to Create Manufacturing Industry in Tokai Region Manufacturing fields: About 1330 companies and 29 universities Tokai Bio-Factory Project

Biotechnology fields: About 50 companies and 46 universities. Project to Create Manufacturing Industry in Hokuriku Region Manufacturing fields: About 390 companies and 14 universities

Chugoku Bureau of Economy, Trade and Industry (METI Chugoku) Project to Form Next Generation Key Industries

Manufacturing, Biotechnology, IT fields: About 390 companies and 29 universities Project to Form a Recycling-oriented and Environmental-friendly Society Environmental fields: About 270 companies and 20 universities

Kyushu Bureau of Economy, Trade and Industry (METI Kyushu) Kyushu Recycle and Environmental Industry Plaza(K-RIP) Environmental fields: About 300 companies and 20 universities Kyushu Silicon Cluster Project

semiconductor fields: About 130 companies and 10 universities Kyushu Bio Cluster Project Biotechnology fields: About 50 companies and 12 universities

Department of Economy, Trade and Industry, Okinawa General Bureau (METI Okinawa) Okinawa Industry Promotion Project Commercial Information/health/ environmental/processing fields:

About 430 companies and 6 universities

Shikoku Bureau of Economy, Trade and Industry (MFTI Shikoku) Shikoku Techno Bridge Plan Manufacturing/Health and welfare/

About 420 companies and 5 universities

Biotechnology fields: About 400 companies and 56 universities Kansai Front Runner Project Neo Cluster

Kansai Bio Cluster Proiect

Manufacturing, IT, and Energy fields: About 1,130 companies and 30 universities Environment Business KANSAI Project

Environment fields: About 100 companies and 15 universities



Regionally Launched Advanced Techno Fair 2006 at Tokyo Big Site (November 29 to December 1, 2006)

Knowledge Cluster Initiative

(2nd stage)

Budget:5.5billion yen

on universities

► Support the formation of world-level clusters

from the perspective of "selection" and

▶ Promote the autonomous development of

Facilitate the expansion and globalization of

Knowledge Cluster Initiative

(1st stage) Budget:3.4billion yen

knowledge cluster

knowledge cluster

"concentration" based on previous results

Creation of new research

seeds through industry-

academia-government

collaboration centering



The 6th Industry-University Collaboration Promotion Conference at the KYOTO INTERNATIONAL CONFERENCE CENTER (June 16 and 17, 2007)

Outline of regional cluster-related budget for FY 2007

MEXT METI

Council for Science and **Technology Policy**

Collaboration policy cluster (Regional Clusters)

Working group

Regional Consortium Research and Development Project/ Interministerial Collaboration Framework

Steadily applying and commercializing new technology seeds created through the Knowledge Cluster Initiative etc. Budget:1.2billion yen

-Regional Cluster Promotion Council, Joint Achievement Announcement Meetings

-Holding of National Joint Achievement Announcement Meeting.forums etc. -Promotion of inter-cluster collaboration and exchange

Industrial Cluster/Interministerial

Collaboration Project

initiating new joint research including the Industrial Cluster Project as conducted by project-related participating institutions belonging to related ministries, agencies, and universities Budget: 1.1 billion yen City Area Program Budget: 4.5 billion yen

Relevant ministries

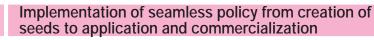
Interministerial liaison counci Regional councils

Industrial Cluster Project (Second Term)

Creation of new businesses based on industry-academiagovernment networks

- ▶ 18 projects nationwide
- ► Promoted by Regional Bureaus of Economy, Trade and Industry and private-sector promotion organizations
- ▶ Increasing regional industrial competitiveness by strengthening industry-academiagovernment collaboration: 6.5 billion yen
- Promoting technical development by taking advantage of regional characteristics:13.3 billion yen
- Improving support facilities for

MEXT Related budget:13.5(14.0)billion yen Related budget:20.8(30.1)billion yen METI



Notes: The related Budgets are for FY 2007. Amounts in parentheses are budgets for FY 2006.