



Promotion of Roadmap for Technology Renovation Strategies, Aimed at Encouraging Innovation

I Innovation 25

Since October 2006, the government has held discussions at the Innovation 25 Strategy Council in order to formulate long-term strategic guidelines aimed at contributing to economic growth. In its February 2007 interim report, the council recommended that the following vision for the year 2025 be pursued: 1) A society in which people enjoy long and healthy lives; 2) A safe and secure society; 3) A society with diverse work styles; 4) A society that contributes significantly to solving global issues; and 5) A society that is open to the world. Aiming to realize this kind of society, the CSTP and others discussed concrete strategies for these goals. The final summing-up was conducted by the Strategy Council in May 2007, and on June 1st the Cabinet

approved the Long-term Strategic Guidelines “Innovation 25”.

“Innovation 25” promotes the roadmap for technology renovation strategies suggested by the CSTP, in order to create and encourage the creation of innovation. It also shows that there is a need to improve the social environment in areas such as laws, regulations and human resources, and recommends 174 concrete reform measures such as the reform of universities.

The government will establish a comprehensive support system that goes beyond the boundaries of the relevant ministries, set up a Headquarters for Innovation Promotion within the Cabinet to establish a PDCA cycle, and strategically promote “Innovation 25”.

I The Roadmap for Technology Renovation Strategies

In order to make a reality of the five social goals outlined in the interim report of “Innovation 25”, the CSTP discussed technology issues in which policy measures are required. In May 2007 it issued its recommendations for the promotion of the Roadmap for Technology Renovation Strategies, aimed at making more breakthroughs. The roadmap consists of the following three-tier structure:

- 1) The Pioneering Project for Accelerating Social Returns, which takes a panoramic view of the whole picture from basic research to the application of S&T in society, and shows the fruits of technology through demonstration;
- 2) The promotion of strategic R&D in individual fields, which will be conducted selectively and in a concentrated manner in order to respond to policy issues, and
- 3) Highly original and challenging basic research, which will sow the seeds of innovation.

The CSTP will continue to remove duplicated and/or unnecessary work, be thorough in its prioritization by selection and concentration, and steadily promote these policies in line with the 3rd S&T Basic Plan.

The Pioneering Projects for Accelerating Social Return

The government will lead efforts to merge various technologies as follows with the goal of bringing them up to the demonstration research stage in the near future, in attempt to make the image of the society described in Innovation 25. The CSTP will serve as a command center promoting the combined efforts of government agencies and the collaboration of the public and private sector, and accelerate the research so that it can be tested and its results passed on to society within five years.

Examples of the Pioneering Projects for Accelerating Social Return

- 1. Aiming for “a society where all can stay healthy throughout life”**
Realization of medical care that replaces and restores a lost function
- 2. Aiming for “a safe and secure society”**
Construction of the information and communication system which gives detailed disaster information to each resident, and helps disaster countermeasures
Realization of a safe and effective road and traffic system using information and telecommunications technology
- 3. Aiming for “a society with diversified lifestyles”**
Realization of advanced home medical and nursing care
- 4. Aiming for “a society contributing to solution of the global issues”**
Biomass utilization for the solution of Energy and Environmental issue
- 5. Aiming for “a society open to the world”**
Realization of audio communication technologies that overcome language barriers