

Press Conference President of JST

June 12, 2013

Japan Science and Technology Agency

Investigation and Analysis towards Innovation Creation and Proposal for R&D Strategies

- © Conducting **investigation and analysis** of national and international S&T policies, R&D trends, social and economic needs, etc.
- © Identifying R&D subjects Japan should undertake and making **high-quality proposals** towards improvement in S&T systems

(Excerpt from the mid-term plan 2012-2016)

Public Think Tank

Business Overview of the Center for Research and Development Strategy (CRDS) -2

Additional explanation

- Making proposals for R&D areas and subjects on which Japan should focus its investments
- When necessary, addressing political or institutional issues as well
- Establishing **evidence-based** strategies with **neutrality, equity and impartiality**
- Actively providing external parties with information such as investigation and analysis reports

FY 2012 Outcomes and Activities at CRDS

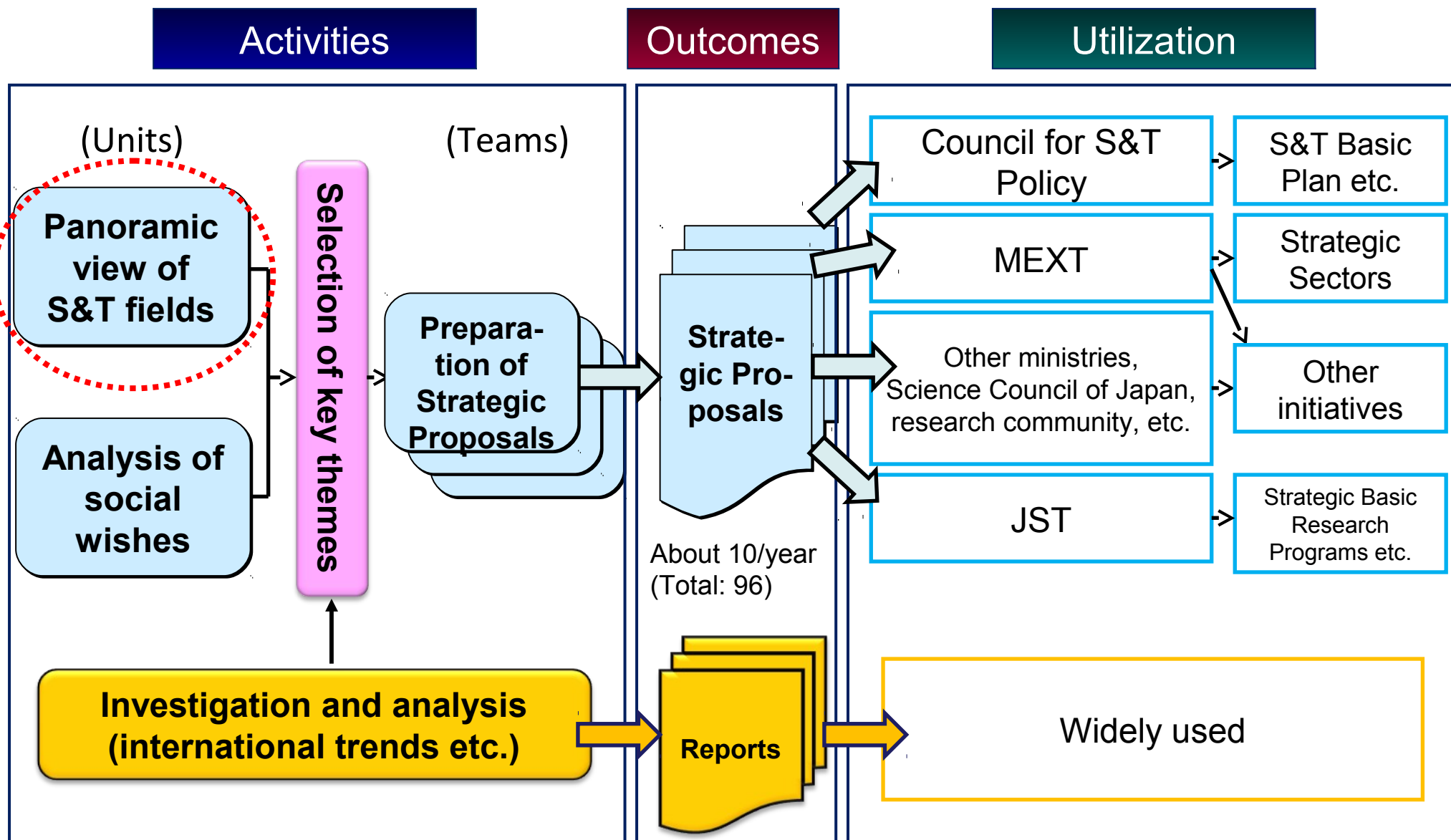
Major Outcomes in FY 2012

- Publication of nine “Strategic Proposals” and submission of those to the Ministry of Education, Culture, Sports, Science and Technology (MEXT) etc.
- Publication of a total of seven volumes of the “Panoramic View Report of Research and Development” (five research fields, “R&D Strategies in Key Countries”, and a data book) to provide information for the parties concerned
- Publication of various reports and books analyzing overseas S&T trends etc.

Major Activities in FY 2012

- Development and trial of a new methodology of “problem-solving” type R&D strategies and its presentation both in Japan and abroad (in a symposium at AAAS etc.)
- Construction of networks and communication with relevant institutions both within Japan and globally
 - ✓ Reinforcement of collaboration with national and international associations, COCN, etc.
 - ✓ Participating in as a member and providing information to the Council for Science and Technology Policy, the Innovation Strategy Council, etc.
 - ✓ Holding of a Japan-US-Korea international workshop on nanotechnology, a joint workshop on energy with NAS, US, etc.

Proposal Process of CRDS R&D Strategies



Outline of the “Panoramic View Report of Research and Development” -1

CRDS has published the “Panoramic View Report of Research and Development” based on its wide-ranging activities, international comparative investigation, etc. (since 2012)

Respective S&T fields (5 vols.)

- ①Environment and Energy
- ②Life Sciences and Clinical Research
- ③Electronics, Information and Communication
- ④Nanotechnology / Materials
- ⑤Systems Science and Technology

Supplement (2 vols.)

- ⑥R&D Strategies in Key Countries
- ⑦Each subject field through data

Outline of the “Panoramic View Report of Research and Development” -2

Contents of respective fields “Panoramic View Report”

< Table of contents >

Perspective of the subject field

- ① Scope and structure of the field
- ② History, current status and prospect
- Others

R&D Areas (plural)

(for each area)

- Brief explanation of the area
- National and international trends
- S&T and political issues
- Featured trends
- International comparison

(Japan, US, EU, China, Korea)



Environment and Energy	25
Life Sciences & Clinical Medicine	37
Electronics, Information and Communication	41
Nanotechnology / Materials	29
Systems Science & Technology	35
Total	167

Number of external collaborators: 322