

JST: Mission, Strategy and Cooperation with European Countries

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Summary

1. JST's position in STI policies of Japan
2. Our Mission and vision
3. International Cooperation with European Countries
4. Towards Further Systematic Operation

Japan's STI administration

Prime Minister

Minister of State for S&T Policy

Cabinet Office

Council for S&T Innovation (CSTI)

Ministry of Education, Culture, Sports, S&T (MEXT)

Ministry of Internal Affairs and Communications (MIC)

Ministry of Health, Labor and Welfare (MHLW)

Ministry of Agriculture, Forestry and Fisheries (MAFF)

Ministry of Economy, Trade, Industry and Tourism (METI)

Ministry of Land, Infrastructure and Transport (MLIT)

Ministry of the Environment (MOE)

Universities

National R&D Agencies

- Japan Agency for Marine Earth Science and Technology (JAMSTEC)
- Japan Aerospace Exploration Agency (JAXA)
- **Japan Science and Technology Agency (JST)**
- National Research for Earth Science and Disaster Prevention (NIED)
- National Institute for Material Sciences (NIMS)
- The National Institutes for Quantum and Radiological Science and Technology (QST)
- RIKEN

Independent Administrative Institutes

- Japan Society for the Promotion of Science (JSPS)

Japan Agency for Medical Research and Development (AMED)

Science & Technology Basic Plans of Japan

S&T Basic Plan

- 5-year planning drafted by the Council of Science, Technology and Innovation (CSTI)
- Target budget

Comprehensive STI Strategy

- Annual Strategy by CSTI
- Topics for 2017: Society 5.0, University reform, Industry-Academia cooperation, etc.

Implementation

- Budget requests by ministries
- Activities at agencies largely based on JP FY (Apr-Mar)

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JST in a nutshell

Towards the creation of social and industrial values, we are...

- **leading innovation processes**
- **connecting and actively catalyzing** (industry-academia, ministries, academic fields, international cooperation)
- **taking risks** (R&D difficult to be implemented by industry or universities, equity investment)
- **promoting diversity**



Creation of
Social Values

JST's mission & 3 pillars of activities

Mission

Core institution for the promotion of the Japan's S&T Basic Plan
Implementing a variety of STI related activities to maximize R&D outcome

1. Formulating visionary R&D strategies for co-creation of the future with society

2. Creating knowledge and transforming it into economic and social value



3. Promoting dialogue with society and cultivating human resources



Summary

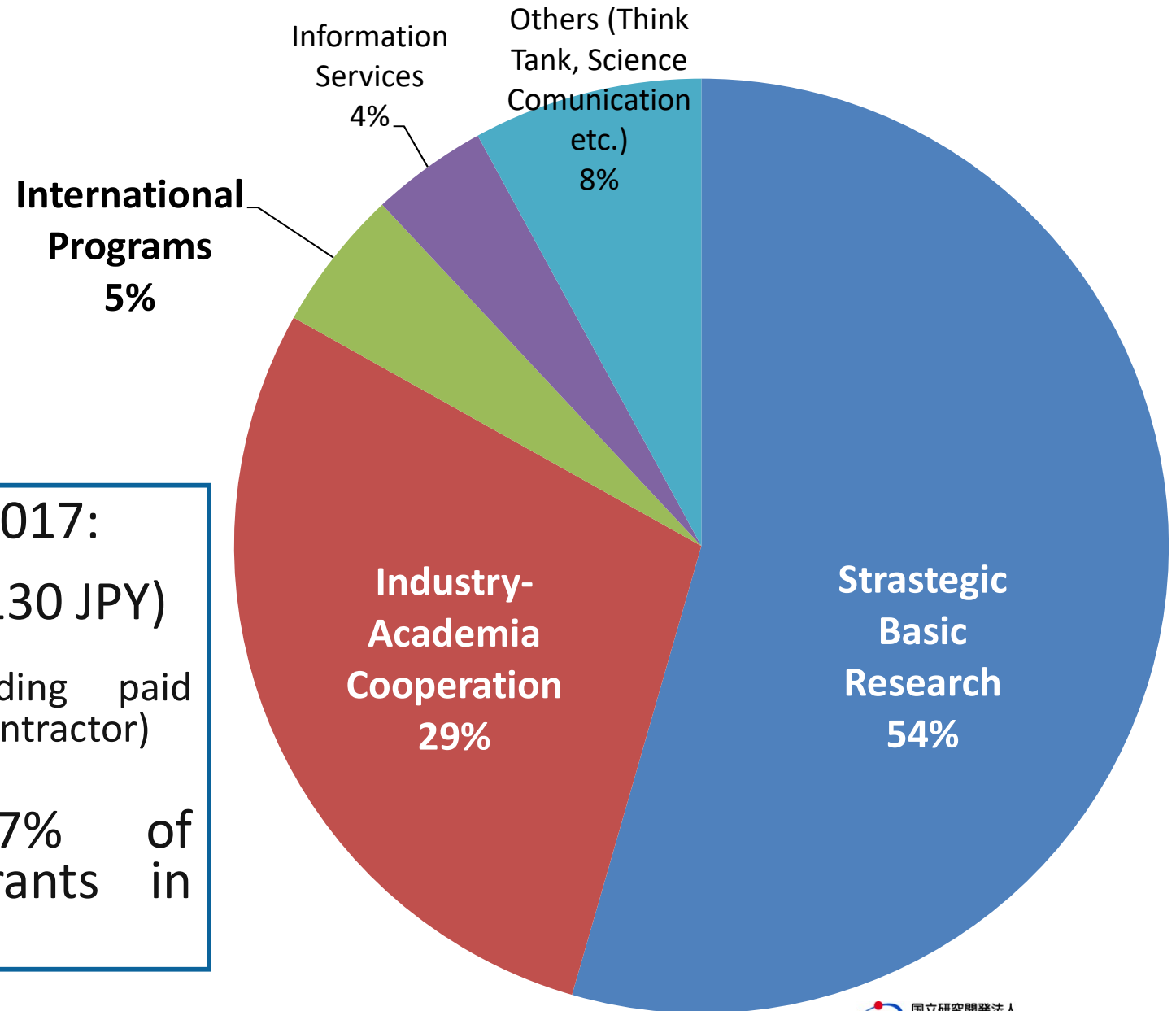
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JST's major programs

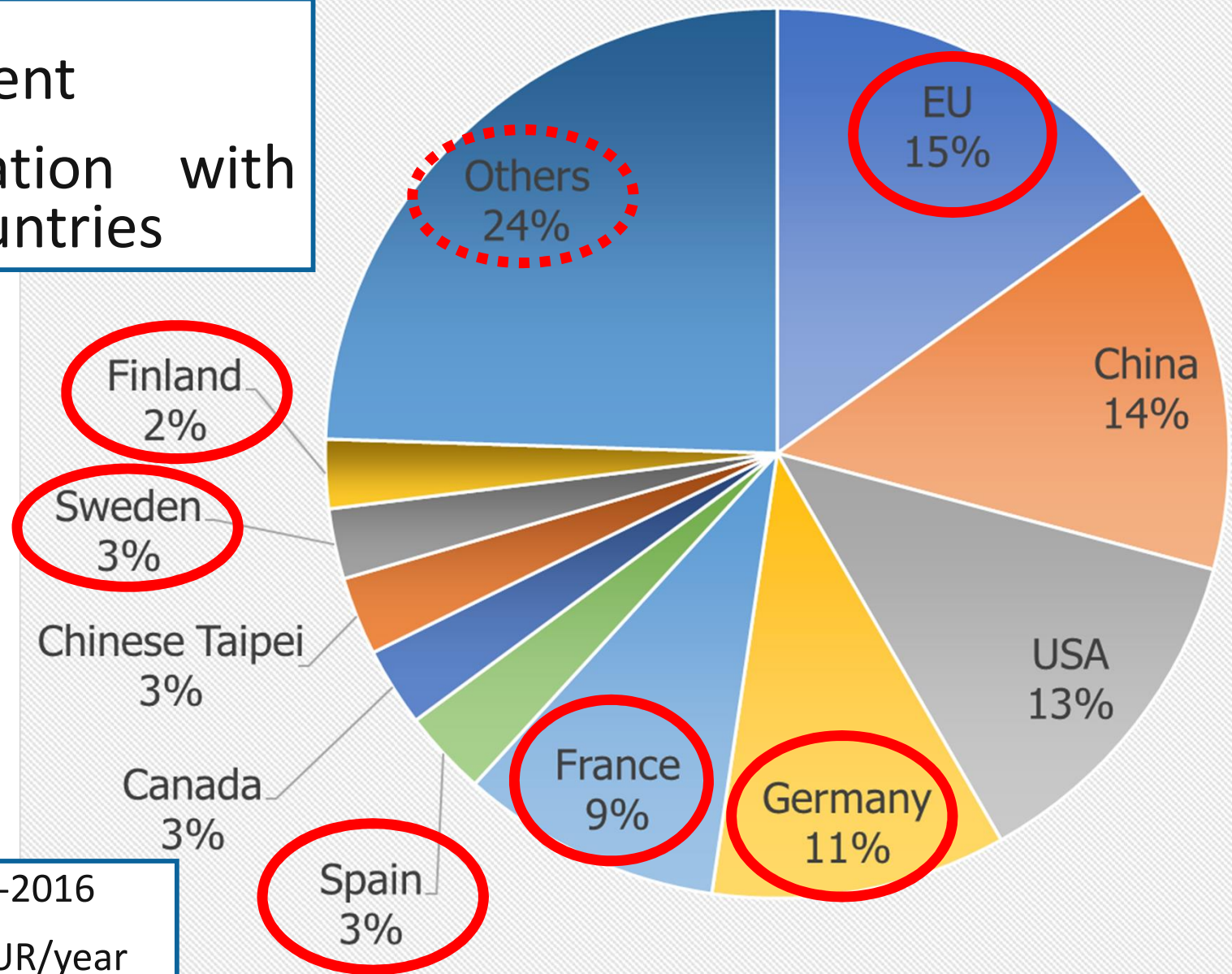


Total spending in FY2017:
780 MEUR (1 EUR = 130 JPY)
(actual spending excluding paid services and works as subcontractor)

Managed competitive STI grants in Japan ca. 17% of

Spending According to Each Country/Region

≈ 50% has spent
in Collaboration with
European countries



in the period FY2011-2016
Av. spending: 11 MEUR/year

International Cooperation with European Countries

- New calls launched in FY2018

Country (Region) / Funding Body(ies)	Program/Theme	No. of Project
France/ Agence Nationale de la Recherche (ANR)	JST-ANR joint call based on CREST program/ - Symbiotic Interaction - Quantum Technology	1 2
7 countries in EU, Turkey/ CNRS, AEI-MINECO, BMBF, TÜBITAK, MITA, CAS, MEYS, BNSF, NCBR)	CONCERT-Japan 5th Joint Call/ Functional Porous Materials	5
EC/ DG-HOME	SICORP-HORIZON2020/ Technologies for First Responders (SU-DRS02- 2018-2019-2020) ▪ Sub-topic1: Victim-detection technologies ▪ Sub-topic : Open	TBA

- On-going cooperation with Finland, France, Sweden, UK, Germany, Switzerland

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JST's International Strategy (Aug. 2017)

100% global

1. Reform of Research Funding
2. Implement Strategic Cooperation
3. Reinforce the Information Collection and Analysis Function and Its Organic Coordination and Utilization
4. Human Resource Development
5. Organizational Reform

All the JST's programs to be designed, operated and evaluated from global points of view by 2021

JST and the European Commission Signed an Implementing Arrangement (IA)

JST and the European Commission's DG Research and Innovation signed an IA for research exchange between JST and the European Research Council (ERC) on 7th October 2018 at Kyoto. A new framework between JST and the ERC to support further opportunities for research exchange between Japan and EU is considered.



For further Information:

JST webpage:

<http://www.jst.go.jp/inter/english/erc.html>

ERC webpage:

https://erc.europa.eu/news/agreement_JST_Japan

Thank you for your attention!

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<http://www.jst.go.jp/inter/paris/index.html>

Paris Office

Japan Science and Technology Agency (JST)