

The National Program for Innovation


-Cross-ministerial Strategic Innovation promotion Program(SIP)-

Council for Science, Technology and Innovation,
Cabinet Office
The Government of Japan

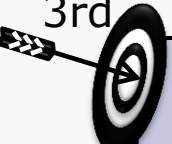


Japan Revitalization Strategy – Japan is back –

Three Arrows of the Economic Policies

1st
 Bold Monetary Policy

2nd
 Flexible Fiscal Policy

3rd
 Japan Revitalization Strategy
New Growth Strategy

↑ Cabinet decision on June 14, 2013

↓ **Closely linked with ...**

Three Action Plans

I . Plan for the Revitalization of Japanese Industry

II . Strategic Market Creation Plan

III . Strategy of Global Outreach

Comprehensive STI Strategy (June 2013)

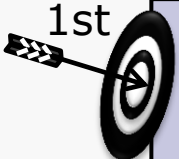

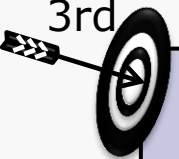
- ✓ Achievement of Council for Science, Technology and Innovation (CSTI)
- ✓ Cabinet decision on June 7th, 2013

HQ for Science and Technology to foster innovation

- CSTI: Council for Science, Technology and Innovation -

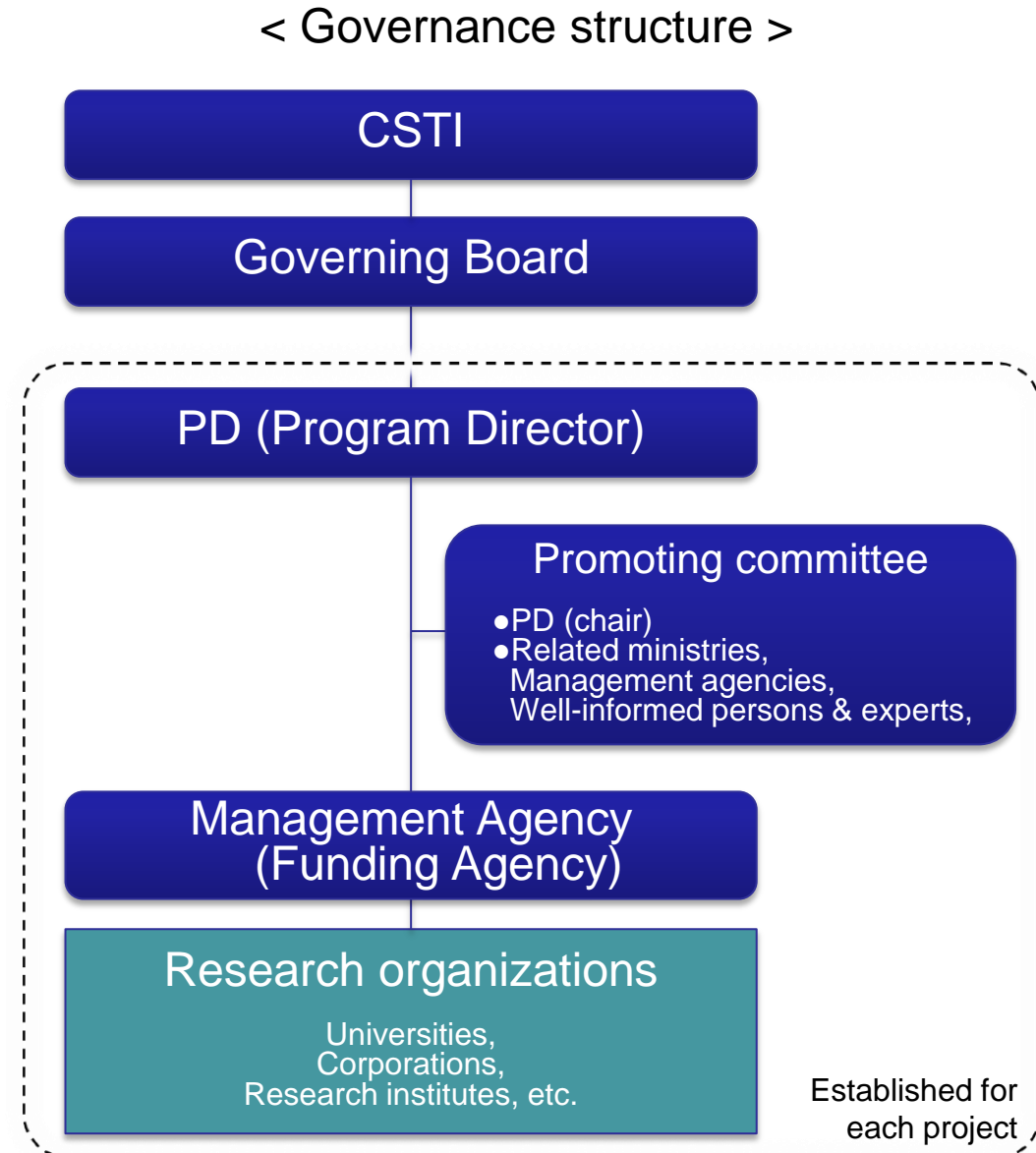
- *Promoting effective measures across ministries to create innovation beyond the borders of disciplines, ministries and sectors*

Three Arrows of Reinforcement of the HQ

- 1st  Improvement of the process for policy-making
“S&T Budgeting Strategy Committee” and “Action Plans for S&T Priority Measures”
- *Prioritized area: “Energy”, “Next-generation infrastructures”, “Local resources”, “Health & Medical”*
 - *Budget for FY2014: ¥335bil*
- 2nd  SIP (Cross-Ministerial **S**trategic **I**nnovation Promotion Program)
- *Budget for FY2014: ¥50bil (≒\$500mil)*
- 3rd  ImPACT (**I**mpulsing **P**aradigm **C**hange through disruptive **T**echnologies)
- *Budget for FY2014-2018: ¥55bil*

SIP (Cross-Ministerial Strategic Innovation Promotion Program)

- Aiming to realize Science, Technology and Innovation through promoting R&D overlooking from basic research to application and commercialization by **cross-ministerial cooperation**.
- CSTI defined the themes to solve **societal issues** and achieve **economic growth**
- CSTI appoints **Program Directors** (PDs) for each project and allocates the budget.



SIP (Cross-Ministerial Strategic Innovation Promotion Program)

Prioritized Societal Issues	Themes
Energy	Innovative combustion technology
	Next-generation power electronics
	Structural Materials for Innovation (SM'I)
	Energy carrier
	Next-generation technology for ocean resources exploration
Next-Generation Infrastructures	Automated Driving System
	Infrastructure maintenance, renovation and management
	Enhancement of societal resiliency against natural disasters
Local Resources	Technologies for creating next-generation agriculture, forestry and fisheries
	Innovative Design / Manufacturing Technologies

SIP (Cross-Ministerial Strategic Innovation Promotion Program)

- Program Directors for SIP -

Innovative combustion
technology



Masanori SUGIYAMA
Toyota Motor Corp.

Structural Materials for
Innovation (SM⁴I)



Teruo KISHI
Univ. of Tokyo, NIMS

Next-generation Technology
for Ocean Resources
Exploration



Tetsuro URABE
Univ. of Tokyo, JMEC

Infrastructure maintenance,
renovation and management



Yozo FUJINO
Yokohama National Univ.

Technologies for creating
next-generation agriculture,
forestry and fisheries



Takeshi NISHIO
Hosei Univ.

Next-generation power
electronics



Tatsuo OOMORI
Mitsubishi Electric Corp.

Energy carrier



Shigeru MURAKI
Tokyo Gas Co.,Ltd.

Automated
Driving System



**Hiroyuki
WATANABE**
Toyota Motor Corp.

Enhancement of societal
resiliency against natural
disasters



Masayoshi NAKASHIMA
Kyoto Univ.

Innovative Design/
Manufacturing Technologies



Naoya SASAKI
Hitachi, Ltd.

Why we select “Automated Driving System” ?

Societal issues

➤ Realization of safe and secure Society

cf) National goal of number of Road fatalities : under 2500(in 2018)

Economic growth

➤ Economical impact to Industries.

cf) Automotive industries : over ¥47tril (in 2010)
≒ \$470bil.

Cross-ministerial cooperation

➤ Cooperation among various parties

cf) Four government ministries and agency
OEMs, suppliers, IT Companies,...

Thank you for your attention

Cabinet Office, Government Of Japan.

URL:<<http://www.cao.go.jp/index-e.html>>

