Evaluation of Operating Results for Japan Sience and Technology Agency in the 3rd Mid to Long-Term Objective Period

August 2017
Minister of Education, Culture, Sports, Science and Technology

Contents

Evaluation of the operating results during the period / Overview of the Evaluation

Evaluation of the operating results during the period / Overall Rating

Evaluation of the operating results during the period / Ratings Summary Table by Each Item

Evaluation of the operating results during the period / Rating record

I Measures to be taken for achieving the objectives concerning the improvement of the service to the nation and the quality of the operations

- 1. Strengthening research and development strategic planning function for producing science and technology innovation
 - ①Proposal for research, analysis, and research and development strategy for producing science and technology innovation
 - (Center for Research and Development Strategy Program)
 - (China Research and Communication Center Program)
 - ②Research, and analysis and proposal for realizing carbon society, and proposal for society scenario and strategy for achieving a low-carbon society
- 2. Producing science and technology innovation
- (1) Promotion of producing science and technology innovation
 - ①Promotion of strategic research and development
 - ②Expanding R&D achievements by industry-academia collaboration
 - ③Support for reconstruction and reformation from the Great East Japan Earthquake
 - 4) Promotion of international science and technology cooperation research
 - ⑤Building of an innovation hub centered on research and development agencies
 - **6** Utilization support for intellectual property
 - 7 Promotion of innovative technology research development
- (2) Formation of science and technology foundation for producing science and technology innovation
 - ①Construction of knowledge infrastructure
 - 2 Construction of personnel infrastructure supporting science and technology innovation
 - a. Training of human resources leading the next-generation of science and technology
 - b. Training of human resources related to science and technology innovation
 - c. Construction of international personnel exchanges foundation
 - d. Fostering program managers
 - e. Promotion of fair research activities
 - 3 Construction of communication infrastructure

(Center for Science Communication)

(National Museum of Emerging Science and Innovation (Miraikan))

- 3. Other required program for government affairs business operations
- ①Promotion of projects accepted by related administrative agencies (other than SIP)
- ②Promotion of projects accepted by related administrative agencies (SIP)

II Measures to be taken for achieving the objectives concerning the efficiency of the administration of the operations

- 1. Formation and operation of organization
- 2. Streamlining and efficiency of operations
- 3. Improvement of financial conditions

III Budget / income and expenditure plan, and funding plan

IV. Limit amount of short-term borrowing

IV.2 If the agency has any unnecessary property or any property that is expected to be unnecessary property, a plan for disposal of such property

V. If the agency intends to transfer or provide as collateral any important property other than the property provided for in the preceding item, a plan therefor;

VI. Purpose of using accumulated profit

VII. Other matters concerning the administration of the operations specified by ordinance of the competent ministry

Japan Science and Technology Agency Evaluation on mid to long-term objective period (evaluation of the operating results during the period) / Overview of the Evaluation

1. Items related to the	1. Items related to the evaluation										
Agency	Japan Science and Technology Age	Science and Technology Agency									
FY for evaluation	Evaluation of operating results	the 3 rd mid to long-term objective period									
	during the period of the mid to										
	long-term objectives										
	Mid to long-term objective period	FY2012-2016									

2	. Items related to the assessor			
Т	The Competent Minister	Minister of Education, Culture, Sports, Science and Technology		
	Incorporated jurisdiction	Science and Technology Policy Bureau	Dept. and person in charge	Knowledge Infrastructure Policy Division, Masaharu Shiozaki
	dept			
	Evaluation and	Science and Technology Policy Bureau	Dept. and person in charge	Planning and Evaluation Division, Kenji Matsuoka
	inspection dept			

3. Items regarding implementation of the evaluation

June 12, 2017: Japan Science and Technology Agency Sub-Committee (hereinafter referred to as "JST Sub-Committee") members conducted a survey of the Faculty of Science and Engineering, Waseda University (CREST). June 13, 2017: JST Sub-Committee members conducted a survey of the Tokyo University of Science (A-STEP).

June 26, 2017: JST Sub-Committee (9th) was held, where a hearing was conducted about results of the self-evaluation by JST board members (President, Executive Directors and Auditors), and the staff.

June 30, 2017: A JST Sub-Committee (10th) was held, where, in light of the results of the self-evaluation as explained by JST at the 9th Sub-Committee, necessary counsel was obtained from Sub-Committee members on the evaluation draft by the Competent Minister.

July 11, 2017: A JST Sub-Committee (11th) was held, where, in light of the results of the self-evaluation as explained by JST at the 9th Sub-Committee, necessary advice was obtained from Sub-Committee members on the evaluation draft by Competent Minister.

August 3, 2017: Received guidance based on the scientific knowledge from members in implementing the Competent Minister's evaluation in relation to the National Research and Development Agency Council under the Ministry of Education, Culture, Sports, Science and Technology (10th).

4. Important items and others relating to the evaluation

No special matters to note

Japan Science and Technology Agency Evaluation on mid to long-term objective period (evaluation of the operating results during the period) / Overall Rating

1. Overall evaluation		
Rating*	A	(Reference: Estimated evaluation)
(S, A, B, C, D)		A
Reasons for rating	As shown in the overall evaluation of the agency as a whole, more progress of performance than expected in the mid to long-term pla	nn and the FY plan is recognized.

2. Evaluation of the whole agency

On the medium-term plan, JST, as a core executing agency of the Basic Science and Technology Plan, implements projects on "promotion of producing science and technology innovation" as two pillars. As a means of the "promotion of producing science and technology innovation," JST establishes a network type research institute and, by defining (i) implementation of basic research and (ii) unified implementation of strategic university-industry collaborative projects connecting the outcome of basic research (hereinafter referred to as "new technology") with the needs of the industry, building of a framework to develop cross-divisional strategies and strengthening strategic expansion of international research and development activities as the "formation of science and technology infrastructure for producing science and technology innovation," JST is making efforts for fulfilling/enhancing a framework to collect/provide science and technology information, including research results, fostering next generation human resources, and promoting interactive dialogue/developing the method, and conducting science and technology communication activities that provide a place for interactive exchanges. Furthermore, in response to the Great East Japan Earthquake, the agency also implements appropriate measures, utilizing the know-how and research and development results that the agency has cultivated in its previous projects to the fullest extent, including the realization of reconstruction initiatives as determined at the East Japan Great Earthquake Disaster Reconstruction Conference, and matching the needs of disaster areas and the technical seeds of universities according to the progress of reconstruction and revitalization. The management of lodging houses for foreigners is found to have partly underperformed the targeted value. However, most projects are equal to or higher than the set objectives. In particular, since the projects listed below are recognized as progressing more than stipulated in the initial plan, they are ra

- OIn the research and development fields, there were many remarkable achievements having a social impact, such as the "Nobel Prize in Physiology or Medicine received by Mr. Shinya Yamanaka" and the results having led to the winning of the 2014 Nobel Prize in Physics (blue LED).
- OIn industry-academia collaborative projects, the agency has been in charge of providing support according to the stages of research from basic research to practical application, and the research results so generated are making progress continuously toward practical application in cooperation with the systems in and outside JST and other institutions.
- OToward rebuilding from the Great East Japan Earthquake, the agency is <u>creating research and development results greatly contributing to the reconstruction of affected areas and a change in the industry-academic structure through detailed support for local companies in the said area, by taking advantage of its strengths.</u>
- Regarding the training of next generation human resources, while the total number of participants to the domestic science and technology contests as supported by the agency significantly exceeding the target, the agency made efforts to implement business reforms and review its activities effectively, with focus on programs that promoted development of talent among the junior and high school students, and initiated further efforts making developmental improvements, including starting new programs, such as Global Science Campus and Junior Doctor Training School based on the results of the above efforts.
- On The agency was highly evaluated externally, as clearly shown by selection of JST among the "TOP 25 global innovators: National research institutions" for two consecutive years (ranking third in the world and first in Japan in 2015; and fourth in the world and first in Japan in 2016), and by its selection among the "TOP 100 global innovators 2015," the first Japanese public institution to gain such a respectable position internationally.

3. Issues to be solved and /or improved for each subject

OIn order to further enhance and strengthen its research business to maximize the research and development results in the future, JST needs not only to support other institutions (universities, etc.) but also to undertake independent research and development activities, by taking advantage of its own functions as a think tank and the science/technology information base it owns.

OFor projects rated C, it is necessary to continue making efforts for improvement. (See page 225)

4. Other items Main opinions of the council on research and development Auditor's special comments No special matters to note

- *1 S: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, especially the creation of considerable achievements, anticipated creation of special achievements in the future and so on toward "maximization of R&D achievements" under the conditions of appropriate, effective and efficient operations are recognized.
 - A: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, the creation of considerable achievements in the future and so on toward "maximization of R&D achievements" under the conditions of appropriate, effective and efficient operations are recognized.
 - B: Based on the National Research and Development Agency's aims, business, mid to long-term objectives and so on, as a result of comprehensive consideration based on some circumstances regarding the agency's business achievement, efforts and so on through its activities, a certain degree of expectation for the creation of achievement in the future toward "maximization of R&D achievements" were recognized, and steady business operations have been also recognized.

- C: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, the creation of achievements, further drastic efforts and improvements toward "maximization of R&D achievements" or "the appropriate, effective and efficient operations" are anticipated.
- D: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, special efforts and improvements including a fundamental drastic review, toward "maximization of R&D achievements" or "the appropriate, effective and efficient operations" are required.

Mid to long-term objectives (Mid to long-term plan)	FY Ra	itings				Mid to long-term objective period evaluation		No. of docume	Remarks
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	Estim ated evalua tion	Term perfor mance evalua tion	nt each item	
I. Maximization of R&D acl	hieveme	ents and	quality	improve	ement of	the other	operatio	ns	
1. Strengthening research and development strategic planning function for producing science and technology innovation									
①Proposal for research, analysis, and research and development strategy for producing science and technology innovation (Center for Research and Development Strategy Program)			A	A	A	A	A	1.①	
①Proposal for research, analysis, and research and development strategy for producing science and technology innovation (China Research and Communication Center Program)	A	A	В	A	В	В	В	1.①	
②Research, and analysis and proposal for realizing carbon society, and proposal for society scenario and strategy for achieving a low-carbon society	A	A	В	В	В	В	В	1.②	
Producing science and technology innovation (1) Promotion of									

Mid to long-term objectives (Mid to long-term plan)	FY Ra	tings				Mid to long-term objective period evaluation		No. of document each item	Remarks		
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	Estima ted evaluat ion	Term perfor mance evalua tion				
II. Items concerning the efficien	ncy of the	ne admir	nstratioi 	n of the	operatio	ns					
1. Formation and operation of organization	A	A	В	В	В	В	В	II1			
2. Streamlining and efficiency of operations	A	A	В	В	В	В	В	II2			
3. Improvement of financial conditions	A	A	В	В	В	В	В	II3			
III. Budget / income and expend	diture p	lan, and	funding	plan							
	A	A	В	В	В	В	В	III			

producing science and technology innovation (DPromotion of strategic research and development (Expanding research and development results by AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	technology innovation ①Promotion of strategic research and development ②Expanding research and development results by AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
⊕Promotion of strategic research and development ②Expanding research and development results by industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ④Utilization support for intellectual property ⑤Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology foundation for producing science and technology innovation ①Construction of science and technology innovation ①Construction of personnel infrastructure ②Construction of personnel infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure	①Promotion of strategic research and development ②Expanding research and development results by industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ⑤Building of an innovation hub centered on research and development agencies S S A A A A A A A A A A A A A A A A A A	
strategic research and development ②Expanding research and development results by AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	strategic research and development ②Expanding research and development ②Expanding research and development results by industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies	
development ②Expanding research and development results by industry-academia collaboration ③Support for reconstruction and reformation from the A A S A S S S 2.(1)③ Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ⑥Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B C.(1)⑦ S A B B B B B B C.(2)② infrastructure ②Construction of personnel infrastructure □Construction of personnel infrastructure a. Training of human resources leading the next-generation of	development ②Expanding research and development results by industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies development A A A A A A A A A A A A A A A A A A A	
©Expanding research and development results by industry-academia collaboration ©Support for reconstruction and reformation from the Great East Japan Earthquake ©Promotion of international science and technology cooperation research and development agencies ©Utilization support for intellectual property ©Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology foundation for producing science and technology foundation of personnel infrastructure ©Construction of personnel infrastructure ©Construction of personnel infrastructure a R B B B B B B C.(2)©	②Expanding research and development results by A A A A A A A A A A A A A A A A A A	
©Expanding research and development results by industry-academia collaboration ©Support for reconstruction and reformation from the Great East Japan Earthquake ©Promotion of international science and technology cooperation research and development agencies ©Utilization support for intellectual property ©Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology foundation for producing science and technology foundation of personnel infrastructure ©Construction of personnel infrastructure ©Construction of personnel infrastructure a R B B B B B B C.(2)©	②Expanding research and development results by A A A A A A A A A A A A A A A A A A	
and development results by industry-academia collaboration Support for reconstruction and reformation from the Great East Japan Earthquake SPromotion of international science and technology cooperation research Sulliding of an innovation hub centered on research and development agencies Utilization support for intellectual property Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovative Construction of knowledge infrastructure S A A A A A A A A A A A A A A A A A A	and development results by A A A A A A A A A A A A A A A A A A	
results by industry-academia collaboration Support for reconstruction and reformation from the Great East Japan Earthquake Promotion of international science and technology cooperation research Suilding of an innovation hub centered on research and development agencies Cutilization support for intellectual property Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation Construction of personnel infrastructure Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of	results by industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies	
industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ⑤Utilization support for intellectual property ⑦Promotion of innovative technology research development (②) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B B C.(2)① ②Constructure ②Constructure ②Constructure ②Constructure ③Constructure ④Constructure ④Const	industry-academia collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies	
collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ⑥Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B C.(1)⑦ ©Construction of personnel infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure a. Training of human resources leading the next-generation of a. Training of human resources leading the next-generation of	collaboration ③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies	
③ Support for reconstruction and reformation from the Great East Japan Earthquake A A S A S S S 2.(1)③ ④ Promotion of international science and technology cooperation research S S A A A A A A A A A A A A A A A A A A	③Support for reconstruction and reformation from the Great East Japan Earthquake ④Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies	
reconstruction and reformation from the Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ②Utilization support for intellectual property ②Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure ②Construction of personnel infrastructure a R B B B B B C.(1)③ B B B B B B B B B B B B B B B B B B B	reconstruction and reformation from the Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies R A A A A A A A A A A A A A A A A A A	
reconstruction and reformation from the Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ②Utilization support for intellectual property ②Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure ②Construction of personnel infrastructure a R B B B B B C.(1)③ B B B B B B B B B B B B B B B B B B B	reconstruction and reformation from the Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies R A A A A A A A A A A A A A A A A A A	
Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ⑥Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge sinfrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure a. Training of human resources leading the next-generation of A B B B B A A A 2.(1)④	Great East Japan Earthquake ④ Promotion of international science and technology cooperation research ⑤ Building of an innovation hub centered on research and development agencies	
Great East Japan Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ⑥Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge sinfrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure a. Training of human resources leading the next-generation of A B B B B A A A 2.(1)④	Great East Japan Earthquake ④ Promotion of international science and technology cooperation research ⑤ Building of an innovation hub centered on research and development agencies	
Earthquake ①Promotion of international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ③Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B C.(2)① ②Construction of personnel infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure a. Training of human resources leading the next-generation of A B B B B A A A 2.(2)②	Earthquake ③Promotion of international science and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies S S A A A A A A A A A A A A A A A A A	
(a) Promotion of international science and technology cooperation research (b) Building of an innovation hub centered on research and development agencies (a) Utilization support for intellectual property (a) Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation (D) Construction of knowledge sinfrastructure (2) Construction of personnel infrastructure (2) Construction of personnel infrastructure supporting science search development infrastructure supporting science etechnology innovation (2) Construction of personnel infrastructure supporting science technology innovation (3) A B B B B B B B B B B B B B B B B B B	Promotion of international science and technology cooperation research S	
international science and technology cooperation research ③Building of an innovation hub centered on research and development agencies ④Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology innovation ①Construction of knowledge S A B B B B B B C.(1)⑦ ②Construction of personnel infrastructure ②Construction of personnel infrastructure a. Training of human resources leading the next-generation of	international science and technology cooperation research ⑤ Building of an innovation hub centered on research and development agencies S S A A A A A A A A A A A A A A A A A	
and technology cooperation research ③Building of an innovation hub centered on research and development agencies ⑤Utilization support for intellectual property ⑦Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B B C.(2)① ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	and technology cooperation research S Building of an innovation hub centered on research and development agencies S S A A A A A A A A A A A A A A A A A	
and technology cooperation research ⑤Building of an innovation hub centered on research and development agencies ⑥Utilization support for intellectual property ⑦Promotion of innovative technology research development ②Promotion of innovative technology research development ②Promotion of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	and technology cooperation research ⑤ Building of an innovation hub centered on research and development agencies B B B B 2.(1)⑤	
© Building of an innovation hub centered on research and development agencies © Utilization support for intellectual property ⊕ Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ⊕ Construction of knowledge infrastructure ② Construction of personnel infrastructure ② Construction of science technology innovation ■ Training of human resources leading the next-generation of	⑤Building of an innovation hub centered on research and development agencies B B B B 2.(1)⑤	
innovation hub centered on research and development agencies ©Utilization support for intellectual property ①Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	innovation hub centered on research and development agencies B B B C.(1)⑤	
innovation hub centered on research and development agencies ©Utilization support for intellectual property ①Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	innovation hub centered on research and development agencies B B B C.(1)⑤	
centered on research and development agencies ©Utilization support for intellectual property ©Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ©Construction of knowledge S A B B B B B B B B B B B B B B B B B B	centered on research and development agencies B B B C.(1)⑤	
and development agencies (a) Utilization support for intellectual property (a) Promotion of innovative technology research development (b) Formation of science and technology foundation for producing science and technology innovation (c) Construction of knowledge showledge showledg	and development agencies	
agencies © Utilization support for intellectual property © Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation © Construction of knowledge S A B B B B B B C.(2)① infrastructure © Construction of personnel infrastructure a. Training of human resources leading the next-generation of A B B B B B B C.(1)⑥ personnel producing science pro	agencies	
© Utilization support for intellectual property The property A B B B B B B B B B B B B B B B B B B		
for intellectual property The property The property The promotion of innovative technology research development The property A B B B B B B B B B B B B B B B B B B		
property ①Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge infrastructure ②Construction of personnel infrastructure ③Construction of personnel infrastructure 3 B B B B B B B B B B B B B B B B B B		
© Promotion of innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation © Construction of knowledge S A B B B B B B C.(2)© infrastructure © Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	for intellectual A A B B B B 2.(1)⑥	
innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B C.(2)① infrastructure ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of	property	
innovative technology research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge S A B B B B B B C.(2)① infrastructure ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of		
research development (2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge SAABBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		
(2) Formation of science and technology foundation for producing science and technology innovation ①Construction of knowledge SABBBBBBBBBC.(2)① ②Construction of personnel infrastructure ③Constructure ③Constructure ③Construction of personnel infrastructure a. Training of human resources leading the next-generation of		
science and technology foundation for producing science and technology innovation ①Construction of knowledge SABBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		
foundation for producing science and technology innovation ①Construction of knowledge SABBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		
producing science and technology innovation ①Construction of knowledge SABBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		
technology innovation ①Construction of knowledge S A B B B B B C.(2)① ②Construction of personnel infrastructure B B B C.(2)② B B C.(2)② B B C.(2)② B B C.(2)②		
technology innovation ①Construction of knowledge S A B B B B B B 2.(2)① ②Construction of personnel infrastructure B B B B B C.(2)② B B B B B B B B B B B B B B B B B B B	producing science and / / / / / / / / / /	
①Construction of knowledge S A B B B B B 2.(2)① ②Construction of personnel infrastructure B B B 2.(2)② a. Training of human resources leading the next-generation of		
knowledge infrastructure © Construction of personnel infrastructure B B B 2.(2)© a. Training of human resources leading the next-generation of		
infrastructure ②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of		
②Construction of personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of		
personnel infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of		
infrastructure supporting science technology innovation a. Training of human resources leading the next-generation of B B 2.(2)② A B B A A A A A A A A A A A A A A A A		
supporting science technology innovation a. Training of human resources leading the next-generation of		
technology innovation a. Training of human resources leading the next-generation of A B B A A 2 (2)(2)		
a. Training of human resources leading the next-generation of	supporting science / / / / / / /	
a. Training of human resources leading the next-generation of		
resources leading the next-generation of		
next-generation of $\begin{bmatrix} A & B & B & A & A & 2 & (2)(2) \end{bmatrix}$		
science and technology A A		
	science and technology A A	
b. Training of human B B B B 2.(2)②	b. Training of human BBBBBB2.(2)@	

								IV				
IV. 2 If the agency has any unnofor disposal of such property	ecessary	property	or any	property	y that is	expected	to be unne	ecessary prope	rty, a plan			
for disposar of such property												
	A	A	В	В	В	В	В	IV.2				
V. If the agency intends to trans	sfer or p	rovide as	collate	ral any i	importai	nt propert	y other th	an the property	,			
provided for in the preceding it				J	1	11.		1 1 3				
		/	/	/	/ /	1 /	/	1				
		/ $/$	'	' $ $ $/$								
		$^{\prime}$						V				
VI. Purpose of using accumulated profit												
			1 /	1/		ъ	ъ	777				
					В	В	В	VI				
VII. Other matters concerning t	he admii	nistration	of the o	operatio	ns speci	fied by or	dinance o	f the competen	t ministry			
Plans for equipment and facilities												
Plans for personnel	A	AAA	В	В	В	В	В	VII				
Debt burden over the mid to long-term objective period		A		В		В	В	V 11				
Use of a reserve fund												

resources related to									
science and technology									
innovation									
c. Construction of									
				D			n	2 (2)(0)	
international personnel			В	В	A	В	В	2.(2)②	
exchanges foundation									
c. Building the base of									
personnel exchange									
with foreign countries									
(among which,									
management of			С	С	В	C	C	2.(2)②	
accommodations for									
foreigners is also									
included)									
c. Building the base of	/	1 /	1						
personnel exchange	/	/							
with foreign countries	/	/							
(among which, the	/	/							
	/	/	A	A	A	A	A	2.(2)②	
Japan-Asia Youth	/	/							
Exchange Program in	/	/							
Science is also	/	/							
included)	/	/							
d. Fostering program									
managers				В	В	В	В	2.(2)②	
e. Promotion of fair	<u> </u>								
				В	В	В	В	2.(2)②	
research activities	<u>/</u>	<u>/</u>		,				() -	
3 Construction of									
communication									
infrastructure									
3 Construction of	ĺ			,					
communication									
			D	D	D	D	n	2 (2)(2)	
infrastructure (Center			В	В	В	В	В	2.(2)③	
for Science									
Communication)									
③Construction of	Α	Α							
communication									
infrastructure (National									
,			S	A	A	A	A	2.(2)③	
Museum of Emerging									
Science and Innovation									
(Miraikan))		ļ				ļ			
3. Other required	/	/	/	/	/	/			
program for	/	/	/	/	/	/			
government	/	/	/	/					
affairsbusiness	/	/							
	/	/	/	/		/			
operations	<u> </u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	/		
(1) Promotion of									
projects accepted by	A	A	В	В	В	В	В	3 (1)	
related administrative	A	A	D D	Б	D	D D	D	3.(1)	
agencies									
(2) Implementation of			В	В	В	В	В	3.(2)	
(2) implementation of	<u> </u>	<u> </u>	<u>u</u>	ען	ע	<u>u</u>	ע	3.(4)	

Cross-ministerial Strategic Innovation					
Promotion Program (SIP)					

^{*} Evaluations up to FY 2013 were made based on "the basic guideline regarding business results evaluation for Incorporated Administrative Agency under MEXT's jurisdiction" (The Evaluation Committee for Incorporated Administrative Agency under MEXT's jurisdiction on March 22, 2002).

Also, the evaluations after FY2014 are made based on "criteria relating to the evaluation for Incorporative Administrative Agency under MEXT's jurisdiction" (decided by the Minister of MEXT in June 30, 2015). The details are as follows.

Ratings up to FY2013

- S: Outstanding achievements are fulfilled. (Without providing a cross-cutting objective standard for the agency in advance, S is rated according to the characteristics of the agency's business operations.)
- A: Achievements are in line with the medium-term plan, or beyond, or are steadily being implemented toward a medium-term objective, or beyond (achievement rate for a medium-term plan should be over 100% in a given FY.).
- B: In some ways the plan is not being implemented in line with medium-term plan, however, a medium-term objective may be achieved by means of ideas and efforts (achievement rate for the medium-term plan should be 70% to 100%.).
- C: The implementation of the plan is behind the medium-term objective, therefore, improvement of business is necessary in order to realize the achievement of the medium-term objective (achievement rate for the medium-term plan in a given FY is less than 70%.).
- F: The Evaluation Committee needs to warn an agency concerning the improvement of its business management and others (Without providing an objective standard in advance, F is rated as a result of judgement that a warning concerning business improvement is necessary.).

Ratings after FY2014

[Administrative and projects related to research and development (I)]

- S: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, and as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, especially the creation of considerable achievements, anticipated creation of special achievements in the future and so on toward "maximization of R&D achievements" under the conditions of appropriate, effective, and efficient operations are recognized.
- A: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, and as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, the creation of considerable achievements, anticipated creation of achievements in the future and so on toward "maximization of R&D achievements" under the conditions of appropriate, effective, and efficient operations are recognized.
- B: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, and as a result of comprehensive consideration based on some circumstances regarding the agency's business achievement, efforts and so on through its activities, a certain degree of expectation for the creation of achievement and creation of achievement in the future toward "maximization of R&D achievements" were recognized, and steady business operations have been also recognized.
- C: Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, and as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts and so on through its activities, the creation of achievements, further drastic efforts and improvements toward "maximization of R&D achievements" or the "appropriate, effective, and efficient operations" are anticipated.
- D:Based on the National Research and Development Agency's aims, businesses, mid to long-term objectives and so on, and as a result of comprehensive consideration based on some circumstances regarding the agency's business achievements, efforts through its activities, special efforts and improvements including a fundamental drastic review, toward "maximization of R&D achievements" or the "appropriate, effective, and efficient operations" are required.

[Other than administrative work and projects regarding research and development (After II)]

- S: Through the activities of a corporation, remarkable performance exceeding the intended objectives is recognized quantitatively and qualitatively in the medium-term plan (in terms of quantitative indicators, 120% or more vis-à-vis planned medium-term value (or planned FY value), and remarkable performance is also recognized qualitatively).
- A: Through the activities of a corporation, remarkable performance exceeding the intended objectives is recognized in the medium-term plan (in terms of quantitative indicators, 120% or more vis-à-vis planned medium-term value (or planned FY value).
- B: Performance exceeding the intended objectives is recognized in the medium-term plan (in terms of quantitative indicators, 100% or more but less than 120% vis-à-vis planned medium-term value (or planned FY value).
- C: Performance falls below the intended objectives in the medium-term plan, requiring improved performance (in terms of quantitative indicators, 80% or more but less than 100% vis-à-vis planned medium-term value (or planned FY value).
- D: Performance falls below the intended objectives in the medium-term plan, requiring drastic improvement of business including its abolition (in terms of quantitative indicators, less than 80% vis-à-vis planned medium-term values (or planned FY value), or it is recognized that the competent Minister is required to ask for improving business operations or taking other necessary measures).