# How to Use the Cross-ministerial R&D Management System (e-Rad) for Your Application

OThe Cross-ministerial R&D Management System (e-Rad)

The Cross-ministerial R&D Management System (e-Rad) brings a series of processes in relation to the management of call-for type research systems (accepting applications > selection > adoption > management of the adopted problems > accepting the registration of research results and accounting results, etc.) online, which is managed by each governmental body.

1 Points to Note with Regard to Submission via the Cross-ministerial R&D Management System (e-Rad)

Calls for research proposal applications are made via the e-Rad (<u>https://www.e-</u>rad.go.jp/en/) system. Please pay attention to the following points in particular.

• Please submit your applications via e-Rad.

If you have not finished your application steps from e-Rad before the deadline, your application, regardless of the reason, will not be accepted as a subject of our examination. A proposal using a non-standard form may also be rejected.

· Log in to e-Rad; recommended movement environment

The recommended movement environment of e-Rad is Edge, Firefox, Chrome, Safari.

(https://www.e-rad.go.jp/en/operating\_environment.html)

- Applicant's institution and applicant registration are required in advance.
   For details, please refer to 4.1.
- Research integrity information must be entered in advance.

If you have not registered since the e-Rad upgrade (after March 15, 2022), you must do so. If you have already registered, you do not need to do so.

Please refer to "4.2 Entering Research Integrity Information" for details.

 Please allow several days or more after the application deadline for inputting information into e-Rad.

Input of information into e-Rad takes a minimum of around 60 minutes. Furthermore, on the day of the application deadline, there is a risk that the e-Rad system may be crowded and inputting may take a long time. Please allow ample time before the application deadline to commence inputting information into e-Rad.

• It is possible to "temporarily save" input information.

It is possible to discontinue input of and temporarily save application information part way through. For details, please refer to the "Saving and Reassessing your Application Information" section under "4.5 Entering the Required Information into the e-Rad System" and/or "Operation Manuals (for researchers) " (<u>https://www.e-</u> <u>rad.go.jp/en/manual/for\_researcher.html</u>) or "Frequently Asked Questions" sections on the e-Rad portal site.

• "Retraction" is possible, even after the research proposal has been submitted.

**Up to and including the day prior to the application deadline,** it is possible for applicant to retract and re-edit their research proposals. For details, please refer to the "Amending Submitted Application Information: 'Retraction' " section under "4.6 Entering the Required Information into the e-Rad System" and/or "Operation Manuals (for researchers)" section on the e-Rad portal site.

**Do not "retract" research proposals on the day of the application deadline.** On the day of the application deadline, there is a risk that the e-Rad system may be crowded and re-editing the proposal after retraction may take a very long time.

#### 2 Flow of Application Process Using e-Rad

(1) Enter information on the applicant's institution and applicant

Applicants who do not have a login ID or password must request the administrative section of their research institution to register the institution in the e-Rad system. It should be noted that the registration process can take more than two weeks.

※ For more details, please refer to 4.1.

(2) Entering Research Integrity Information

Not required if you have already registered.

Please refer to "4.2 Entering Research Integrity Information" for details. (3) Obtain application requirements and research proposal forms

Check the list of current calls for research proposal applications on the e-Rad portal site, and download the application requirements and research proposal forms. ※ For more details, please refer to 4.3.

- (4) Prepare a research proposal (maximum file size of 3 MB)
  - ※ For more details, please refer to 4.4.
- (5) Enter the application information into the e-Rad systemEnter the required information into the e-Rad system. Input takes around 60 minutes.
  - % For more details, please refer to 4.5.
- (6) Submit the research proposal
  Submit your research proposal by uploading it.
  ※ For more details, please refer to 46.

### 3 System Availability and Where to Direct Questions

3.1 How to use the e-Rad system

The manual for e-Rad operation may be seen in or downloaded from e-Rad portal site (https://www.e-rad.go.jp/en/). Apply upon agreeing to the rules of use.

- % Please check (<u>https://www.e-rad.go.jp/en/operating\_environment.html</u>) before using the e-Rad system.
- 3.2 Where to direct questions on how to use the e-Rad system

Questions regarding JST's systems and programs should be directed to JST. Questions on how to use the system should be directed to the e-Rad helpdesk.

Please read carefully the explanation of the application process contained in this chapter, and the contents of the e-Rad portal site, before submitting a question.

### No answer is given to questions concerning the review or adoption of a proposal.

Questions	Department	Please ensure that any inquiries are made by e-mail.
regarding matters	of Moonshot	E-mail: moonshot-koubo@jst.go.jp
like systems and	Research and	Office hours: 10:00-17:00
programs,	Development	*Except for Saturdays, Sundays, national holidays,
preparation of	Program, JST	and the year-end new-year holiday
documentation for		Tel: 03-5214-8419
submission, and		We will only accept telephone inquiries on the day

submission		of the deadline or in an emergency. Even if we
procedures		receive your question(s) by telephone, we may ask
		to handle the issue via e-mail.
Got questions	e-Rad Help	Phone Number: 0570-057-060 (Navigation Dial)
regarding use of	Desk	Office hours: 9 AM – 6 PM
the e-Rad system		*Except for Saturdays, Sundays, national holidays,
		and year-end new-year holidays

The website for this call

(https://www.jst.go.jp/moonshot/en/application/index.html)

- e-Rad portal site (https://www.e-rad.go.jp/en/)
- 3.3 e-Rad system availability

Monday to Sunday 0:00-24:00 Available 24 hours a day, 365 days a year.

※ Maintenance and inspection schedules are announced ahead of time on the portal site.

#### 4. Detailed Submission Instructions and Precautions

4.1 Entering information on applicant's institutions and applicants

Applicant's institutions need to be registered in e-Rad before application. They are requested to select an office representative concerning e-Rad, who downloads a registration form for applicant's institutions from the e-Rad portal site (referred to as "portal site" hereafter) to apply for registration. (In case of an applicant who belongs to an institute outside Japan or does not belong to any institute, the applicant shall apply yourself.)

Applicants must first register applicant information as information on the researcher and obtain an e-Rad login ID and password. (If registration via a system or program of another ministry or other government organization has already been completed, doing so once again is not required.)

The following registration procedures are required. **Please allow two weeks or more for completing procedures.** For details, please refer to the "Registration and Procedures " or "Frequently Asked Questions" sections on the e-Rad portal site. 1) For applicants (PM candidates) affiliated with a **Japanese** institution

Person responsible for e-Rad registration: Administrator at the institution

Registration items: Information regarding the institution and applicant

2) For applicants (PM candidates) affiliated with a **foreign** institution, and applicants affiliated with **no** institution

Person responsible for e-Rad registration: Applicant

Registration item: Information regarding the applicant

#### 4.2 Entering Research Integrity Information

If you have not registered since the e-Rad upgrade (after March 15, 2022), you must do so. If you have already registered, you do not need to do so.

Based on the "Policy for Ensuring Research Integrity with Regard to New Risks Associated with the Internationalization and Opening up of Research Activities" (decided by the Council for the Promotion of the Integrated Innovation Strategy on April 27, 2021), universities and research institutions, etc. should develop relevant rules and management systems, including for conflicts of interest or responsibilities. It is important for researchers and universities and research institutions, etc. to take independent actions to ensure the soundness and fairness of research (research integrity).

From this perspective, we will confirm that adequate efforts can be ensured along with eliminating irrational duplications of competitive research funds and excessive convergence and ensuring the transparency of research activities, and in addition, inquiries may be made to your affiliated organization as necessary regarding the status of relevant rules and its understanding of the situation.

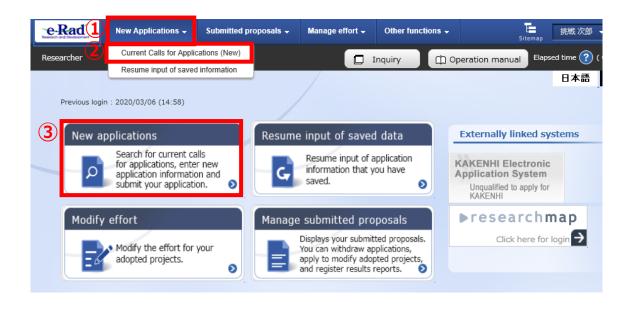
- (1) Click on [Confirm and amend researcher details].
- (2) On the "Modify Researcher Details" screen that appears next, click on the [Main research institution] tab.
- (3) Click [Add line] in part [Status of research expenses outside e-Rad and status of notification to job titles and affiliated institutions].
- (4) Fill in [(1) Research expenses other than e-Rad] and [(2) Organizations you belong to and your positions (including concurrent positions, participation in a foreign

recruitment program, position of professor emeritus without employment contract)].

- (5) Check [(3) Pledge status] after confirming that you have properly reported the above entries to your institution. (\*This step is required. If you do not check the box, you will not be able to submit your application).
- (6) When you have completed all the information, click on [Register].
- (7) [Register for this content. Do you want to proceed?] will be displayed, click [OK].
- 4.3 Obtain application requirements and research proposal forms\*Please note that the year and other notations in the figure may differ from the actual one.
  - (1) Click "e-Rad login" on the portal site.
  - (2) Log in using the applicant's (1) login ID and (2) password
    - X Once this is done, information on the applicant who has logged in will be automatically displayed in areas showing information on the Researcher.
    - % For first-time logins, it is necessary to enter initial settings.

e-Rad	Th	e Cross-minister	ial R&D Managen	nent System			
				► Home	▶ Japanese		
About e-Rad		Calls for Applications	Registration and Procedures <b>V</b>	Operation manual	Q/		
Inquiries							
S r C F r C C C F R N	Syste mana Comp agenco provid result pverc e-Rac resea Minist	m (e-Rad) is a cross-i gement of research a	esses from accept prevents unwarr rchers' research a s and agencies in and is developed ure, Sports, Scien	bling online through the nistrice and 1 05/2/10 0 2 1/327-5 0 2	For Read ログイン	Log In	assword
C	urre	nt Calls for Applica	ations (name/closi	ng date): Latest 5 il	tems		

(3) Click ① "New Applications" on the top menu and click ② "Current Calls for Applications (new)". Or click ③ "New Applications".



- (4) Please search title of call for research proposal and moonshot goals in [Search conditions] and click on the call for application which you will propose.
  - % Please confirm title of call for research proposal and moonshot goals.

Search condit	ions						
Search category	/search text	Title of call fo	or applica 🗸 🛛	MoonshotGoal1			[Partial match]
Number of displ	ayed items	100 🗸					
▼Display a	dvanced search	conditions					
		Clear search cond	ditions	Q Sea	arch		
Current Calls	for Applicatio	ns					
		cation" link for details. ply for the call of Applica					
1 to1 items (to	tal1 items)						vnload search results
Application year (fiscal year)	Funding agency	Title of call for Application	Application ? unit	Requirement of ? institution's approval	Deadline	Deadline ? within your institution	Application
2022	Japan Scienc e and Techn ology Agenc Y	[FY2022] Moonshot Research and Develop ment (MoonshotGoal 1) "Realization of a so ciety in which human beings can be free fro m limitations of body, brain, space, and time by 2050." [NEW]	Researcher unit	Unnecessary	2022/0 5/10 1 2:00		Apply >
1 to1 items (to	tal1 items)				1	🔁 Dov	vnload search results

(5) After confirming the title of call for research proposal and moonshot goals, please download as follows.

If click 1 "URL for Application Guidelines" or 2 "Application form : URL" , you can download at the moved site.

①②Either procedure will be moved to the same website.

	1	
Funding agency		Japan Science and Technology Agency
Application year(fisca	al year)	2022
Title of call for Applic	ation	[FY2022] Moonshot Research and Development (MoonshotGoal1) "Realization of a society i which human beings can be free from limitations of body, brain, space, and time by 2050."
URL for Funding Proj		https://www.jst.go.jp/moonshot/koubo/202111/index.html https://www.jst.go.jp/moonshot/koubo/202112/index.html
URL for status of pre	viously successful	
	'S	
Application Guideline	Application Form	
Application Guideline	(Download)	*/

- 4.4 Preparing a Research Proposal
  - Make sure that application requirements are understood before preparing a research proposal.
  - A Research proposal (doc format) must be converted to the PDF format before uploading to the e-Rad system. PDF conversion can be performed using the menu that appears after login.

New Applications - Submitted proposals -	Manage effort 🗸	Other functions 🗸	Sitem	hap 挑戰
		Processing results list	Inquiry Deration manual	Elapsed time
Converting to PDF Convert document files such as Word and Ichitaro	files to PDF.	Convert to PDF GakuNin cooperation setting	ng ▶	
Converting to PDF				
File to be converted to PDF ? Requir	ed Word forma	ts: doc, docx/Ichitaro forma	at: jtd Max size: 30 MB Browse	

Precautions:

- Please confirm the recommended operating environment in advance to log in the e-Rad system. The recommended operating environment is Edge, Firefox, Chrome, or Safari.
- Research proposals converted to the PDF format should be no larger than 3MB.
   Files exceeding 10MB cannot be uploaded to the e-Rad system.
- Delete change history.
- When creating PDF files, do not set a password for the research proposal.
- Make sure that page numbers have been attached to the file converted to PDF format.
- Confirm the creating PDF files. Following misconversion could be happen.
   \*\*In the process of conversion, characters, such as those used in certain languages and special characters, may not be rendered correctly. It is necessary, therefore, to check all PDF files within the system. For more information on characters available for use, please refer to the " Operation Manuals (for researchers)" (downloadable from the e-Rad portal site).

4.5 Entering the Required Information into the e-Rad System

For details on how to log in and search for calls for proposals, see 4.3 "Obtain application requirements and research proposal forms".

(1) Search for calls for proposals

Click on "Apply" button for the proposals you want to apply.

search category	/search text	Title of call fo	r applica 🗸 🛛	MoonshotGoal1			[Partial match
Jumber of displ	ayed items	100 🗸					
▼Display a	dvanced search	conditions					
		Clear search cond	itions	Q, See	arch		
urrent Calls	for Applicatio	ons					
lick the "title	of call for Appli	cation" link for details.					
		cation" link for details. plv for the call of Applica	tion.				
		cation" link for details. ply for the call of Applica	tion.				
			tion.			🔁 Dov	vnload search result
	y" button to ap	ply for the call of Applica				P Dov	vnload search result
lick the "Appl	y" button to ap			Requirement of @ institution's approval	Deadline	Deadline ? within your institution	vnload search result Application
lick the "Appl 1 to1 items (to pplication year (fiscal year)	y" button to ap tal1 items) Funding agency Japan Scienc e and Techn	ply for the call of Applica Title of call for Application [FY2022] Moonshot Research and Develop ment (MoonshotGoal 1) "Realization of a so	Application ? unit	арргома	2022/0	Deadline ?	Application
lick the "Appl 1 to1 items (to pplication year	y" button to ap tal1 items) Funding agency Japan Scienc	ply for the call of Applica Title of call for Application [FY2022] Moonshot Research and Develop ment (MoonshotGal	Application ? unit	Requirement of institution's approval Unnecessary		Deadline ?	

## (2) Instructions for Applications

After reading instructions, click on " Agree and apply" button on the below right portion of the screen.

## Saving and Reassessing your Application Information

(1) Saving Information Temporarily
 In the case that you wish to
 temporarily store application
 information during input, please
 click "Save" at the below of the
 screen.

	new application)	
Enter application details.	Click each tab to display the corresponding input fields.	
*Complete all fields required in a		
	cation proposal file (PDF) to be submitted by clicking the "Preview application content proposal" butto	on. If you want
		ntes Arrianma
	calcon proposal nile (PDF) to be sourceed by choing the Preview application content proposal source oposal file (PDF) after submission, select the target application from the menu "Submitted Assignment	nts> Assignme
refer to and obtain the application		nts> Assignmei
refer to and obtain the application	oposal file (PDF) after submission, select the target application from the menu "Submitted Assignmen	
refer to and obtain the application List*.	oposal file (PDF) after submission, select the target application from the menu "Submitted Assignment or PY 2022 / [PY2022] Moonshot Research and Development (MoonshotGoal1) "Realia	zation of a so
refer to and obtain the application	oposal file (PDF) after submission, select the target application from the menu "Submitted Assignmen	zation of a so
refer to and obtain the application List*.	oposal file (PDF) after submission, select the target application from the menu "Submitted Assignment or PY 2022 / [PY2022] Moonshot Research and Development (MoonshotGoal1) "Realia	zation of a so
refer to and obtain the application List". Application Year./Title of of Application	oposal file (PDF) after submission, select the target application from the menu "Submitted Assignmen or PY 2022 / [PY2022] Moonshot Research and Development (MoonshotGoal1) "Realig city in which human beings can be free from limitations of body, brein, space, and tim	zation of a so

### (2) Resumption your Application Information

After placing the cursor over ① "New Applications", please click ② "Resume input of saved information" or ③ "Resume input of saved information".

Search by inputting Project year (2023) or Moonshot goals in "Search condition"

Click "List" and the "Procedures for Submitted Applications and Approved Projects", which will be displayed.

After confirming Application proposal information, please click on "Resume" button.

Red	New Applications +	Submitted propose	als 🚽 Manage effort 🚽	Other functions 🗸	Sitemap #B戰()
earcher	Current Calls for Applic	ations (New)		quiry 🕕 Opera	tion manual Elepsed time
	Resume input of saved	information			日本
Previous logi	n : 2020/03/06 (14:58)	(	3)		
New a	pplications	Re	sume input of saved o	data Ext	ernally linked systems
م	Search for current ca for applications, ente application informatic submit your application	n and	G Resume input of app information that you saved.	have App	ENHI Electronic lication System ngualified to apply for AKENHI
Modify	effort	Ma	anage submitted prope	osals 🕨 🖡	esearchmap
Ξ	Modify the effort for adopted projects.	your	Displays your submittee You can withdraw appl apply to modify adopte and register results rep	cations, d projects,	Click here for login

1 to 1 items	(total 1 items)		Output template Select				tout item select bad search resi
Project	Project ID	Title of call for Application	Application number	Research institution	Project	Apply type	Edit/Change request,
year		Project title	Approval number	Principal investigator	status	(status)	result report
		Moonshot Research and Development(	22922252	JST	Applicat	Applicant	
2022	22922252	Goal8] "Realizat…	22722232	531	ion in p rogress	g Saved	List
		見本		Chousen Tsukiko			

#### Procedures for Submitted Applications and Approved Projects Perform various procedures according to project status.

Funding program	ムーンショット型研究器論事業(ムーンショット目標1)「2050年までに、人が身体、脳、空感、特徴の制 約から施設された社会を実現」
Title of call for Application	【2022年度追加公益】ムーンショット型研究開発事業(ムーンショット目標1)「2050年までに、人が身体、脳、空間、特徴の制約から解放された社会を実現」
Project ID	22682452
Approval number	
Project title	
Status	Project Application in progress
Browse processing history	Application status Saved
pplication	
Status Resume making a	n Delete Pullback Withdraw Browse request details Ask the applicant for modification
Application	Delete

#### (3) Enter application details

Enter the various types of information required to apply.

Enter a The inp	ply (Modify application) application details. put screen is divided into tabs.Click each tab to display the corresponding input fields. lete all fields required in each tab and click "Register".
You car	n refer to and obtain the application proposal file (PDF) to be submitted by clicking the "Preview application content proposal" button. If you want to o and obtain the application proposal file (PDF) after submission, select the target application from the menu "Submitted Assignments> Assignment
	pplication Year/Title of call for provide the second and Development (MoonshotGoal1) "Realization of a so ciety in which human beings can be free from limitations of body, brain, space, and time by 2050."
P	Project ID, Project title Required 22682452 Within 100 characters
	Publish to Funding Required Open Open NotOpen
Basic	: information Research costs/Project the program Status of members applications and approved projects
Ba	asic information

In the space labeled "Project title", enter the "Title of the R&D project" described in "An overview of the R&D project" [Form 1].

% Title of the R&D project will be disclosed when announcing the adopter.

This screen is tab configuration. By clicking the  $1 \sim 4$  name of tabs shown below, a related screen for data entry will be displayed.

## ① "Basic information" tab

Basic information Research costs/Project members	Entries specific to the program Status of applications and approved projects
Basic information	
Research period Req - start year to end year	Minimum research period:1years         Maximum research period:4years           (Start)         2022         to (End)         2025
Research Res	Q Search Research contents Clear
Keyword R	equired Keyword Delete
	Add line
Enter research field (secondary	Thisplay advanced search items
Purpose of research	*1000 characters or less (line breaks and spaces are each counted as one character)
	Please write only "See Proposal" in this blank
	More 1000 more characters
Name Research purpose file	Format     Size     File name       [PDF (PD F)]     10MB     Browse     Clear
use do not upload files is is not the place to u posal files.)	
	More 1000 more characters.
Name	Format     Size     File name       [PDF (PD     10MR     Compared on the second of the second on the second of the second
Research summary file	F) ] IONB Browse Clear Delete
	T Upload
Basic information - Applicat	tion documents
Name	Format Size File name Delete
application details file Require	d [PDF (PD F) ] 10MB Delete
Add line	Delete selected line     Typload
	Please upload your proposal here.

Basic information

Research period

[Moonshot goal 8, Core Research] Research period (start): 2023 (Fiscal Year) Research period (end): 2026 (Fiscal Year)

[Moonshot goal 9, Feasibility Study] Research period (start): 2023 (Fiscal Year) Research period (end): 2024 (Fiscal Year)

Research field(main  $\cdot$  secondary)/Research Contents :

Click "Search Research Contents" and use the new screen to perform a detailed search for the research field/ Research Contents that apply to the proposed research. Select the appropriate Research field (Main, Secondary) from the list.

Research field(main · secondary)/ Keywords:

Enter one keyword per line. Add line as needed.

Purpose of research · Abstract :

Please enter "refer to Proposal" in both fields.

Basic information - Application documents

After clicking "Browse" in line of "application details file", please select the proposal in PDF format. Then click on "Upload" button.

\*Please make sure that the proposal contains all of forms.

Basic information - Application documer	nts		
Name	Format	Size	File name
application details file <b>Required</b>	[pdf]	10MB	Browse Clear Delete
			<b>↓</b> Upload

# ② "Research costs/Project members" tab

esearch co	sts									
	ach fiscal year.									
out "2. Break	down for each fiscal	l year" wit	th checking "1	. Maximum and	minimum for ea	ach cost item	· .			
. Maximum	and minimum fo	or each c	ost item							
				Maxin	num			Minimu		
Direct costs						(Not set)			(N	ot set)
Indirect cost	5					(Not set)				
. Cost brea	down for each f	iscal yea								
Major item: R&D		em	FY 2	2022	FY 2	1023		Т	otal	
ct c	-	Require		,000yen		,000ye	n			0 P
osts subto				0 yen		0 ye	n			0 yer
Indirect cost		Require		,000yen		,000ye	n			0 yer
		Total		0 yen		0 ye	n			0 yer
			•				•			
Input costs fo	nput amount(firs r each fiscal year. eakdown for each fi			g "1. Maximum i	ind minimum fe	r each cost it	tem" .			
1.Total of in Input costs for	r each fiscal year.	iscal year*	with checking	for first fiscal	Total amo	r each cost it ount for each sarcher		Differ	rence	
1.Total of in Input costs for	r each fiscal year. eakdown for each fi	iscal year*	with checking	for first fiscal	Total amo	ount for each		Diffe		0 yen
1.Total of in Input costs fr Fill out "2. Br Direct cost Indirect co	r each fiscal year. eakdown for each fi s	Cost	with checking breakdown f year	for first fiscal	Total amo	ount for ead sarcher	h	Diffe		0 yen 0 yen
1.Total of in Input costs fo Fill out "2. Br Direct cost Indirect co 2.Input de Input the me	r each fiscal year. eakdown for each fi s sts tails of project m mbars of the projec t for each researcher number Date of	iscal year Cost Cost tand the er" in the Res Dep Positi	with checking breakdown f year	for first fiscal 0 yen 0 yen	Total ame rest	ount for each sarcher	h ) yen ) yen	t Viewing /editing		0 yen

Research costs

Please fill out "2.Cost breakdown for each fiscal year" below. If not entering first "Basic information/Research period" in ① "Basic information" tab, you can't enter research costs for each fiscal year in <u>"2.Cost breakdown for each fiscal year"</u>.

- Direct costs : When you enter the research costs FY2023-2026(Until 2024 for goal 9), please align them with your description in "2. Yearly Plans for Research and Development Cost" in the proposal form "Plans for promoting the R&D project and budget plans". (1,000 yen unit per each year).
  - $\ensuremath{\,\times\,}$  Please include indirect costs in the figures.
  - ※ It is possible to enter a budget figure in the proposal form in units of million yen, but you are asked to enter a figure in units of 1000 yen due to e-Rad system limitations.

Indirect cost : "0"(1,000 yen unit) in all of years

 $\times$  Please enter 0 (yen) due to system limitations.

※ In practice, we pay PM's Institutions and Research Institutions as commissioned R&D cost based on Commissioned R&D Contracts which is added indirect costs up to 30% of direct cost for universities etc. in principle or 10% for other (20% for small and medium-sized enterprises) on direct costs. Please refer to "4.6.2 Indirect Cost" in Application guidelines on detail of indirect costs.

#### [Precautions]

The frame of "2.Cost breakdown for each fiscal year" on "Research costs/Project members" tab in upper figure is displayed depending on research periods. Especially, move horizontal scroll bar to right side in case of being displayed the frame after the third year or later.

#### Project members

Research institution : Select a candidate institution of PM's institution in case of

belonging multiple institutions

Specialized field : Enter as simple as possible.

Academic degree : Select from pulldown list.

Role in this project : Enter "PM".

- Direct costs : "Research cost (including indirect cost) in first year (FY2022) " described in "Plans for Promoting the Research and Development Projects and Budget Plans" of "Proposals" (1000 yen unit).
- Effort : Enter the amount of effort in case of assuming that an applicant would be adopted. The amount of effort is the ratio of the time necessary to implement the PM activities with respect to 100 as the total time of the work of the researcher. The amount is the same as "Effort for the management of the R&D project" of "An overview of the R&D project" [Form 1] in "Proposals".

## $\ensuremath{\mathfrak{I}}$ "Entries specific to the program" tab

Basic information Research costs/Project members Entrie	es specific to applications and approved projects
Institute ?Required	
Department 1 (ex. : Gr ? Required aduate School of OO)	
Department 2 (ex. : De ? partment of OO)	
Department 3	
Position <b>?</b> Required	
Contact information <b>?</b> Required	office home others
postal code <b>?</b> Required	
address <b>Required</b>	
phone number ? Required	
E-mail address ? Required	
"Guidelines for respondi Required ng to inappropriate beh avior during research ac tivity"	🗌 I pledge.
"Guidelines for managin ? Required g and auditing public re search funds in researc h organizations"	🗌 I pledge.
No misconduct in R&D a Required ctivities, no unjustifiable use of research funds.	🗌 I pledge.
No misconduct in the p ast R&D activities in yo ur application form.	I pledge.
Please select where you <b>Required</b> finish the learning progr am on research ethics.	My organization eAPRIN Digest version of eAPRIN
Please input the numbe ? r assigned to you if you finished learning a diges t version of eAPRIN.	

Follow the screen to input. Placing the cursor over each item "?" mark will cause a related explanation to appear. Please refer to these as necessary. Note: Up to 10 names can be entered into e-Rad as main performer candidates. Please ensure this is consistent with what is entered in form 1 of the proposal. Even if you have more than 10 main performer candidates, you can only enter 10 names in e-Rad.

Precautions when Inputting Information Using the "Entries specific to the program " Tab

- Be sure to check the content carefully before clicking the "  $\,\odot\,$  " button and then check "  $\,\odot\,$  " .
- With regard to programs related to Research Ethics Education, please refer to "5.1 Completing the Course on Research and Ethics Education".
- (4) "Status of applications and approved projects" tab

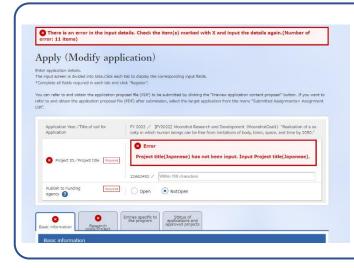
It is not necessary to enter.

Please describe in "Application status, efforts, and acceptance of other research funds" .

#### 4.6 Apply for proposal

## Click on "Apply" button at the bottom right of the screen.

· · · · · · · · · · · · · · · · · · ·	vided into tabs.Click each	tab to display the corresponding input fields.
*Complete all fields re	equired in each tab and c	lick "Register".
		posal file (PDF) to be submitted by clicking the "Preview application content proposal" button. If you wa (PDF) after submission, select the target application from the menu "Submitted Assignments> Assignn
Application Year Application	∕Title of call for	FY 2022 / [FY2022] Moonshot Research and Development (MoonshotGoal1) "Realization of a so ciety in which human beings can be free from limitations of body, brain, space, and time by 2050."
Project ID/Proj	ect title Required	22682452 / Within 100 characters
Publish to Fundi agency ?	ng Required	Open   NotOpen
Basic information	Research costs/Project members	Entries specific to the program Status of applications and approved projects
Basic informa	tion	
Research period - start year to e		Minimum research period:1years     Maximum research period:4years       (Start)     2022     to (End)       2025
Research field (main)	Research Required contents	Q Search Research contents Clear
	Keyword Required	
	Required	Keyword Delete



If any part does not meet the e-Rad input rules, an error message will be displayed at the top of the input screen and the relevant item, and a "x" mark will be displayed on the tab containing the problem part and the relevant item. Please modify according to the message. Check the input contents and click on "submit" button at the bottom right of the screen.

(It may take time to complete.)

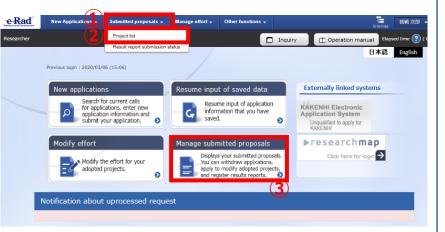
<u>c information</u>	Research costs	Project members	Items specific to the program	Other applications / adoption	
Application Yea	ar/ Title of call for		hot Research and Development[Goal Is and rains by controlling and modify		
Project ID/Proj	ject title	22922252/test			

When completing to submit, a message "completed" will be displayed. A research Proposal has been received by JST. After submitting, make sure to have completed call for application normally as "confirmation of application information status" as follows. Approval of institution through e-rad is not required.

- About "Pullback" for Modification of Submitted Application Information
   It enables to pullback proposal and modify until the day before application deadline.
   ※ Don't pullback on the day of application deadline.
- (1) Place cursor on

①"Submitted proposals" and click ②"Proposal list" displayed.

Or click ③ "Managed submitted proposals".



(2) Click on "List" button.

						_	
1 to 1 items	(total 1 items)		Output template Select			-	put item selection and search result
Project	Project ID	Title of call for Application	Application number	Research institution	Project	Apply type	Edit/Change request,
year		Project title	Approval number	Principal investigator	status	(status)	result reports
2022	22922252	Moonshot Research and Development[ Goal8] "Realizat…	22922252	JST	Applicat ion in p rogress	Distributi on institu tion proc essing Applicati	List
		test	-	Chousen Tsukiko		on in pro gress	

(3) After being displayed
screen of "Procedure for
submitted Applications and
Approved Projects", click on
"Pullback" button. Once pullback
is completed, proposal will be
"temporarily saved" state. When
reentering from a "temporarily
saved", please refer to 4.4
"Entering the Required
Information into the e-Rad System".

Application y	ear	FY 2022							
Title of call f	or Application	Moonsho extreme	t Research and Developm winds and rains by contro	olling and modifying t	he weather by 2050." [c	pre research]			
Project ID		2292225	2						
Approval nur	mber	1 -							
Project title		test	test						
Status Browse pro	cessing history	Application	Application in progress						
pplication									
Status	Resume making an application	Delete	Pullback	Withdraw	Browse application details	Ask the applicant for modification			
Application n progress			Pullback		D Brows				

## Confirmation of Application Information Status

Click <sup>(2)</sup>"Application Information Management" displayed after clicking <sup>(1)</sup>" Application/Selection Information Management".

If the proposal has been submitted correctly, status will appear as "Distribution institution processing Application in progress". (there may be a time lag for applications submitted via e-Rad).

A research proposal whose status does not appear as "Distribution institution processing Application in progress" by the applications deadline are invalid. If a "Distribution institution processing Application in progress" doesn't appear by the application deadline despite compliance with submission rules, please necessarily contact to inquiry information described at end of Application Guideline by the application deadline.

If inquiring after the application deadline, your application, regardless of the reason, will be considered not to be submitted and be not accepted for review.

1 to 1 items	(total 1 items)		Output template Select				put item select
Project	Project ID	Title of call for Application	Application number	Research institution	Project	Apply type	Edit/Change request,
year		Project title	Approval number	Principal investigator	status	(status)	result report
2022	22922252	Moonshot Research and Development[ Goal8] "Realizat…	22922252	JST	Applicat ion in p rogress	essing Applicati	List
		test	-	Chousen Tsukiko		on in pro gress	
	1						put item select

## Receipt by JST

When a research proposal has been received by JST after the application deadline, the application status is shown as "Application received". It should be noted that in some cases the change in "Application received" status may not be reflected until several days after submission.

						CSV ou	tput item select
1 to 1 items	s (total 1 items)		Output template Select		~	-	oad search resu
Project	Project ID	Title of call for Application	Application number	Research institution	Project	Apply type	Edit/Change request,
year		Project title	Approval number	Principal investigator	status	(status)	result report
2022	22922252	Moonshot Research and Development[ Goal8] "Realizat…	22922252	JST	Applicat ion rece ived	Applicati on receiv ed	
		test	-	Chousen Tsukiko	ived	cu	
						- 同-cov.eu	tput item select