

MIRAI

External Grant Info Session

~Funding Opportunities for International Joint Research ~

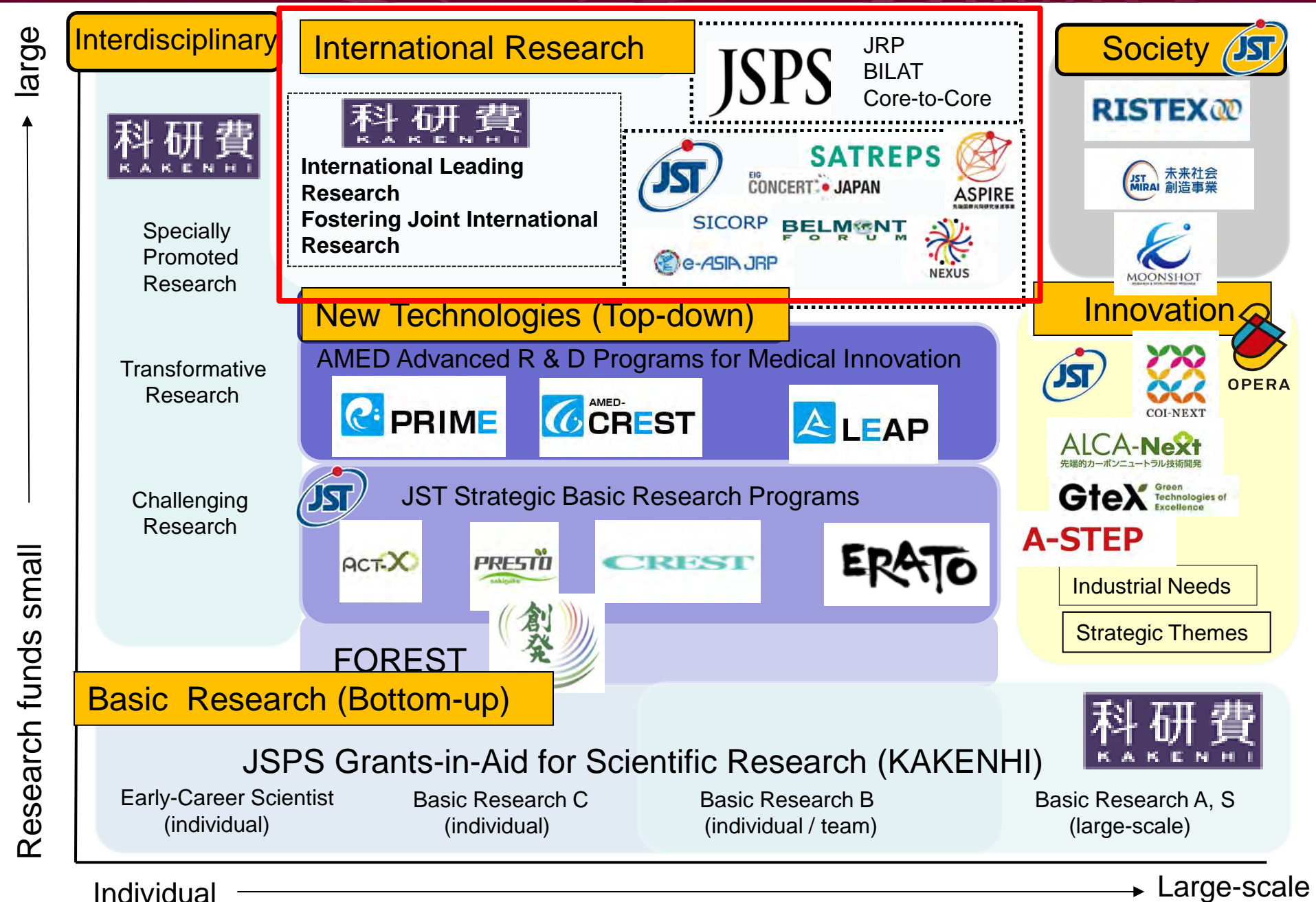
Research and Industrial Collaboration Promotion Department,
Grant Support Office.

Dr. Harold Kusters

March, 2025



九州大学



International Leading Research

国際先導研究

Call: Jan. ~ March

- **Period is 7 to 10 years. Grant is up to 500 million JPY (3 million EUR).**
- This grant aims to enable research groups led by top-level researchers in our country to play a central role in the international network, thereby achieving research results of high scientific value internationally.
- With the participation of postdoctoral fellows and graduate students, the grant seeks to foster researchers who can play leading roles in the international research community in the future

Fostering Joint International Research

国際共同研究強化

Call: July ~ Sep.

- **Period is 6-12 months. Grant is up to 12 million JPY (75,000 EUR).**
- Support for joint international research projects conducted by a KAKENHI grantee in collaboration with researchers at a foreign university or research institute.
- The grant seeks to markedly advance KAKENHI research projects and to foster independent researchers to be internationally competitive.

Home-Returning Researcher Development Research

帰国発展研究

- **Period is up to 3 years. Grant is up to 50 million JPY (320,000 EUR).**
- Support for research by a Japanese researcher with current affiliation abroad who is to be newly appointed at university or research institute in Japan.

RECONNECT Initiative

- Promotion of international joint research through the establishment of new KAKENHI research category "International Leading Research"

Call: Jan. ~ March

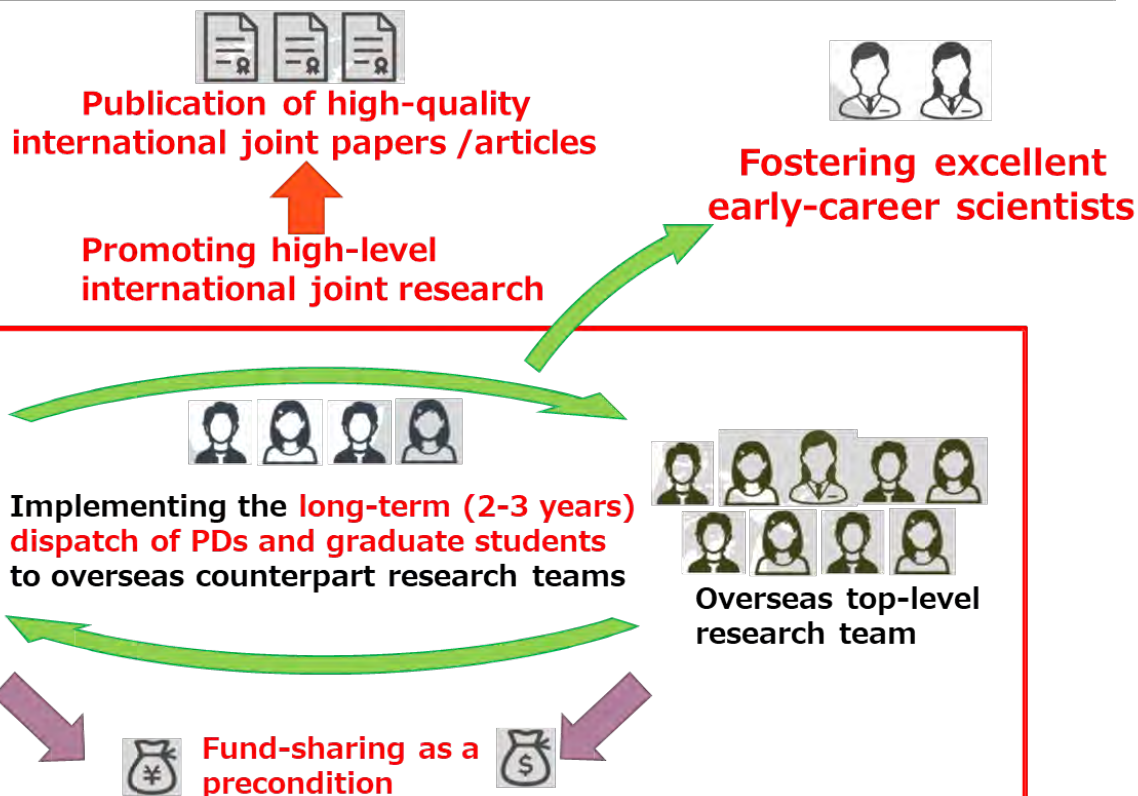


- Through the establishment of KAKENHI new research category "International Leading Research", strongly promoting a support for joint international research with overseas top-level research teams carried out by excellent research teams led by top-level researchers who have achieved very good research results and are connected on international networks.
- Moreover, participations of early-career scientists (PDs and graduate students) are the basic requirements for application. By implementing the long term-dispatch to overseas / exchange sessions and providing self-reliance support, fostering excellent early-career scientists who are competent enough in the face of the global academic rivalry.

<Period / Amount>

7 years (extensions granted till 10 years)
with support from the Multi-year Fund up
until 500 million yen at max

Providing support with KAKENHI
"International Leading Research"





JSPS International Programs



- Focus placed on mobilizing researchers.
- Aimed to establish robust international cooperative networks.

Call for proposals
June/July~

(1) Supporting International Joint Research and Seminars

Bilateral Programs
Core-to-Core Program
International Joint Research Programs

(2) Providing Platforms for International Training Opportunities for Young Researchers

Frontiers of Science (FoS)
Symposia
HOPE Meetings with Nobel Laureates

(3) Inviting Researchers to Japan

Postdoctoral Fellowships for Research in Japan
Invitational Fellowships for Research in Japan

(4) Sending Young Japanese Researchers Overseas

Postdoctoral Fellowships for Research Abroad
Doctoral Fellowships for Research Abroad

(5) Support Globalization of Universities

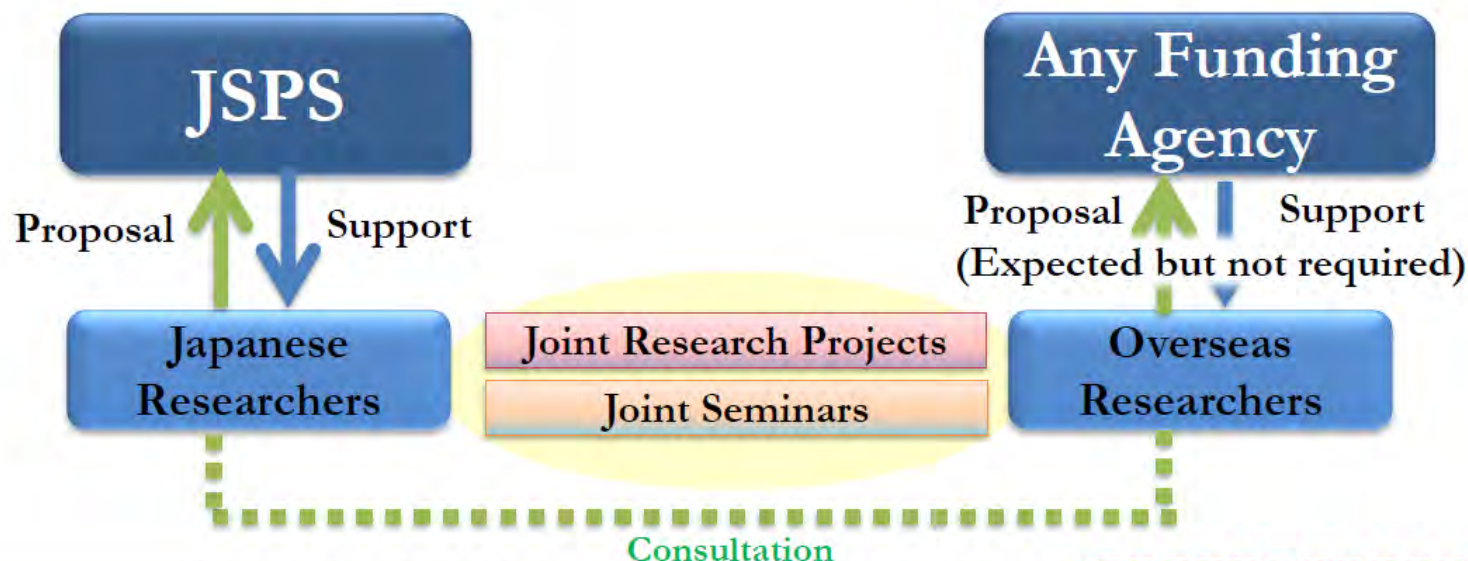
Support through JSPS Overseas Offices

Website Bilat: <https://www.jsps.go.jp/english/e-bilat/>

Core-to-Core: <https://www.jsps.go.jp/english/e-c2c/>

Bilateral Cooperation: Open Partnership Joint Projects/Seminars

JSPS



	FY2015		FY2016		FY2017	
	Projects	Seminars	Projects	Seminars	Projects	Seminars
# of application	319	56	197	29	258	27
(# of countries)	(54)	(25)	(46)	(22)	(51)	(15)
# of selected projects	50	8	46	6	45	5
(# of countries)	(33)	(8)	(23)	(6)	(26)	(5)

Bilateral joint projects and seminars open to agencies of countries in diplomatic relations with Japan regardless of whether or not they have an MOU with JSPS.

Support for Japanese Team:

Joint Research: Up to JPY 2 million/year/project for up to two years

Joint Seminar: Up to JPY 2 million/seminar

*Creating Research Hubs – Core-to-Core Program–***JSPS**

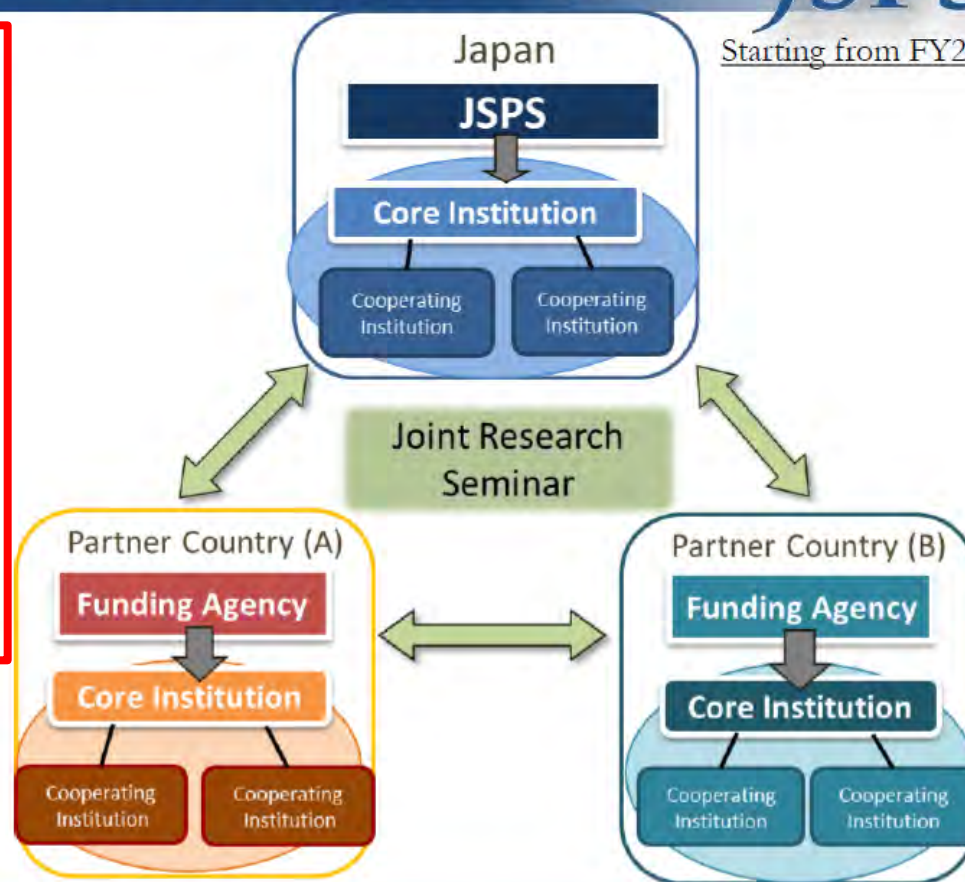
Starting from FY2012

A. Advanced Research Networks

- Target: Any country in the world
- Objective:
 - Promote international collaboration in cutting edge fields by creating world-class research hubs
 - Foster new generations of talented young researchers in Japan and other countries
- Grants: Up to JPY 18 million/year
- * Partner institutions are required to cover their own expenses. (cf. international exchange fees, etc.)
- Project duration: 5 years

B. Asia-Africa Science Platforms

- Target: Asian and/or African countries/regions
- Objective:
 - Japanese research institutions take the lead in building research hubs and fostering young researchers to contribute to Asian/African region
- Grants: Up to JPY 8 million/year from JSPS
- Project duration: 3 years



Number of applications/selected proposals

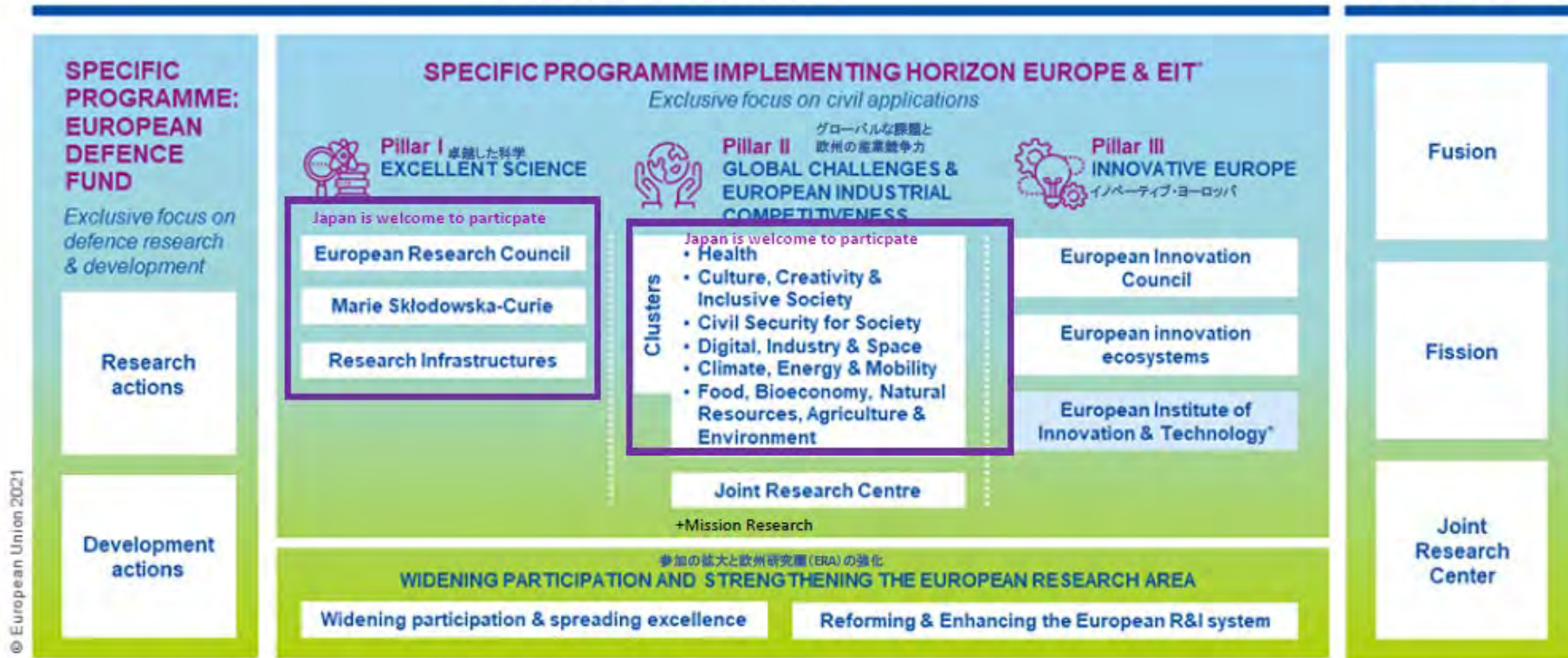
	FY2013		FY2014		FY2015		FY2016		FY2017	
	App.	Sel.	App.	Sel.	App.	Sel.	App.	Sel.	App.	Sel.
A. Advanced	34	8	41	8	45	7	54	7	55	8
B. Asia-Africa	80	11	56	10	41	10	77	12	70	12

Horizon Europe consists of various programs and thematic research areas categorized under three pillars: "Science Excellence", "Global Challenges and European Industrial Competitiveness", and "Innovative Europe".

Total Budget 95.5B EUR
(JPY: 約12兆7千億円)

HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

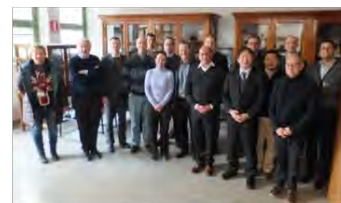
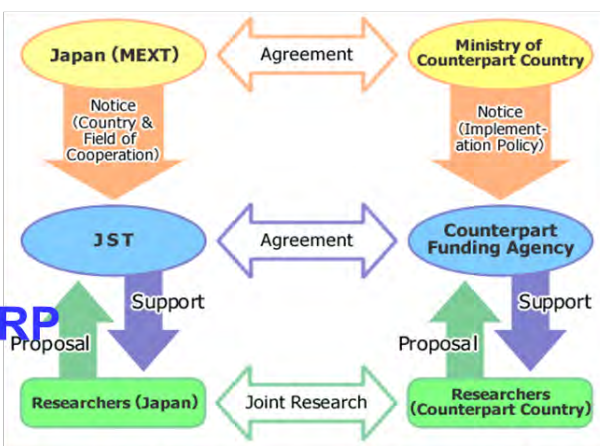
[Website: Horizon Europe Call for Proposals](#)



Example 1 Inrel-Npower (semiconductor)

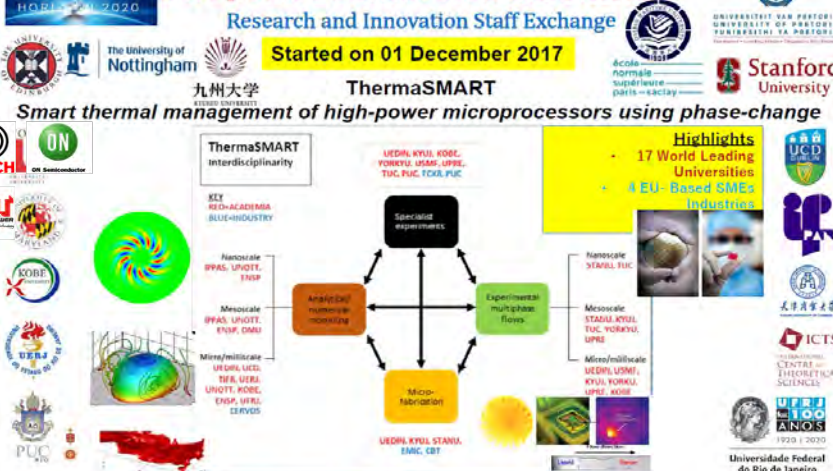
“Innovative Reliable Nitride based Power Devices and Applications (InRel-NPower)”

- ◆ Research Contents: The InRel-NPower project researches high voltage GaN and AlN transistors for application in power electronics, from growing the raw material to packaging and a demonstration of its potential in a final device.
- ◆ Research Period: 3 years
- ◆ Research Amount: JPY 60,000,000



Example 2 ThemaSmart (Thermal Engineering)

HORIZON 2020 European Commission RISE Award



Flow Capture



Cherry Biotech



!!Upcoming call: Apr 2025 Oceans: Climate Change Mitigation and Adaptation!!

<https://concert-japan.eu/>



11

Joint calls
since 2012

58+

Projects
funded

32+

Partners
in 22 countries

€43 M

Budget
Combined since 2012

The **European Interest Group (EIG) CONCERT-Japan** is an international joint initiative to support and enhance science, technology and innovation (STI) cooperation between the European region and Japan. CONCERT-Japan had a high impact on the coherence and coordination of European collaboration and joint funding activities with Japan as a partner country.

Participating organizations

Members



EIG CONCERT JAPAN European Interest Group (EIG) CONCERT-Japan

CONCERT-Japan Calls to Date

FRAME- WORK	YEAR	JOINT CALL TITLE	BUDGET COMMITTED	PARTICIPATION
ERA-NET	2012	Efficient Energy and Distribution	€2.8 million	12 countries
		Resilience Against Disasters		
ERA-NET	2014	Photonic Manufacturing	€0.9 million	6 countries
EIG	2016	Food Crops and Biomass Production Technologies	€1.9 million	5 countries
EIG	2017	Efficient Energy and Distribution	€2.2 million	9 countries
EIG	2018	Functional Porous Materials	€4.65 million	9 countries
EIG	2019	Smart Water Management for Sustainable Society	€4.22 million	9 countries
EIG	2020	ICT for Resilient, Safe and Secure Society	€4.74 million	11 countries
EIG	2021	Sustainable Hydrogen Technology as Affordable and Clean Energy	€6.74 million	13 countries

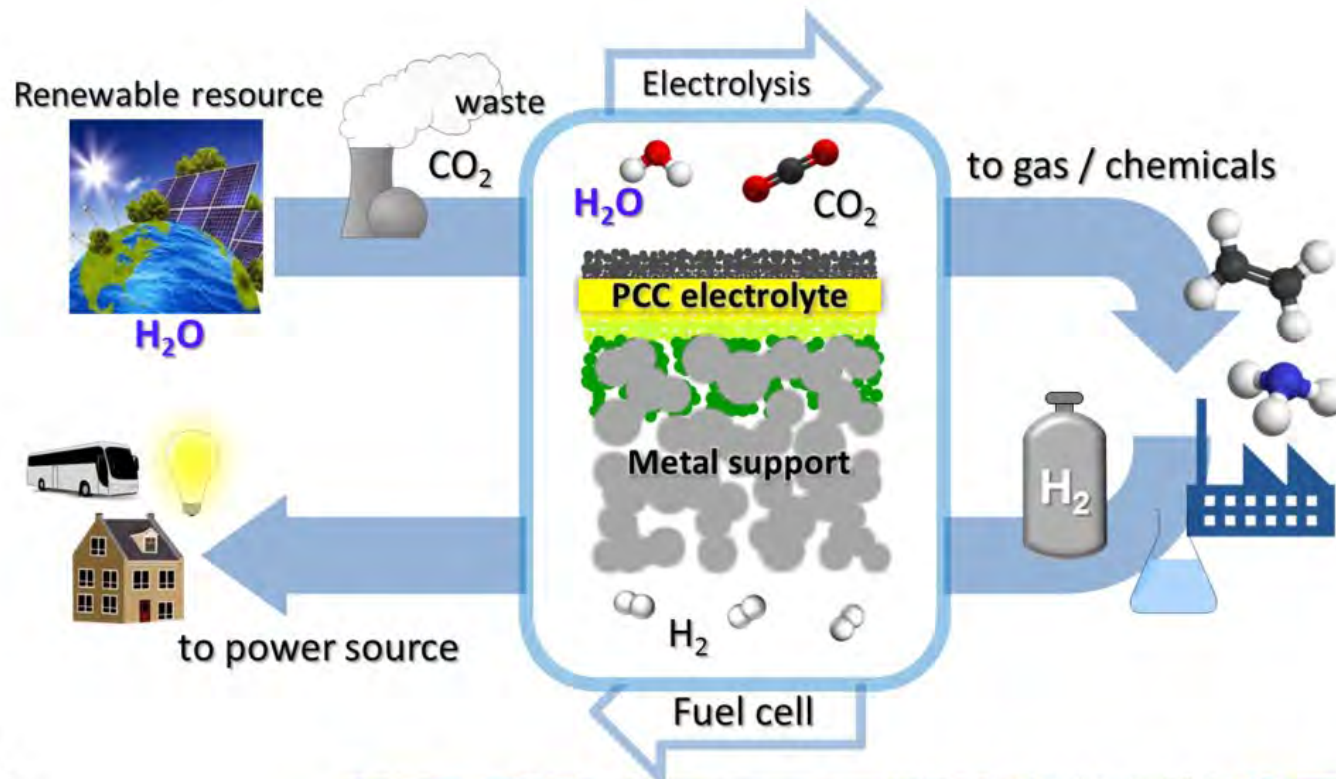
CORE RESEARCH FOCUS AREAS



DAIACHI Development of Advanced and Innovative metal supported Cells using proton conducting ceramics to foster Hydrogen society Implementation



Renewable resource to gas/chemicals and power source





European Research Council (ERC)



Supporting frontier research by researchers (Principal Investigator: PI)

should spend at least 50% of their total working time in an EU Member State

Starting Grant (for young researchers)

Target:

2-7 years of experience since completion of PhD

Funding amount:

Up to € 1.5 million for a period of 5 years

Consolidator Grant (for Independent researchers)

Target:

7-12 years of experience since completion of PhD
and who want to consolidate their independence

Funding amount:

Up to € 2 million for a period of 5 years

Advanced Grant (for senior researchers)

Target:

who have a track-record of significant research
achievements in the last 10 years.

Funding amount:

Up to € 2.5 million for a period of 5

One of this small group of Principal Investigators can be
hosted full-time by an institution outside of the EU

Synergy Grant (for team of multiple researchers)

Principal Investigators work together and bring different
skills and resources to tackle ambitious research problems

A group of two to maximum four Principal Investigators

Up to a maximum of € 10 million for a period of 6 years
(pro rata for projects of shorter duration)

Call for
proposals:
July-Nov.



- Fund postdocs to go abroad
- Start-up funds to set up first lab
- Team grants to initiate international collaborations
- Team consist of 2-4 members
- **Focus on International collaboration/ Interdisciplinary / Challenging**

Call for proposals (LOI):
Jan. - March



Acceptance rate:
1st stage around 10%
2nd stage around 35%

Research Grants	Eligibility	Research Period	Research funding
① Early Career	10 years from PhD 5 years from Independent position	3 years	Up to \$ 450,000 (2 member team \$250,000) (3 member team \$350,000) (4 or more \$450,000)
② Program Grants	All others (many PIs are 30+)		



THE SJSF JAPANESE SECTION

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スカンジナビア・ニッポン ササカワ財団

東京事務所

スカンジナビア・ニッポン ササカワ財団は、日本と北欧5か国間において相互理解に寄与し得る案件に対し個人、研究機関等へ助成をおこなっています。

2025年度の助成金の申請は締め切りました。次回の募集案内は2025年4月上旬にホームページに掲載予定です。

助成金に関するお問合せとご相談は、下記にご連絡ください。

お問合せ先：

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Tel : 03-6457-9731

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申請書

To Application

ガイドライン

Guidelines

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Japan: opens December 1, 2024 at 00:01 hours, deadline January 31, 2025 at 23:59 hours.

Sweden: opens December 1, 2024 at 00:01 hours, deadline January 31, 2025 at 23:59 hours.

[Website: Japan – Scandinavia-Japan Sasakawa Foundation](#)

◆ Foundations

(Bill Gates, Wellcome Trust, Japan Foundation, Suntory, Sasakawa etc.)

Japan Foundation Center: <https://www.jfc.or.jp/>

◆ Embassies

Sometimes Foreign Embassies have their own bilateral programs. You can get a funding guide of all funding opportunities.

◆ Research Centers

Several research centers like CNRS have their own international programs e.g. **International Research Laboratories (IRL)**.

◆ Companies