

# CONCERT JAPAN

Connecting and Coordinating  
European Research and Technology Development with Japan

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6<sup>th</sup> December 2013

On behalf of



and other European partners

# Japan-Europe Cooperation through the CONCERT-Japan Project



## Overview:

CONCERT-Japan is an **International Cooperation ERA-NET** project funded within the **EU FP7** framework

### Key aims:

- To **coordinate, structure and enhance science and technology cooperation** between European countries and Japan
- To **enhance understanding** among European organisations about the Japanese STI support system, and vice versa
- To **determine common future preferences, priorities and areas of mutual interest** in terms of EU-Japan STI cooperation, and to develop a sound **joint S&T cooperation strategy** based on identified common elements
- To **perform a coordinated pilot joint call** for proposals to be jointly funded by participating EU countries and Japan, based on the developed strategy
- To learn from the implemented joint call and to establish a common fully-fledged programmatic ground for a **mid-term cooperation strategy**

# Japan-Europe Cooperation through the CONCERT-Japan Project



## Work Packages:

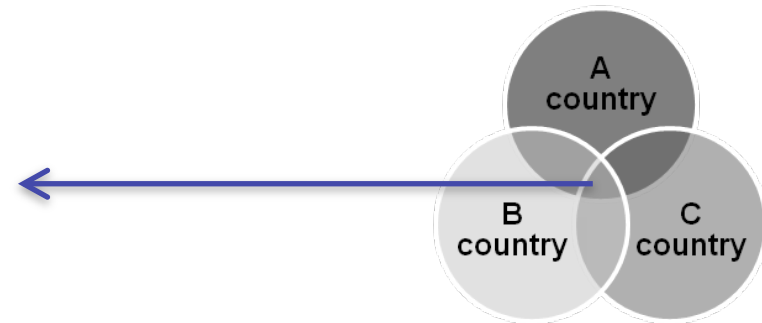
- WP1** Data Gathering and Information Exchange on STI Cooperation
- WP2** Joint Strategy for Coordinating STI Cooperation Programmes of European Countries with Japan
- WP3** Preparing, Implementing and Assessing a Pilot Joint Call
- WP4** Developing a Durable Programmatic Approach for Coordinated STI Cooperation
- WP5** Communication, Dissemination, Public Relations and Dialogue
- WP6** Project Management

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## Four Cornerstones:

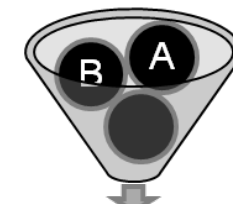
**Identification of commonalities**



**Development of a joint strategy**



**Implementation of a Coordinated Pilot Joint Call**



**Pilot Joint Call**

**Learning lessons from the joint activities and looking to the future**



# Japan-Europe Cooperation through the CONCERT-Japan Project



## Project Partners:

Status	Beneficiary	Acronym	Country
Coordinator	The Scientific and Technological Research Council of Turkey	TUBITAK	Turkey
Partner	Ministry of Education, Culture, Sports, Science and Technology	MEXT	Japan
Partner	Japan Society for the Promotion of Science	JSPS	Japan
Partner	Japan Science and Technology Agency	JST	Japan
Partner	Centre National De La Recherche Scientifique	CNRS	France
Partner	Deutsches Zentrum Fuer Luft Und Raumfahrt	PT-DLR	Germany
Partner	Zentrum Fuer Innovation Und Technik	ZENIT	Germany
Partner	Bay Zoltan Alkalmazott Kutatasi Kozalapitvany	BZN	Hungary
Partner	Centro Per Lo Sviluppo Tecnologico, L'energia E La Competitivita Delle Piccole E Medie Imprese Lombarde	CESTEC	Italy
Partner	Regione Lombardia	RL	Italy
Partner	Norges Forskningsrad	RCN	Norway
Partner	Ministry of Economy and Competitiveness	MINECO	Spain
Partner	Eidgenössische Technische Hochschule Zürich	ETH	Switzerland

# Japan-Europe Cooperation through the CONCERT-Japan Project



## What has been achieved so far? 2011

- Inventory of **Japan's STI funding organizations** with international dimension
- Informative report on **Japan's STI funding** policy and system
- A Europe – Japan **STI Cooperation survey** implemented
- Analysis of **bilateral cooperation** between Europe-Japan
- Analysis of **Japanese participation** to EU FP7
- Analysis of **European participation** to Japan's unilateral fellowship programmes
- Analysis of **joint publications** between Japan and European partners of CONCERT-Japan
- **Recommendatory Report** on EU – Japan STI Cooperation
- Report on **Future Preferences and Priorities**

## What has been achieved so far? 2012

- **CONCERT-Japan Strategy for Future Joint Activities**
  - Objectives, main principles, priorities identified
  - Possible future joint activities defined
- **Pilot Joint Call on Research and Innovation**
  - Launched in September 2012; 15 funding organizations, 12 countries
  - “Resilience against Disasters” & “Efficient Energy Storage and Distribution”

## What has been achieved so far? 2013

- **Pilot Joint Call on Research and Innovation**
  - Evaluation of proposals and selection of funded projects
  - Initiation of support to 9 selected projects
  
- **Workshop on Future Perspectives for Europe-Japan Research and Innovation Cooperation**
  - Held in Zurich, Switzerland
  - 18/07/2013



# Japan-Europe Cooperation through the CONCERT-Japan Project



## Pilot Joint Call (PJC) on Research and Innovation:

A multilateral call for research projects in two targeted thematic areas:

### **Efficient Energy Storage and Distribution**

- and -

### **Resilience against Disasters**

- Projects must involve research teams from **Japan** and **at least 2 European countries**
- Total budget: **5 290 000 €**
- Projects were expected to have **mobility** and **networking components** in addition to the core research component
- Selected research projects will be funded for a period of **2 years**

# Japan-Europe Cooperation through the CONCERT-Japan Project



## PJC Funding Institutions:

-  **Japan:** Japan Science and Technology Agency (JST)
-  **Belgium/Flanders:** Research Foundation Flanders (FWO)
-  **France:** French Ministry of Foreign Affairs (MAEE)
-  **France:** French Ministry of Higher Education and Science (MESR)
-  **Germany:** German Federal Ministry of Education and Research (BMBF)
-  **Germany/Region of North Rhine Westphalia:** Ministry of Innovation, Science and Research of the State of North Rhine Westphalia (MIWF) \*
-  **Hungary:** Hungarian Scientific Research Fund (OTKA) \*
-  **Italy/Region of Lombardy**
-  **Italy/Province of Trento**
-  **Norway:** Research Council of Norway (RCN)
-  **Slovakia:** Slovak Academy of Sciences (SAS)
-  **Spain:** Ministry of Economy and Competitiveness (MINECO) \*
-  **Romania:** National Authority for Scientific Research (ANCS)
-  **Switzerland:** ETH Zurich on behalf of State Secretariat for Education and Research
-  **Turkey:** Scientific and Technological Research Council of Turkey (TÜBİTAK)

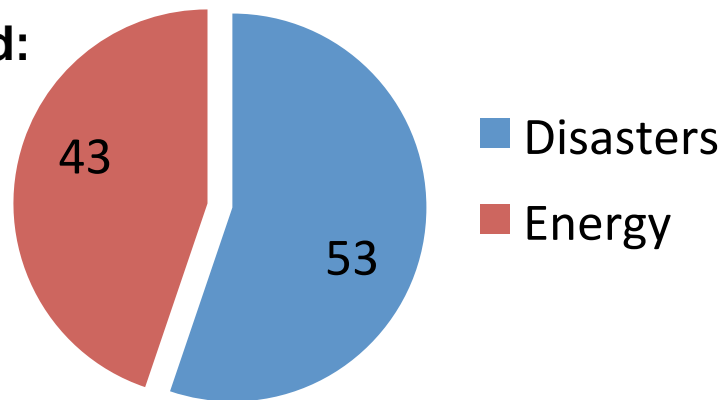
**15 institutions from  
12 countries**  
*Note: countries in red with an  
asterisk only fund in the  
Efficient Energy thematic area*

# Japan-Europe Cooperation through the CONCERT-Japan Project

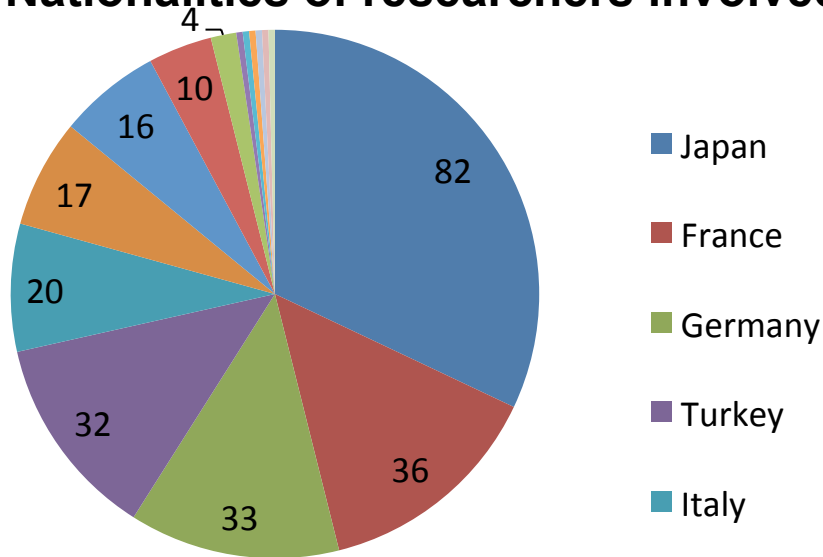


**PJC: 3<sup>rd</sup> September-15<sup>th</sup> November 2012**

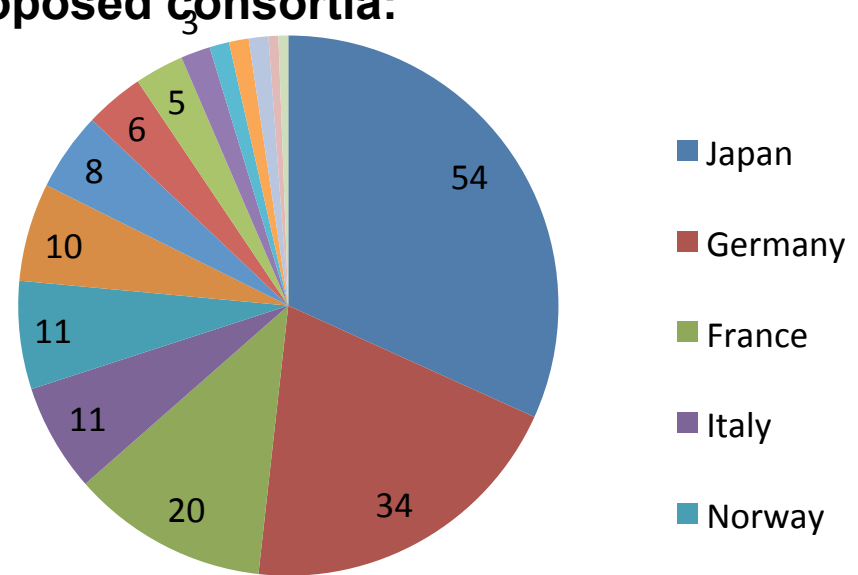
• **Number of proposals received:**



• **Nationalities of researchers involved in proposed consortia:**



**Resilience against Disasters**



**Efficient Energy Storage and Distribution**

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## Pilot Joint Call: Evaluation

1. **Eligibility check against national criteria**
2. **Online peer review**
  - i. Scientific excellence of the project and researchers
  - ii. Methodology and work plan
  - iii. Expected impact of project results
  - iv. Added values of multilateral cooperation
3. **Scientific Committee Meeting**

Independent experts from participating countries established a scientific ranking of proposals based on the online evaluations and their own discussions
4. **Funding Organisations Forum (FOF)**

Final approval by the participating institutions, based on the recommendations of the Scientific Committee and other considerations

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## Outcomes of the Pilot Joint Call:

### Resilience against Disasters:

**-ROADERS** (Road Networks for Earthquake Resilient Societies)



**-RAPIDMAP** (Resilience against Disasters using Remote Sensing and Geoinformation Technologies for Rapid Mapping and Information Dissemination)



**-INFILTIE** (An Innovative Tie System for Improving the Monolithic Behavior of Masonry In-filled Reinforced Concrete Frames)



**-RAPSODI** (Risk Assessment and Design of Prevention Structures for Enhanced Tsunami Disaster Resilience)



**-URBIPROOF** (Increasing Resilience of Urban Planning)



### Efficient Energy Storage and Distribution

**-iTHEUS** (Fundamental investigations on Improved Materials and Storage Concepts for a Hydrogen based Integrated Total Energy Utilisation System)



**-SolarFuel** (Solar Photocatalysis for generation of fuel)



**-NASEMS** (Nanoradiator-Equipped Adsorbents for Safe and Energy Saving Methane Storage)



**-UMBLA** (Understanding Mesoscopic Behaviour of Li Ion All-solid Battery)



For more detail, please visit  
<http://www.concertjapan.eu/node/227>



**Thank you for your attention**

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