E-JADE is a Marie Sklodowska-Curie Research and Innovation Staff Exchange (RISE) action, funded by the EU under Horizon2020



Mid-Term Review

Management and Dissemination

Andrea Latina / WP 4



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WP 4: Management & Dissemination

Tasks

- 4.1 Scientific and Financial Management (CERN & KEK): The management of the programme involves the organisation of programme events, managing the secondments of researchers and the financial planning, execution and reporting to the EU.
- 4.2 CERN & KEK Offices (CERN & KEK): Permanent offices at CERN and KEK will be set up, which will support the researchers during the duration of their secondment.
- 4.3 Communication (CERN & KEK): The Communication of E-JADE achievements experiences and results within the E-JADE programme will ensure most efficient sharing of knowledge and expertise of the seconded researchers. Annual meetings of all E-JADE participants will be organized as well as topical workshops as described in B4.3.1
- 4.4 Dissemination (CERN & KEK): A program for dissemination of information from E-JADE will be setup. This involves setting up public web pages and social media accounts as well as providing information for media and general public. The publication of results in scientific journal articles and participation in international conferences will also be monitored

WP 4: Management & Dissemination

Deliverables

Month 2 Kickoff: Kick off meeting

Month 3 PubWWW: Setting up Public Web pages

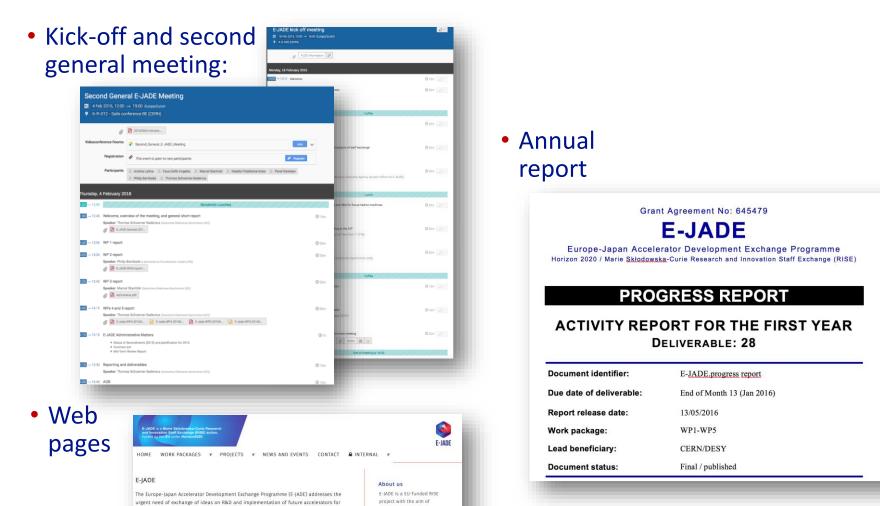
Month 6 CERNKEKOffices: Offices at CERN and KEK in full operation

Months 12, 24, 36 and 48 E-JADE-Report: Annual and final reports including monitoring of publications and presentations

Months 20 and 45 IndustryWS: Industry workshops

Month 12 CommStrgy: Communication strategy report including links to communicators at the participating institutes

Month 36 E-JADESummary: Summary of dissemination activities



fostering the exchange of

scientific personnel between

partner institutions from 6

(Switzerland). CEA and CNRS

(France), CSIC (Spain), DESY

(Germany), Royal Holloway

(UK), and KEK and University of Tokyo (Japan).

and University of Oxford

countries in E-JADE: CERN

Europe and Japan. There are 9

particle physics. It does so by exchanging accelerator scientists and experts between

Universities with two prominent Japanese partners (KEK and University of Tokyo) will

focus on the most critical subjects and profiles namely on the design, R&D and

http://www.e-jade.eu/

Europe and Japan. The planned exchange of staff of leading European Laboratories and

prototyping of the future accelerator facilities mentioned above. Key objectives beyond

treatment of multiple safety codes for technical equipment, purchase methodologies and

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industrial capabilities, innovation and networks to significantly advance these projects.

technical progress are related to sharing of technical knowledge, project organisation.

31 May 2016

• CERN-KEK Offices:

- CERN office at KEK: Building 3-403 (not permanently staffed)
- KEK office at CERN: Building 30-6-021 (administrative trainee M. Watanabe half time)

Implementation Contract

The High Energy Accelerator Research Organization ("KEK") and the European Organization for Nuclear Research ("CERN"), hereinafter referred to as the Parties collectively, or Party individually, hereby conclude an Implementation Contract concerning the funding of the CERN Office at KEK and the KEK Office at CERN under Appendix 10 to the Agreement on Collaborative Work ICA-JP-0103.

- Agreement between CERN and KEK about the offices, and about procedures to have local operation budgets
- Difficult to use E-JADE to staff office
- Next goal:
 - Put scientific staff into office, ~50% of the time managing the visitors, responsible for an upgraded ATF2 effort from CERNs side
 - Linked to plans to increase ATF2 effort from CERN's side
 - Will consider similar actions for other work-packages as needed

- Industry workshops
 - Ideas followed: connect to conference/meeting (as discussions with Spanish Industry in this workshop (Wednesday))
 - Possibilities: IEEE November, LC WS in Japan in December, CLIC WS in Spring, IPAC 2017
 - Will explore and discuss these ideas during this workshop

• Communication plan:

- Draft summer 2015
- Key elements to substantiate

Description	When	How	Responsible
Publications	During the project	The results of the research will be presented at conferences and published in open-access journals. They will also be made available in the public domain via web sites and video casts as well as public lectures and magazines.	CERN KEK
School class and university visits with involvement of the seconded researcher	During the project	Enhanced interest in science subjects on high schools and universities as well as interest in scientific careers and recognition of the international aspect/possibilities of science.	CERN KEK
Guided tours, visitor programmes and science open days at all research institutes	During the project	Inform the general public and motivate young adults on following a scientific career. Communicate on research benefits and justify tax expenses.	CERN KEK
Articles in newspapers and/or popular science magazines	During the project	Information on real-life implications of key E-JADE innovations to targeted industrial audiences and the public at large; showcasing good use of taxpayers' money.	CERN KEK
Multimedia/New Media updates (internet, social media) on E-JADE	During the project	Increased interest in science among the European policy; enhanced in scientific careers. Each seconded researcher will be interviewed about their experience.	CERN KEK
E-JADE public exhibition	During the project	Presentation of the results and experiences from the E-JADE programme.	CERN KEK

WP 4 – Dissemination

- All E-JADE partners use their established PR mechanisms to promote E-JADE
 - Newsletters

31 May 2016

- Days of open doors/labs
- Other public events
- Nice example: Japan Science Agora, Nov 2015
 - E-JADE featured prominently
 - Planned with KEK together with EU delegation in Tokyo (Leonidas Karapiperis Minister Counsellor, Head of Science and Technology Section)

EU RISE and EU-Japan Collaboration

RISE (Research and Innovation Staff Exchange) is a Marie Sklodowska-Curie action within the European Unions HORIZON 2020 programme. RISE actions aim at funding short-term staff exchange to develop careers, combining scientific excellence with exposure to other countries and sectors. RISE enables more interaction between academia and non-academic organisations within Europe and workwide.

EU HORIZON2020 Programme

Horizon2220 is the biggest EU Research and Innovation programme ever with nearly E80 billion of funding walable over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.

HORIZON2202 is the financial instrument implementing the Innovation Union, a Europa2220 f initiative aimod at securing Europs's obtail competitiveness. By occuping research and innoval HORIZON2202 is helping to achieve this with its emphasis on excellent science, industrial leadenthip and tacking sociated Industriegos. The gails to ensure Europe and/cucies worfclass science, removes barriers to innovation and makes it easier for the public and private sectors to work together in delivering innovation.

+ORIZON2020 is open to everyone, with a simple structure that reduces red tape and ime so participants can focus on what is really important. This approach makes sure new projects get off the ground quickly – and achieve results faster.

EU and Japan – RISE projects

Partners

HEAE UN Antonal Centre for

ICRR

CAEN

-666666666

cea

CSIC

🌽 東京大学

KNO

Scientific collaboration between EU countries and Japan is well-established. However, with several existing and planned large-scale projects on the horizon, RISE is an optimal instrument to further advance this collaboration and built ever stronger ties between the world regions.

> Two RISE projects in the field of high energy particle physics and neighbouring disciplines involving Japanese partners have recently been funded E-JADE and tennifer

Summary

LENNIFER and E-JADE are high-ingrad funding instruments specifically garant dowards fostering closer cooperation between researchers in the European Union and in Japan. The programmes involve numerous latiding research institutions both in Japan and in the European Union. The amount of funding available in the programmes will facilitate unprecodented exchange between these world regions, thus benefitting their grand plans for new experiments.

Towards a bright future

The E-JADE and JENNIFER work packages touch upon basically all internationa large-scale projects in particle physics on the global agenda. Large contributions are expected to the LHC and its experiment, to the international Linear Collider, to the Belle-II experiment, to T2K, and to HyperK. Physicists in all world regions are very much looking forward to realisation and scientific exploitation.

Example Work
Packages / Projects



The EU-Japan Accelerator Development Exchange programme E-JADE addresses the urgent need of exchange of expertise and scientists for future accelerator projects se projects – like the international Linear Collisier envisaged by particle physicists to be built the Japanese Kitakimi area – are truly global endeavours and can only be mastered by collaboration of ocuritries from all world regions.

THE EU RISE PROJECTS E-JADE AND JENNIFER

Accelerator and Detector Research and Development

Hubs for EU-Japan Collaboration in

For the period 2015-2018, E-JADE has an budget of 1.6 MEUR. This funding is geared towards the exchange of Anowledge and people between Japan and the EU in four fields of research or work peckages (WP), all locused on accionator RAD. The work packages comprise contributions to the upgrades of the Large Hadron Collider (LHC) at CERN (Geneva, Switzerland), but also activities geared towards future lepton colliders. The scientific work packages arcs.

 WP 1: LHC upgrades and consolidation, and RAD for Muter handron machines. This work package will secure Japanese contributions to the LHC upgrade programme WP 2: Namoneter scale beam handling at the AFF. At the Accelerator Test Facility at KEK, the final security of the test of the WP 3: Linear-collider transfer RAD may nad with accurating on the LC are prepared. WP 3: Linear-collider transfer RAD may nad with accuration on the LC are prepared. WP 4: WP 5: Training

There are nine partner institutions in E-JADE from Japan (KEK, Tokyo University) and European countries (France, Germany, Spain, Switzerland, United Kingdom)



JENNIFER (Japan and Europe Network for Neutrino and Intensity Frontier Experimental Research – is a RISE project that aims at jointly investigating the quark and lepton flavour structure of the Standard model of particle physics, through participation in world-leading experiments based in Japan:

the Belle-II experiment, which will operate at the SUPERKEKB accelerator at Tsukuba, aming to perform the most precise measurements of rare processes mainly for b quarks and tau leptons. The Belle-II detector is composed of different systems that will be installed between 2016 and 2018;

the T2K neutrino oscillation experiment, being operated between Tokai and Kamioka, will be upgraded to the HyperK experiment in the next decade. Both experiments aim to measure the details of the neutrino oscillation phenomenon and the possible presence of unexpected effects.

The JENNIFER consortium is formed by 13 academic and 1 industrial European organisations, and by 2 Japanese institutions: the KEK laboratory and the institute for Cosmic Rays research (CRR) of the University of Tokyo, JENNIFER ams also at cross-fertilising different communities, flavour and neutrino physicists. European and Japanese scientists, academic and industrial aporaches.

Secondments

The most important instrument of RISE projects are secondments – in the E-JADE and JENNIFER cases travels of EU researchers to Japan.

Secondment Eligibility

Eligible for RISE secondments are experienced researchers, earlyage researchers, technical staff, and managerial staff. Students can not be funded from RISE money.

ISE secondments are organised in minimum refundable time slots of four weeks. All in all 540 person-moths of secondments are foresease TE-JADE, and a similar amount of time in JENNIFER. All in all, these these numbers demonstrate the significant impact that the RISE actions can have both for individual scientific projects and for EU-Japan collaboration on a larger scale.

Secondment Reporting

ELMHOLTZ ASSOCIATION

The EU is keen on optimising the RISE conditions and regulations. Therefore, and in order to monitor the impact of the E-IADE and JENNIFER activities, a rigorour reporting scheme will be set up, focusing not only on scientific and technological achievements, but also on personal and cultural experiences.

Key points

- First milestones passed on time
- Key challenges now:
 - Staffing of CERN office at KEK using E-JADE
 - Turning communication plan into actions
 - Industry workshop (discussed this week) plan to link to conference/meeting where we add support

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Thank you very much for your attention!



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