



## RESEARCH DATA ALLIANCE EUROPE

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Authors	Irina Kupiainen, Françoise Genova, Fabrizio Gagliardi, Fotis Karayannis

### **ABSTRACT**

This document outlines the targets, activities and achievements so far, as well as the next steps planned in the Work Package 2, European Policy level engagement.

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<b>Author(s)</b>	Irina Kupiainen (CSC), Françoise Genova (CNRS), Fabrizio Gagliardi (BSC), Fotis Karayannis (ATHENA)
<b>Editor(s)</b>	Irina Kupiainen (CSC=
<b>Reviewer(s)</b>	Raphael Ritz (MPCDF), Donatella Castelli (CNR-ISTI)
<b>Contributor(s)</b>	
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## GLOSSARY

ABBREVIATION	DEFINITION
<b>ACM</b>	Association for Computing Machinery
<b>ACU</b>	Association of Commonwealth Universities
<b>ATHENA</b>	Athena Research and Innovation Center in Information Communication and Knowledge Technologies
<b>BSC</b>	Barcelona Supercomputing Center
<b>CAP</b>	CAP Digital
<b>CERFACS</b>	Centre Européen de Recherche et de Formation Avancée en Calcul Scientifique
<b>CNR-ISTI</b>	Il Consiglio Nazionale delle Ricerche; The Italian National Research Council
<b>CNRS</b>	Centre National de la Recherche Scientifique
<b>CODATA</b>	Committee on Data for Science and Technology
<b>CSC</b>	CSC – IT Center for Science Ltd
<b>DANS</b>	Data Archiving and Networked Services
<b>DCC</b>	Digital Curation Centre
<b>DKRZ</b>	Deutsches Klimarechenzentrum
<b>DSM</b>	European Digital Single Market Strategy
<b>ECOMS2</b>	European climate observations, modelling & services coordination & support action
<b>EDF</b>	European Data Forum
<b>EDPR</b>	EDP Renewables

<b>EGI</b>	European Grid Infrastructure
<b>e-IRG</b>	E-infrastructure Reflection Group
<b>EnBW</b>	Energie Baden-Württemberg AG
<b>ENVRI</b>	Common operations on Environmental Research Infrastructures project
<b>ERRIN</b>	Platform for information exchange on a regional basis
<b>ESFRI</b>	European Strategy Forum on Research Infrastructures
<b>EUDAT</b>	European Data Infrastructure
<b>FAO</b>	Food and Agricultural Organisation of United Nations
<b>ICRI</b>	International Conference of Research Infrastructures
<b>ICSU</b>	International Council for Science
<b>IEEE</b>	Institute of Electrical and Electronics Engineers
<b>LERU</b>	League of European Research Universities
<b>LIBER</b>	Association of European Research Libraries
<b>MPG</b>	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.
<b>NLI</b>	National Library of Ireland
<b>OAB</b>	RDA Organisational Advisory Board
<b>RDA Europe</b>	Research Data Alliance Europe
<b>RIA</b>	Royal Irish Academy
<b>SJT</b>	RDA Europe Senior Junior Team
<b>SME</b>	Small and medium enterprise
<b>STFC</b>	Science and Technologies Facilities Council
<b>STM</b>	Scientific, Technical and Medical

<b>SyA</b>	RDA Synchronization Assembly
<b>TRUST</b>	TRUST-IT Services Ltd
<b>W3C</b>	World Wide Web Consortium
<b>WDS</b>	World Data System

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## 1 Executive Summary

Work Package 2, *European policy level engagement*, addresses various policy level issues with a wide range of stakeholders at European and member state level, aiming at raising awareness and creating impact of RDA. In the current European level policy framework, enhancing entrepreneurship and innovation is a key instrument for boosting economic growth. Data is a central element in this framework, as is also research, and thus the free movement of research data in a way that boosts innovation is essential. The RDA has an obvious message to promote. Creating impact requires involvement, engagement and commitment of

- political decision makers – to create best possible conditions and legislation for supporting openness and free flow of data, ensuring not to regulate too much
- industry – to turn innovation into real products, growth and jobs
- research communities – to change the culture on the grass-root level and to engage the communities in RDA work

As the RDA Europe 2 project has laid some background for this work, it now continues seamlessly in RDA Europe 3, aiming for making impact with the following measures:

- clarifying the messages
- establishing solid networks and dialogue with stakeholders
- organizing meetings, both self – and co-organized
- engaging RDA in stakeholders' activities, becoming a part of their trusted networks

All partners will actively engage in the tasks, ensuring also national and regional level support and providing contacts to be shared in e.g. internal databases. Creating the databases on identified networks is a key part of the work in the coming months, and there are also several events already planned and prepared.



## 2 Task 2.1 Policy engagement

### 2.1 Targets

The target of task 2.1 is to raise awareness among policy makers and to influence European and national policies in order to create conditions that support RDA targets. Essential is to ensure coordination of EU level activities and a sustainable engagement of a broad range of stakeholders, creating platforms for interactions, bridging the gaps between practitioners and policy-makers.

On the European level, the current key policy framework to be addressed is the Digital Single Market (DSM) strategy<sup>1</sup>, which will influence European developments on a wide scale. Therefore it is essential for RDA to have an impact on these developments through actively engaging in the process of formulating and interpreting this strategy into practical actions across different sectors and levels. The DSM strategy builds on three pillars: better access for consumers and businesses to online goods and services across Europe, creating the right conditions for digital networks and services to flourish, and maximizing the growth potential of European digital economy. Research and innovation are key factors boosting competitiveness - thus there is a clear need for an RDA contribution. Specific topics in the DSM, that require our attention, are e.g. IPR and copyright, the European Open Science Cloud, Digitization for Research, as well as data skills as part of the digital economy and society. Influencing these strands will be a major task for the Policy engagement work, building on the work carried out in the RDA Europe 2 project. Identifying policy actors and establishing a network around dissemination of the Parliament event held under RDA Europe 2, will feed into the work of RDA Europe 3, enabling this network of European and national policy actors to be used for awareness raising and influencing also beyond the DSM.

### 2.2 Plan of activities

This task will manage and coordinate meetings and establish networks encompassing the main policy stakeholder groupings in Europe that RDA Europe must engage with.

1) **European Stakeholder Meetings:** as a flexible platform to interact with policy makers and funders at EU and member states level to reach out to as many actors as possible. This will include meetings involving officers from different General Directorates, establishing networks with Members of European Parliament and national policymakers, to raise awareness on RDA-relevant DSM-related and other topics, to inform them about RDA results and impact on European growth and job creation, presentations at concertation meetings, organising events addressing member state officials, collaboration with European infrastructure actors etc. There is also a plan to organize a policy workshop at the next European RDA plenary (P9, April 2017 in Barcelona), engaging networks that have been established so far. Building up a solid network and keeping track of current policy developments, as well as reporting and dissemination is a key part of successful stakeholder engagement.

2) **RDA/ESFRI/e-IRG Collaboration** to interact with the ESFRI and e-IRG boards to collaborate on strategic data policy issues such as interoperable/reusable data services across communities and the EU Open Science Cloud, and sense about prioritisations. This policy level

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<sup>1</sup> [http://ec.europa.eu/priorities/digital-single-market/index\\_en.htm](http://ec.europa.eu/priorities/digital-single-market/index_en.htm)

activity will complement the efforts in WP4, which will interact with the practitioners in the infrastructure and e-Infrastructure projects. This collaboration will be carried out according to relevant developments and their timing, e.g. the new ESFRI roadmap publication.

**3) Synchronization Assembly (SyA) meetings:** The role of SyA as a contractual part of RDA Europe 3, is to enable stronger synchronization of RDA Europe activities at all levels in order to disseminate key messages, react on urgent issues and agree on strategic subjects, to liaise between RDA Europe and RDA Global, and to promote the objectives of RDA within Europe and globally, ensuring also that European policy level discussions are being considered by RDA Europe. The purpose is to synchronize knowledge between all major stakeholders in RDA Europe. The SyA includes persons from RDA Europe Board of Directors, European members of RDA Global boards (ex-RDAC, Council, OAB and Secretariat), selected WG chairs, leaders of WPs in RDA Europe and selected experts from other European initiatives, such as Knowledge Exchange, RDA Europe Forum and LIBER. Interest has been raised to collaborate with e.g. EUDAT and OpenAIRE. The invited members include also representatives from the European Commission. The intention is to create a common European voice on research data matters, through a direct channel for dialogue and influencing. Furthermore, the SyA aims to create a collective RDA Europe view that the Council members can communicate to the RDA Global. This contributes as well to the transatlantic dialogue. The SyA can also be seen as a step to broaden the involvement of more stakeholders in RDA Europe discussion and decision processes. SyA with its increased representation has a chance to act as a mediator between the active community and the project to ensure that the project carries out its main task in an effective way.

## 2.3 Activities and achievements so far

Establishing the network of policy stakeholders has begun, both as a follow-up to the RDA Europe 2 Parliament event (November 2015) and also as a more general activity that has been going on already before RDA Europe 3 started, at European and national levels. RDA-relevant contacts in the European Commission and European Parliament, as well as national policy bodies, have been identified, and this work is continuing. There are already some selected contacts, which have been targeted with messages, and with whom there have been meetings and/or discussions, or attempts to arrange meetings. This work will be continued systematically, and will require contributions from each partner especially in addressing national level actors. Material containing a political message has been produced in the form of policy statements on DSM, and this serves as a tool for contacting the policy makers.

Detailed description of activities so far:

- Identifying relevant committees in European Parliament, dissemination of RDA DSM statements to them
- Identifying specific Members of Parliament (different countries and different political groupings), contacting each individually, dissemination of material and requests for setting up meetings with them
- Identifying relevant national policy makers (both political actors and civil servants), contacting and dissemination
- Beginning the preparation of a high-level policy meeting to be held in April 2016, inviting science funders, economists, stakeholders like EC, LERU, Knowledge Exchange, as well as practitioners, in order to address the issue of data as a source for innovation and to build bridges between different levels of actions.

## 2.4 Next steps

Continuing the network building and identifying relevant actors is important for laying the ground for policy activities. This work will continue as a systematic effort, and an internal database of contacts including relevant information on discussions will be set up to help partners to share information about the contacts. Meetings with policy actors will be organized, with materials for dissemination (Data Harvest report, DSM statements etc.), and meeting outcomes will be reported in WP meetings and shared database. An important element in the networking activity is interaction – the information flow does not go into only one direction, but RDA can also get useful information on policy developments from our contacts. Organizing the high-level policy meeting in April, and the next Synchronization Assembly meeting will proceed.

### Events and activities WP2 is contributing to

	M1 Sep	M2 Oct	M3 Nov	M4 Dec	M5 Jan	M6 Feb	M7 Mar	M8 Apr	M9 May	M10 Jun	M11 Jul	M12 Aug
European Stakeholder meetings									X			
RDA/ESFRI/e-IRG Meetings							X					
SyA meetings							X					X
Industry meetings												
Science meetings						X						
Planning and activity reports			X									X

## 3 Task 2.2 Industrial engagement

### 3.1 Targets

Industrial engagement is of growing importance to RDA and we need to distinguish between industrial players with much data, which are often large companies, those with smart technologies, which are often start-ups and those offering services, which can often be found in consultancies.

The ultimate goal of this action is to promote the engagement of the private sector in RDA and enhance collaboration between research and industrial communities in RDA. The experience from RDA Europe 2 shows that the private sector will only engage with RDA if there is a concrete benefit for them, and thus RDA has to offer added-value. Analysis from RDA Europe 2 shows that there is low involvement of the private sector in RDA. There is targeted interest from industry, especially from SMEs, only in WG/IGs that have a direct relation with their work, especially IT/ data analysis, publishing and agriculture. The participation of Large Enterprises is limited, as they are mostly monitoring the RDA work from a distance, and there are no large enterprises in the RDA Organisational Assembly. There are two SMEs in the Organisational Assembly.

The focused theme of RDA Plenary 6 on climate change with the related data challenges and experimentation day resulted in more effective engagement of industrial players. The main message from RDA Europe 2 with regards to the engagement of the private sector is that RDA should have a more targeted approach, either in thematic or other concrete areas. In particular, the areas of climate, data analytics and public sector information are of interest to both industry and research communities and can be good areas of focused industrial engagement.

We believe that promoting an IG/WG on climate modelling with a strong European leadership will be a welcomed contribution to the overall goals of this task. Given the strong BSC connections with industry special attention will be paid to the industrial participation in this WG.

The inclusion of the **BSC Earth Sciences** department will allow RDA Europe to profit from their industrial contacts and be able to use some practical use cases of data management issues related to this community.

Within the RDA Europe 3 partners there are relatively good industrial contacts that we can utilize on the national and regional levels, e.g. Nordic, Mediterranean, South Eastern Europe and Caucasus. A regional event will be organised and effort will be made to attract also entities from the private sector, in particular in the areas of climate, PSI and data analytics. In addition, links between OAB and the new EU Industrial Advisory Board should be provided.

### 3.2 Plan of activities

We foresee 5 major kinds of activities:

#### **1. Identify & target a European industry & SMEs group:**

##### **Industrial Engagement Database:**

The generation of a database to support this action is a fundamental activity and 2 types of database should be managed.

A). A classified database of **European industry players**, developed in RDA Europe 2 and managed by **TRUST-IT**, as a starting point (and based solely on the RDA members). The database is currently composed as follows:

ORGANISATION TYPE	NO. CONTACTS	%
IT Consultancy/Development	52	18%
Large Enterprise	39	13%
Other	85	29%
SME	113	39%
<b>TOTAL</b>	<b>289</b>	<b>100%</b>

Table 1 – RDA 2015)

Members (Nov indicating

Enterprise provenance

From month 4 (December 2015) to M7 (March 2016), this database will be expanded with more details on the type of organization and its possible interaction with RDA (potential adopter, group member, solution provider, etc.) Additionally, a further 700 qualified contacts to increase the pool of contacts to 1000 as a basis for industrial engagement activities. The contacts included will be based on a set of different parameters, including Geographical provenance and type of organization.

B). A classified database of **European industry associations or multipliers**, including SME associations, innovation clusters, national and regional enterprise agencies. This database should have at least 100 contacts by M6 (Feb 2016).

### **Targeting Industry & SMEs:**

Objective: to outline and implement a strategy to engage with the industrial sector. Over RDA Europe 2 the different messages in terms of “*what interest does RDA hold for industry?*” have already been defined in terms of three different targets:

- A.** Data owners: large companies or public sector
- B.** Technology owners: large companies, SMEs, start-ups
- C.** Trusted third parties linking actors: consultants, clusters, federations, associations, etc.

### **A. To Data owners, RDA will be relevant in:**

- International procedures and standards
- Fully committed to sustainability
- Technologies become safer
- Interoperability
- Simplified aggregation
- Resulting in speed up development

### **B. To Technology Owners RDA will help in providing:**

- International recognition
- Trusted brand for companies
- Strong tech argument to convince customers
- Internationalization of the company and speeding-up its development

### **Key Messages for Industry that RDA is ... A unique place to understand:**

- Who is working on what
- The main trends & tendencies
- Possible market / technology disruption
- R&D priorities

### **How can RDA Europe engage Industrial stakeholders?**

- Identify a set of target market sectors and map to /link with WGs & IGs e.g. Earth Science and Climate Change. **(BSC)**
- Support WP4 to create RDA Output kits (including fact sheets, best practices, etc.) targeting industry stakeholders, together with SJT/WP4.
- Involve innovation clusters and business/enterprise associations: establish a series of MoUs and have the clusters involved in the groups etc. e.g. ERRIN, DigitalEurope,
- Involve companies developing R&D collaborative projects under different conditions:
  - National & international programs
  - Open innovation
  - Collaboration with labs

## **2. Industry Meetings:**

RDA Europe will organise regular workshop(s) (either stand-alone or co-located with an RDA plenary, another RDA Europe or third-party event) specifically targeted to industry and SMEs to showcase RDA WG outputs, listen to industry & SMEs on their expectations from RDA and requirements on data issues and to offer a platform for exchange, recognition and inspiration. It will open WP4 training events to industry, but also motivate specialised training courses dedicated to industry needs.

In addition to this, a workshop will be organized in February 2016, with external partners from climate, weather and air quality communities to discuss their needs in terms of data management, sharing and curation issues which are the essence of the RDA mission. This workshop will be a starting point for RDA Europe 3 to organize collaborations between the academic sector, government institutions and the private sector that should lead to the establishment of a RDA Interest Group on Climate and Air Quality.

The intention is to create a consultative process with the community to understand the specific needs of these communities. Partners belonging both to public and private sector will be involved together with computer sciences experts in cutting-edge technologies. Companies like Racc, Applus-Idiada, Grupo OCA, MeteoSim, EDPR, EnBW, AWSTruepower active in the Earth Sciences will be involved through a network at European level and encouraged to share their knowledge and experience on data management.

Within the partners there is also expertise in company engagement in specific fields (e.g. solar energy, agriculture and health), where industrial applicability and support can be tested. Coordination between European initiatives will be improved, with e.g. the active role of BSC-ES department in consortia like ECOMS2, and there are various other networking opportunities within the partners' stakeholders.

In order to engage the most appropriate audience and facilitate expert participation, the RDA community members will be invited to join and contribute. The RDA groups working on related topics can act as multipliers. We foresee that groups like the RDA Geospatial Interest Group and the RDA Quality of Urban Life Interest Group can actively be involved in the activities.

### **3. Participating in industry specific events:**

RDA Europe will invest effort to obtain visibility at events organised by third parties through keynote presentations, panel participation, co-located workshops, exhibition stands, posters, etc. This activity will increase visibility and awareness of RDA activities, and result in increased RDA membership as well as involvement of European industry representatives in RDA Working and Interest Groups.

A sample of the type of events considered includes:

<b>Title</b>	<b>Date</b>	<b>Location</b>	<b>RDA EU Participation</b>	<b>URL</b>
<b>CLOUDSCAPE2016</b>	8-9 March 2016	Brussels, BE	Presentation on Outputs	<a href="http://www.cloudscape-series.eu/Pages/Home.aspx">http://www.cloudscape-series.eu/Pages/Home.aspx</a>
<b>NETFUTURES 2016</b>	20-21 April '16	Brussels, BE		
<b>PRACEdays16</b>	10-12 May 2016	Prague, CZ		<a href="http://www.praceri.eu/pracedays_16">http://www.praceri.eu/pracedays_16</a>
<b>EDF2016</b>	29-30 June '16	Eindhoven, NL	Presentation at the plenary or parallel tracks and poster presence	
<b>eInfra Community Meeting</b>	26-30 Sept '16	Krakow, PL		
<b>ICRI2016</b>	3-5 Oct '16	South Africa		



In addition, national level contacts and experience will be utilized and scaled to regional level. Participation to EDF 2016 and ICRI 2016 are also good opportunities.

#### **4. Promoting Industrial Participation in RDA through the Organisational Assembly and Organisational Advisory Board**

Within RDA, membership in the Organisational Assembly (OA) and Organisational Advisory Board (OAB) are an important way for organisations to engage directly with RDA (<https://rd-alliance.org/groups/rda-organisational-advisory-board-oab.html>). There are some key persons from the RDA Europe partners in OA, OAB and the Secretariat, and they will play a central role in these activities. Currently there are almost 40 members of the OA (<https://rd-alliance.org/organisation/rda-organisation-affiliate-members.html>) although only a minority of them are from the industrial sector. The European Organisational Members are: ACU, BSC, CAP Digital, CSC, DANS, DCC, EGI, Euroforum, EUDAT, Eurisy, German Data Forum, STM, Liber, Netherland e-Science Center, Quivivo, STFC and Web Science Trust.

A new initiative is about to be started within the OA to develop the value proposition for and engagement with Organisational Members. This will address how the OAB can contribute to RDA and how organisations receive benefits being members. This group will be led by Jamie Shiers of EIROforum (and CERN) with support within Europe from **BSC**, DCC, **CSC** and **STFC**. This will hopefully bring greater engagement with RDA from the industrial sector in Europe.

#### **5. Creation of an Industrial Advisory Board**

An **Industrial Advisory Board (IAB)** will be established, composed of key industry representatives, with contributions from all partners. This IAB will provide RDA EU with industry based insights, promote RDA activities and outputs to the industrial ecosystem and foster industrial engagement within RDA. Linking between IAB and the RDA OAB is crucial, and all the above institutions and individuals involved in OAB will contribute in this effort.

### **3.3 Activities and achievements so far**

- Participation of RDA in the European Data Forum 2016 conference via a poster presentation in Luxemburg in November 2015.
- Dissemination activity at important community meetings (F. Gagliardi invited talk on RDA at CGW15 in Poland October 2015 and at CloudScape Brazil 2015).
- Participation and intense networking activity at the RDA-P6 conference where the idea for an IG/WG for climate modelling was first launched.
- Connection established with WP4 (Donatella Castelli, Costantino Thanos) to explore organizing a major workshop to bring together practitioners, computer scientists and SMEs in 2017.
- Start collecting material from all stakeholders for the initial report.
- A list of selected workshops and conferences including industrial attendants has been established so that we can attend and represent RDA there.



### 3.4 Next steps

- Producing leaflets, in collaboration with **TRUST IT** to promote the IG (and eventually the WG) on climate modelling and disseminate information about its creation and its objectives.
- Creating a consultative process with the community to understand the specific needs of these communities. Partners belonging both to public and private sector will be involved together with computer sciences experts in cutting-edge technologies.
- Companies like *Racc*, *Applus-Idiada*, *Grupo OCA*, *MeteoSim*, *EDPR*, *EnBW*, *AWSTruepower* active in the Earth Sciences will be involved through a network at European level and encouraged to share their knowledge and experience on data management. In addition to the refinement of the classified database of European industry players, developed in RDA Europe 2, collaborations with the CERFACS (Toulouse, France) and DKRZ (Hamburg, Germany) which are already involved in RDA activities will help to raise awareness about RDA.

## 4 Task 2.3 Research engagement

### 4.1 Targets

The target audience of Task 2.3 is the research community. The aims are threefold:

- To inform the research community about RDA objectives, activities and outputs;
- To engage individual scientists, scientific communities from a given discipline, laboratories, to participate in the RDA, either by joining existing Working Groups or Interest groups, or by creating Groups to tackle domains of interest for them which are not yet dealt with in the RDA;
- To identify on a case by case basis outputs of interest and eventually the support needed.

For these activities, engagement of all partners is required. They have the knowledge of and relations with research organisation and research domains, and are requested to identify relevant activities

### 4.2 Plan of activities

The task includes 3 major activities.

#### **a. Annual “Leading Scientists” Workshops, the so-called “RDA-Europe Science Workshops”**

*One main task is planning and organising annual workshops with leading scientists and formulating a high-level report in collaboration with a hosting partner.*

A Workshop gathering “leading scientists” from all over Europe will be co-organised each year by RDA Europe, in partnership with an European Research Organization, based on the model of the two Workshops organised by the previous RDA Europe projects, in partnership respectively with the Max-Planck Gesellschaft in 2014 and CERN in 2015.

RDA Europe 3 partners are polled for candidate organisations to host the workshops, which gather a limited number of participants (between 15 and 20 scientists, plus a small number of RDA Europe 3 representatives), to facilitate discussion and interactions. RDA Europe 3 partners, the hosting partner, projects such as the ESFRI projects and participants of the previous Workshops, are polled for nominations of possible candidates. A list of participants is established by WP2, taking into account disciplinary, country and gender balance, and submitted to the Board of Directors for approval. The main emphasis of the workshops is discussion.

The first Science Workshop of RDA Europe 3 will be organized in 2016 with the CNRS in Paris. The Workshop organization is shared between RDA Europe 3 and CNRS *Direction Information Scientifique et Technique* (DIST, in charge of Scientific and Technological Information at CNRS). Two other Science Workshops will be organized, during spring 2017 and spring 2018 respectively.

## **b. Participation in domain specific events**

*RDA Europe will invest much effort to obtain visibility at events organised by third-parties through keynote presentations, panel participation, co-located workshops, exhibition stand, posters, etc.*

This activity should involve all the partners of RDA Europe 3, and is interfaced with the activities of the so-called "Senior-Junior Team" (SJT), operating under WP4. The background for this is the acknowledged need for "RDA Ambassadors", making use of the knowledge collected in WP4. This is carried out through SJT, which develops a knowledge base targeted in particular at RDA outputs, and provides training and dissemination material. The need to engage the next generation of scientists had also been pointed at, and this is well taken into account in the "Senior-Junior Team" concept. The SJT does involve junior and senior project participants, which allows exchange of knowledge and rapid development of expertise.

These activities are of course not limited to SJT members. All partners are invited to be proactive and to participate in events, including "global" domain events organised in other regions than Europe since most scientific communities are now global and these events are a good vehicle to engage whole communities. All partners have access to the SJT knowledge base and can use it as needed. Relevant events are identified by RDA Europe 3 partners, and the partner also defines the type of activity to perform.

The events are listed, together with the kind of participation, specific material developed, etc. in the "External Event" list maintained by the project. A partner performing an activity in a domain specific event is asked to report in the External Event list. Care is taken to identify the activities pertaining to "training and support" (SJT/WP4) from the ones under Task 2.3. A case by case discussion is engaged when useful between the event participant, Task 2.3 and WP2 and WP4 Leaders to determine the proper event affiliation.

## **c. Co-organisation of European level joint events with global initiatives**

The aim is to co-organise joint events in Europe with global initiatives such as IEEE, W3C, CODATA, ACM, etc., seizing opportunities of meetings organised by these organisations at the European or national level. The relations with these organisations at the global level are managed by RDA Global.

This activity will be performed in close interaction with WP3, because it deals with global organisations directly interfaced with RDA Global, and WP4, because it can involve the SJT. Task 2.3 and WP3 will exchange information about possible events to tackle and RDA Europe 3 participation in relevant events. The information will be transmitted to RDA Global at the adequate levels (Secretariat, Organisational Assembly and Advisory Board, Technical Advisory Board).

The first step is to identify contact persons for the organisations and to complete the list of target organisations. Some contact persons are already known, and several organisations involved in RDA activities are already identified to be added to the list, for instance ICSU World Data System (WDS) and the FAO. WP2 partners are polled for additional organisations and contact persons and the Board of Directors will be asked to check and eventually complete the list.

The initiative of the activities will then rely on the identified contact persons. The events will be tracked in the "External Event" list.

### 4.3 Activities and achievements so far

The two first activities have been in transition from the previous RDA Europe projects, taking also fully into account the RDA Europe 3 landscape and the relations to establish with the other RDA Europe 3 Work Packages as shown in the previous section.

The organisation of the 2016 Science Workshop is the current priority. It begun during the previous project and the discussion with CNRS involved the Directeur Général Délégué à la Science (DGDS, who appears just below the CNRS President in the CNRS organisational chart). The topic for this year is "Big and Small data".

A long list of nominations for participants has been gathered from the ESFRI projects, science domains, and participants in the previous workshop. The Board of Directors was also asked to provide names before summer 2015. CNRS proposed several names. A short list was finalised and shared with the Board of Directors. A first set of possible participants was contacted and their answers are gathered. The aim is to hold the Workshop in February 2016 but the date may be slightly adjusted to optimize participation.

Participation in domain specific events is also still shared with the previous RDA Europe project, since these participations are sometimes foreseen long in advance. The "External Event" list keeps track of all the events with RDA Europe staff participation. Events held since the beginning of the RDA Europe 3 project include:

- A talk at the SoBigData Kick-off meeting (Pisa, Italy, 23 September 2015)
- A keynote talk at the "Data Analytics and Management in Data Intensive Domains" conference in Obninsk, Russia ([http://www.damdid2015.iate.obninsk.ru/en/overview\\_short.html](http://www.damdid2015.iate.obninsk.ru/en/overview_short.html))
- A RDA poster presented at the XXVth Astronomical Data Analysis Software and System, (Sydney, Australia, 25-30 October, <http://www.caastro.org/event/2015-adass>), which will be accompanied by a paper published in the Conference Proceedings. Material developed for this event provides an example of a RDA poster customized for a domain specific event: it lists the RDA activities of particular interest for the specific audience, in that case, astronomical data providers.
- Presentation of the RDA status and discussion of DOIs in the International Virtual Observatory Alliance (IVOA) Interoperability meeting held after the ADASS meeting (Sydney, Australia, 29 October-1 November 2015, <http://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpOct2015>), supported by RDA Europe 2.
- Participation in the ENVRI week (Prague, Czech Republic, 16-20 November 2015, <https://envriplus.manageprojects.com/s/notebook/MUc0ZRWB5WTNs>) and organisation of and RDA & EUDAT event within the ENVRI week (<https://envriplus.manageprojects.com/s/notebook/MUc0ZRWB5WTNs/page/184>)

The RDA is also cited incidentally in talks focussed on other subjects, which are not systematically kept track of, e.g. at the end of the invited talk "Data Access, Discovery and Interoperability in the European Context" dealing as required by the organisers with the European Virtual Observatory, presented during the Science Operations 2015 Conference organised by ESO and ESA in Garching (Germany) in November 2015 (<https://www.eso.org/sci/meetings/2015/SciOps2015/program.html>). These citations are not systematically recorded.

The activity towards European events organised by global initiatives is being set up. The interface between Task 2.3 and WP3 was discussed, and the paths for information exchange, also with RDA Global, established. The next step (on-going when this report is written) is to gather the necessary information from the partners as explained above.

#### 4.4 Next steps

The first RDA Europe3 Science Workshop will be held early 2016, and the organisation of the next one will begin immediately thereafter by opening a Call to identify the hosting partner and by asking the participants to nominate possible participants for the 2017 Workshop.

Foreseen participations in domain specific events already include presentations at different levels, e.g. a presentation on the RDA DSA/WDS work on Certification of Data Repositories at the Plenary meeting of the InterPôles Working Group, which gathers at the national level in France the teams working in "thematic data poles" covering the different fields of Earth Sciences (Paris, France, 20-21 January 2016), or the organisation of a RDA Workshop at the Digital Humanities Conference (Krakow, Poland, 12-16 July 2016, <http://dh2016.adho.org/>).

The contact persons with global initiatives will be polled for events organised in Europe and asked to get in touch with the initiatives to envisage the organisation of common events. It is worth noting here that at the Global level RDA Plenary 8 will be organised in partnership with CODATA and the WDS in the USA in September 2016.