

Policies and Strategy

Contact person :

Objectives:

WP2 will review and subsequently formulate the strategy necessary for the creation of a sustainable global e-infrastructure of A+M data that is accessible to all potential categories of users. This work package handles Objectives O1 and O4.

WP2 has a co-leadership between OBSPARIS and OU.

WP Lead:

Description of work:

Defining a roadmap and international strategy for collaboration, dissemination means i) that we need to discuss and find political agreement with existing international bodies, with publishers [Task 2]; ii) that we need to discuss and find political agreement with all the non-ERA partners, external partners, associated partners [Task 3]; iii) that we need to address the legal aspects of a global organisation [Task 3]. The production of this WP is an international organisation able to identify VAMDC as a common "brand" where databases of different countries can be inter-operable and accessible and where the pb of Open-Science is addressed together with sustainability.

The outcome of WP2 will be a Roadmap for the implementation of this strategy that will lead the international A+M data community and provide a service (exemplar) to the wider scientific, technology, education, and citizen science communities using e-infrastructures. WP2 is the policies work package, and uses results of the technical discussions/organisations/tutorials occurring in WP3 and WP4.

WP2 will operate through e-mail, visits, teleconferences and the organisation of few working/interest/expert meetings that will prepare the documentation necessary for the production of the roadmap.

Tasks:

Task 1: Coordination of WP2

A WP2 Board formed of all WP2 partners and chaired by the WP2 leader (OBSPARIS is leader, with co-leader OU) will have bi-monthly teleconference meetings. It will coordinate all the activities within WP2 providing a monthly report on all WP2 activities (to be accessible via the website).

The Board will be in charge of defining the WP2 Plan (ID2.2) and, should it be necessary, revise the plan for WP2 (ID2.3) as the project develops. The Board will also prepare Year 1/Year 2

WP2 reports (ID2.4 and ID2.5) to be included in Year 1/Final Reports to EU.

Review Committee (Year 2)

A Review Committee will be established composed of a proportion of the WP2 Board and members nominated by the Project Board at the first annual meeting. The Review Committee will analyse the achievements of SUP@VAMDC in Year 1 and will meet in mid-year 2 in order to assess the effectiveness of the strategy developed within WP2 in order to advise on the structure and content of the final roadmap.

The Review Board will be composed of influential international scientists, producers and users of data, databases and software experts as well as representatives from international standardisation organisations, with interests relevant to the project, but who are independent of it. It will also ensure that the project is engaged with and responsive to developments in Europe and non-EU countries.

Task 2: Policies/Strategy related to O1: Developing Partnerships (Lead: OU, UCL, UCAM)

Task 2 will develop the strategic framework necessary for the VAMDC e-infrastructure to approach and engage with existing international bodies/committees/networks dealing with the production, evaluation and dissemination of A+M data. The initial targeted partners are the Data Centres Network coordinated by our associated partner the International Atomic Energy Authority (IAEA), the Atomic Data and Analysis Structure (ADAS) network, the Asia-Pacific Atomic data Network (APAN) (of which our external partners from Australia and India are co-founders) and IUAPAC. Further scientific networks will be identified during kick-off period and approached during Year 1.

Another key group of stakeholders are the academic publishers since they are the major disseminator and repository of A+M data. WP2 by engaging with a set of publishers (representing both purely commercial ventures (Springer) and learned Societies (IOPP and RSC) will provide exemplars of how e-infrastructures can establish working relationships with publishers including methodologies for ensuring that authors are recognised (cited) when their work is downloaded from the databases. The latter is also important in demonstrating the importance of data to the funders of academic A+M research.

Task 3: Policies/Strategy related to O1: Developing a global A+M e-infrastructure (Lead: OBSPARIS)

Task 3 will develop the strategic framework necessary to achieve a international coordination structure that will include a large number of countries and regions, taking into account the specificities of the geographical dispersion, of the different needs and cultural environments. The strategy will be developed with all SUP@VAMDC partners/external/associate partners, including participation from the VAMDC consortium.

A starting point for such a strategy would be to establish National or Regional Atomic and Molecular Initiatives, linked together to form an International Atomic and Molecular Initiative where the extended VAMDC e-infrastructure will be a vehicle for the exchange and dissemination of A+M data towards a wide audience.

The strategy will develop the necessary policies and strategy that will review the challenges and promote trust building in creating open scientific data e-infrastructures both in the ERA and (where possible) outside the ERA. It will analyse organisational, operational, legal and technological aspects, including authentication, authorisation and accounting (AAA) as well as the licensing and tools necessary for creation of an OPEN VAMDC model.

This task will lead to the establishment of the roadmap that will describe the organisation of activities/services versus the organisation of responsibilities versus the manpower and funding that will sustain the VAMDC Consortium.

In addition an MoU will be designed and signed by the time of the SUP@VAMDC Final Review. This MoU is added as a deliverable to WP2. This MoU will answer the following KPI:

[KPI.MoU.1] Ability to answer issues related to organisation, memberships, intellectual property, access rights, governing structure, liability

[KPI.MoU.2] Ability to answer calls through support from MOU members offices in order to maintain financial stability, administrative management legal authorisation

[KPI.MoU.3] Identification and simplification of background of MoU (foreground of VAMDC and SUP@VAMDC project)

[KPI.MoU.4] MoU guaranties availability of essential component of the infrastructure

Task 4: Annual Meetings (lead by OBSPARIS, all partners)

The Annual Meeting will be composed of a one-day review of the achievements of the preceding year and the EU is invited to send reviewers to attend this review. The Annual Meetings will include meetings of the Project Board, of the EPT and of the different WPs Boards. Due to the geographical reach of the collaboration, we will minimize travel costs by holding meetings with external partners, Higher Education, Associations, panels of users and producers, SMEs and tutorial sessions on the more technical support of VAMDC infrastructure at the Annual meeting.

Deliverables : [*SUPP: Policies and Strategy*](#)

Milestones : [WP2](#)