Update Process of BDV Strategic Research and Innovation Agenda

The **BDV Strategic Research and Innovation Agenda (SRIA)** defines the overall goals, main technical and non-technical priorities, and a research and innovation roadmap for the European contractual Public Private Partnership (cPPP) on Big Data Value. The SRIA explains the strategic importance of Big Data, describes the Data Value Chain and the central role of Ecosystems, details a vision for Big Data Value in Europe in 2020, analyses the associated strengths, weaknesses, opportunities and threats, and sets out the objectives and goals to be accomplished by the cPPP within the European research and innovation landscape of Horizon 2020 and at national and regional levels.

How was the BDV SRIA developed? A wide range of stakeholders have contributed to the initial version of the SRIA. It is built upon inputs and analysis from SMEs and Large Enterprises, public organisations, and research and academic institutions. They include suppliers and service providers, data owners, and early adopters of Big Data in many sectors. Multiple workshops and consultations took place to ensure the widest representation of views and positions including the full range of public and private sector entities. These have been carried out in order to identify the main priorities with approximately 200 organisations and other relevant stakeholders physically participating and contributing. Extensive analysis reports were then produced which helped both formulate and construct this SRIA.

How will the SRIA be updated? The Big Data Value Association (BDVA)[1] is responsible for providing regular (yearly) updates of the SRIA defining and monitoring the priorities as well as metrics of the cPPP. The purpose of the update is to understand whether the SRIA – e.g. the technical and non-technical priorities -- needs to be changed.

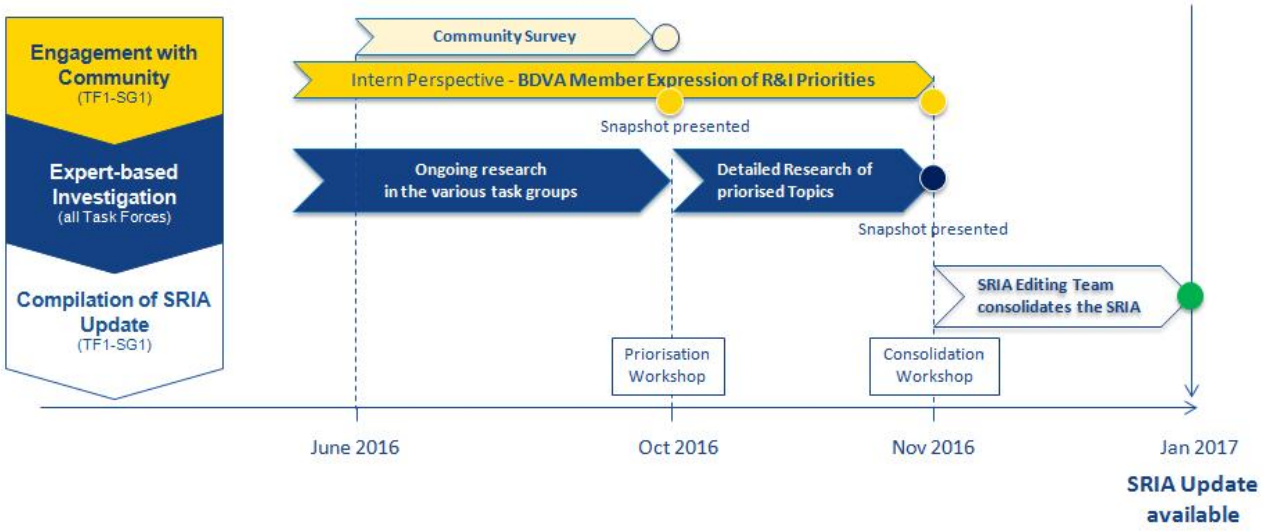

Figure 1 Overview of the annual SRIA Update Process

[1] In order to establish a contractual counterpart to the European Commission for the implementation of the cPPP, the Big Data Value Association, a fully self-financed non-for-profit organisation under Belgian law, was founded by 24 organisations including large, SMEs and research organisations.

The purpose of update is **to understand whether the SRIA** – e.g. the technical & non-technical priorities -- **needs to be update?**

- How important are the priorities already covered in the SRIA?
- Are there other priorities relevant for BDV? How important are those priorities?

Engagement with the community

Within the update process we engage with the **a) BDVA members** as well as **b) the wider community** to ensure a comprehensive perspective concerning the technical and business impact of the SRIA technical and non-technical priorities as well as to identify emerging priorities with high impact.

For engaging with the internal and wider community, two parallel interaction streams have been set up

a) BDVA Member Expression of Interest:
   - Each BDVA member is requested to express interest of research and innovation activities once a year (only one consolidated vote per member organization will be reflected)
   - We do not have a fixed deadline (in order to be able to include new members as well) but ask members to provide your contribution the earliest possible.
   - On a regular basis we take snapshots summarizing BDVA members interest at a particular point in time.

b) Community Survey:
   - The community survey is open to everybody and open from June to November
   - The consolidated votes of the wide community will establish an important outside perspective.

The results of both community engagement streams will

- provide insights about the relevance of covered SRIA priorities
- highlight emerging topics that required detailed analysis

Expert-based Investigations

The BDVA has established task groups for all technical and non-technical priorities. The task groups are continuously working in order to produce related state-of-the-art analysis or working papers.

In accordance to the outcome of the community engagement process, the particular task groups are consolidated in order to discuss in which detail and scope the SRIA needs to be updated. A dedicated ***priorisation workshop*** will be organized. In accordance to the common agreement, the task groups will conduct state-of-the-art research and provide recommendation for SRIA updates on the agreed priorities.

How to participate?

Community Survey

As described before, the BDVA is launching **a community survey for monitoring** the BDV Strategic Research and Innovation Agenda (SRIA). The objective of the community survey is to engage with the wider community to ensure a comprehensive perspective concerning the technical and business impact of the SRIA technical and non-technical priorities as well as to identify emerging priorities with high impact for the European big data economy. The results of the community survey will be used as input for the regular SRIA update.

If you are an expert, interested or working in the European big data economy, we invite you to share your opinion by answering the short questionnaire on http://bdva.sirap.sgizmo.com/s3/ or on the website www.bdva.eu

The survey should not take longer than 10 minutes and is open **until 10. October 2016**