EuroVO-AIDA Project
Risk Register
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Risk management of the networking activities

RISK	CONSEQUENCES	REMEDIAL ACTIONS
Risk NA-R1: **Different requirements and needs between European and other international partners about IVOA standards** Likelihood of occurrence=2 Impact=3 Risk Factor = 6	Through AIDA coordination, European partners will bring to IVOA interoperability meetings European requirements and needs for defining IVOA protocols and standards. If they differ from the ones of other IVOA international partners, the AIDA output may be limited..	AIDA partners represent the several of the driving forces within IVOA (together in particular with the USA, Canada and Japan), therefore AIDA partners requirements and need are very likely taken into account for the definition of the IVOA protocols and standards. Furthermore, through the AIDA project, European partners will now appear as a coordinated "force" which will give even more weight to the European partners needs and requirements.
Risk NA-R2: **Transition between other projects and EuroVO-AIDA** Likelihood of occurrence=2 → 1 Impact=3 **Risk Factor = 6 →3**	The AIDA project will highly benefit from the outputs of previous FP6 complementary projects like VO-TECH and Euro-VO DCA. The effectiveness of the AIDA project therefore depends somewhat on the success outputs of these previous projects and on the proper organisation of the transition between the projects.	AIDA partners are also quite involved in these previous FP6 complementary projects and therefore are fully aware of the importance of their success as inputs to the AIDA project. Furthermore, the transition and knowledge transfer between these projects and AIDA can be organized relatively smoothly by the partners, including some manpower resources transfer, depending of the starting date of the AIDA project. Comment (BOARD1–17/03/2007): The likelihood is lowered from 2 to 1, as this was the aim of the 1st Board meeting and since transition between the two projects will be taken into account in the Project Plan.

Risk NA-R3: **The VObs is not yet well known in the Scientific Community** Likelihood of occurrence=2 Impact=3 **Risk Factor= 6**	Although WP2-3 Community Outreach will make sure that the VObs is well advertised to the Scientific community, some scientists are still not yet convinced of its utility or have a confuse idea of how the VObs could be useful for their science.	AIDA partners should prepare clear on-line science cases examples demonstrating how the VObs can be used for daily astronomy science. Furthermore, list of refereed papers should be given on the project web site, as this will be the best "proof" that the VObs is in use.
Risk NA-R4: **Lack of convergence between the scope of the workshops and the real needs of the communities** Likelihood of occurrence=1 Impact=3 **Risk Factor = 3**	If the scope of the technical and scientific workshops is too vague or too general, not in line with the real needs of the VObs technical and scientific communities, there will be few attendances to these workshops and their impact will be limited.	AIDA partners are involved in VObs projects since the early days. They are data providers who want to publish their data holdings into the VObs, and they also have scientists who are doing science with the VO. Furthermore, through advice from the Euro-VO SAC and the AIDA IST and WPMT, it shall be easy to identify the needs and requirements for such workshops so there is little risk that the scope of these workshops is not adequate.

Risk management of the Service Activities

RISK	CONSEQUENCES	REMEDIAL ACTIONS
Risk SA-R1: **Not enough manpower to perform the Service Activities** Likelihood of occurrence=3 Impact=3 **Risk Factor = 9**	Some of the tasks within these Services Activities could require more manpower that what is currently planned. For example, VObs scientists may define VObs Science cases that would require developing a tool that does not exist and there is no real manpower with AIDA to cover such new development. In that case, the output of these AIDA services activities could be limited by the funded and contributed manpower.	Services Activities will then have to be prioritized taking into account inputs from the AIDA Board and the IST to make sure resources are directed first to what is more important. Partners could seek through their own funding to increase their contributed manpower to be able to cope with the extra manpower required.

Risk SA-R2: **Quality of the VObs resources in the Euro-VO central registry** Likelihood of occurrence=3 Impact=3 **Risk Factor = 9**	For the time being, the VObs resources put in all IVOA registries are not "checked" so their quality is unsure. If these VObs resources do not work, the VObs applications accessing them will not work well either.	By having a central Euro-VO Registy of VObs resources, it becomes easier to check the validity of these VObs resources. By building a Curation tool for these VObs resources, the quality of the Euro-VO Registry will be improved. Therefore, the central Euro-Registry shall ensure VObs application developer can access these valid and working VObs resources.
Risk SA-R3: **Lack of interest of the Scientific Community for the VObs** Likelihood of occurrence=1→2 Impact=4 **Risk Factor = 4→8**	If the Scientific Community does not buy in the VObs and does not use its application, the EuroVO-AIDA project will become quite unuseful.	Through the Euro-VO SAC and the EuroVO-AIDA IST, the EuroVO-AIDA project will make sure to stay close to the Scientific Community and deliver framework and tools to meet this community's needs. By increasing the outreach and dissemination of the EuroVO-AIDA activities, we can ensure that the VObs is advertised to the Scientific Community and therefore brings added-value and new tools to benefit the Science in Europe. Comment (BOARD1–17/03/2007): The prototype 2007 Euro-VO Research Initiative was not successful. Mitigation actions have been discussed during the meeting.

Risk management of the Joint Research Activities

RISK	CONSEQUENCES	REMEDIAL ACTIONS
Risk JRA-R1: **Not enough manpower to perform the Joint Research Activities** Likelihood of occurrence=3 Impact=3 **Risk Factor = 9**	By their nature, most of the tasks within these JRAs could require more manpower, or more tasks could be performed if more manpower would be available. In that case, the output of these EuroVO-AIDA joint research activities could be limited by the funded and contributed manpower.	Joint Research Activities will then have to be prioritized taking into inputs from the EuroVO-AIDA Board and the IST to make sure resources are directed first to what is more important. Partners could seek through their own funding to increase their contributed manpower to be able to cope with the extra manpower required. Partners could also seek through further FP7 calls the way to increase the manpower for these joint research activities specially to coordinate closer with other communities.

Risk JRA-R2: **Different needs and requirements amongst AIDA partners wrt IVOA protocols and standards** Likelihood of occurrence=2 Impact=2 **Risk Factor = 4**	EuroVO-AIDA partners may have different needs, requirements and priorities in defining IVOA protocols and standards. That may lead to difficulties in coordinating the JRA activities amongst the partners and to bring consolidated inputs to the IVOA working groups.	First, it is important to notice that the diversity brought by the partners is also to be seen as an important asset of the project. Partners bring different views, requirements and priorities which makes the European added value when they are brought together and coordinated. Through regular meetings (Technology Forums), this diversity and this synergy will be discussed in order to coordinate it at European level before presenting it to other international IVOA partners. If needed, with advice from the Euro-VO SAC which gives external scientific oversight and from the AIDA IST which provides a closer regular scientific interaction, through decision by the EuroVO-AIDA Board, priorities could be set to use JRA resources optimally.