The 1st annual meeting in FP7-eNanoMapper was attended by representatives of all eight projects partners (DC, NTUA, IST, IDEA (organizer), KI, VTT, EMBL and UM) and also by the Project Technical Adviser, Dr. Cedric Notredame. During the first day of the meeting various technical and administrative issues were discussed, while the second day was dedicated to presentations on WPs' achievements by M12 and the plans for the next period. In the last day of the meeting few open issues were addressed and the final conclusions were made. Read more…

1st Annual Meeting
25-27 February 2015 (Sofia, Bulgaria)

WP1 - COMMUNITY OUTREACH

The main objective was to establish various mechanisms for a good collaboration between eNanoMapper and the nanotechnology community and also to ensure an effective feedback on its objectives. The main achievements include reaching out successfully to the community in Europe and USA, establishment of different collaborations, creating of a short list of personas, identification of fifty-five use cases and establishing an overall systems design. Read more…

WP3 - DATABASE DEVELOPMENT

The main achievements include the eNanoMapper prototype database featuring a flexible data model based on an exhaustive review of existing nano related entries in chemical and toxicogenomic databases. The database REST API enables user friendly interface and programmatic interaction. WP3 also developed import tools for different formats (OECD HT, CSV, RDF), and a generic configurable Excel parser enabling the import of the data stored in spreadsheet templates. Read more…

WP5 - APPLICATION DEVELOPMENT

WP5 set-up the base for the user applications: authentication and authorization services were established, a Bugzilla issue tracker system was set-up to coordinate all major open topics and an application was established to import NanoSafety cluster data. Further, WP 5 participated in, and integrated activities of other WPs to establish a base for developing, testing, releasing and delivering applications to the nano safety community: planning for an integrated testing system of WP1 and the work on a continuous application integration, testing and release system. Read more…

WP2 - ONTOLOGY DEVELOPMENT

WP2 has worked towards releasing an initial version of the eNanoMapper ontology. To achieve this objective, we have identified external content for re-use and developed a pipeline for the re-use and integration of modules of external content. During the annual meeting, the initial ontology release was reviewed and our plans for the further development of the ontology, as well as use of the ontology in database annotation, were discussed. Read more…

WP4 - ANALYSIS & MODELLING

WP4 has defined the technical specifications of the eNanoMapper analysis and modelling infrastructure. Tools and methodologies were developed for deriving descriptors from quantum mechanical calculations, microscopy images and omics data. OpenTox algorithm and modeling services were modified and extended to increase efficiency and improve functionality. During the annual meeting, we reviewed the work from the tasks above and discussed further developments; in particular, we presented our progress with modelling services, the descriptor calculation tool from microscopy images, an R tool for predictive modelling, a novel methodology to integrate proteomics data with gene ontology information, and discussed and agreed on API adjustments and extensions. Read more…

WP6 - DISSEMINATION & TRAINING

The activities of WP6 were focused on the development of a visual identity, online tools for dissemination & communication, organizing and participating in scientific events and also in activities related to the EU Nanosafety Cluster community. The dissemination activities will be continuously developed and updated (e.g. tutorials), once the project releases new tools to be used by the scientific community. Read more…

WP7 - MANAGEMENT

The management team facilitated the communication and information exchange between project partners, set-up meetings and coordinated the collaboration agreements established with other EU projects. Read more…

See you in February 2016!

www.eNanoMapper.net

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