

Data Storage provision with HSM



Nadia Tonello Head of Data Management, BSC



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BSC - Barcelona Supercomputing Center













Access: marketplace.eosc-portal.eu

BSC multidisciplinary shared storage

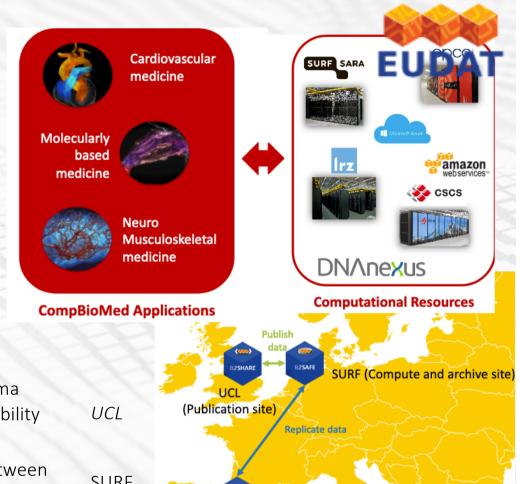






Development of a data management workflow to facilitate simulations using large datasets and for Exascale simulations.

Promote the access to the workflow to different HPC (e.g.: LRZ, EPCC), research and medical centers in the future.



(000) B2SAFE

Data Repository for data publication. Metadata schema Integrated with B2FIND for harvesting data and findability

Data staging and safe replication of research data between HPC centers, on tape that facilitate long-term preservation of the data.

SURF. BSC



VA services provision

	Service	Access
During	 HSM storage mid/long term (+computing) Typical Project size: 10-100 TB Possibility to provide B2SAFE under request B2DROP access only for BSC new projects 	Virtual Access: 500 TB per day total HSM storage Granted until the end of the DICE Project (mid 2023) Direct request: datamanagement@bsc.es





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 Pure storage Data services Storage + computing for data exploitation 	PEER-REVIEW mechanisms: - FENIX ICEI / EC calls - Spanish Supercomputing Network calls







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Nadia Tonello

nadia.tonello@bsc.es datamanagement@bsc.es