IFIGENEIA

Innovative Facility for Isotope GENeration with Efficient Ion Accelerator

T1.5 Data Management

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T1.5 Data Management

The Data Management Plan will outline:

- Generated project data
- Its potential utilization
- Accessibility for verification and re-use
- Its curation and preservation

Creation of Data Management Plan until M6 → Deliverable D1.3

Update of Data Management Plan in each technical Periodic Report (M15, M30, M48)

The Data Management Plan will integrate inputs from:

- Stakeholders
- Workshop outcomes
- Business engagements

T1.5 Data Management

Start Date:	**M1**	**Task Leader:**	**SHSO**
End Date:	M48	**Task Contributors:**	ALL

Del.	Deliverable Title	Lead Partner	Diss. Level	Due On
1.3	Data Management Plan	SHSO	SEN	M6

Mx	Milestone Title	Lead Partner	Mean of verification	Due On

T1.5 Data Management

A Data Management Plan:

- Describes the technical and administrative management of data
- Helps partners to recognize the risks related to data management
- Aims to avoid data loss and data breaches
- Living document, to be updated whenever there are significant changes

Partners must be committed to implement the Data Management Plan!

T1.5 Data Management

A Data Management Plan should include information on:

- The handling of research data during & after the end of the project
- What data will be collected, processed and/or generated
- Which methodology & standards will be applied
- Whether data will be shared/made open access
- How data will be curated & preserved (including after the end of the project)

T1.5 Data Management

Datasets:

- Purpose of data collection and generation
- Data types, formats and size: what types and formats of data will the project generate or re-use?
- Origin of data: what is the origin of the data either generated or re-used?
- Data utility: to whom might your data be useful, outside the project?
- Data storage and accessibility

T1.5 Data Management

Partner	WP	Name of dataset	Description	Process / Software / Method	Data format	Size	Utility	Data storage
Who created / obtained the data?	In which WP the data is created / obtained?	Title of the dataset	Short description of the dataset	What process / software or method is used to create / obtain the data?	Data formats (common fileformat should be preferred)	Approximate expected size of the data	To whom might your data be useful, outside the project and how will you make the data accessible?	Where the data will be stored?
AUTH	*WP1*	*Contact information*	*Email address of the persons involved and their role in the project*	*Manual collection*	*Spreadsheet (.xlsx)*	*<1MB*	*Only shared within the consortium*	*Data will be stored on SharePoint managed by AUTH*
AUTH	*WP6*	*Participants information from Master Classes*	*Email address of participants, their affiliation and educational background*	*Via registration forms (Microsoft Forms)*	*Spreadsheet (.xlsx) extracted from Microsoft Forms*	*<1MB*	*Only shared within the consortium*	*Data will be stored on SharePoint managed by AUTH*

T1.5 Data Management

FAIR principles: making data Findable, Accessible, Interoperable, Re-usable

Findable: Will data be identified by a persistent identifier? Will search keywords be provided in the metadata to optimize the possibility for discover and then potential re-use? Will metadata be offered in such a way that it can be harvested and indexed?

Accessible: Will the data be deposited in a trusted repository? Will all data be made openly available? If there are restrictions on use, how will access be provided to the data (during and after the project)? Will documentations or reference about any software be needed to access or read the data?

T1.5 Data Management

FAIR principles: making data Findable, Accessible, Interoperable, Re-usable

Interoperable: What data and metadata vocabularies, standards, formats or methodologies will you follow to make your data interoperable to allow data exchange and re-use within and across disciplines? Will your data include qualified references to other data?

Re-usable: How will you provide documentation needed to validate data analysis and facilitate data re-use? Will your data be made freely available in the public domain to permit the widest re-use possible? Will the data produced in the project be usable by third parties, in particular after the end of the project?

T1.5 Data Management – next steps