

ISOLDE Collaboration MoU

This presentation introduces some difficulties related to the MoU and the need for a modernized version that would be able to give a clearer perimeter of the collaboration activities and intentions.

Loose definition of Funding Agency and its representation role of collaborating institutes

Preamble (d)

Agreement to the continuation of the ISOLDE Collaboration is thus now effected through this Memorandum of Understanding (“the MoU”) between each collaborating Institute, as the case may be represented for purposes of signature by its Funding Agency, and CERN as the Host Laboratory.

The collaborating institutes are not all represented by their funding agency

In the MoU of 2016 (the one signed) french collaborating institutes are CEA/Saclay, CEA/DAM, ILL, and labs of IN2P3

The only french funding Agency is IN2P3, incapable of representation for CEA or ILL

Following my initial remark, the ISCC decided to remove from the « official » collaboration researchers from CEA and ILL. Though these are very valuable collaborators, and indeed pursue an active research at ISOLDE and HIE-ISOLDE

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Preamble (e)

Experiments at [the ISOLDE facility](#) may involve teams from any CERN Member or non-Member State and are approved by the CERN Research Board on recommendation by the Experiment Committee responsible for this part of the CERN programme, presently the ISOLDE and Neutron Time-of-Flight Committee (INTC). In making its recommendation, the INTC shall take into account the availability of any resources that the experiment may be requesting from the ISOLDE Collaboration.

There is a mix between facility and collaboration.

If we are not member of the ISOLDE collaboration, we are still able to propose experiments

Also, the physics that is addressed is enlarging beyond the scope of IN2P3

ISCC Mou perimeter : M&O of ISOLDE

Preamble (g)

An ISOLDE Collaboration Committee (ISCC) has been constituted ([Annex 5.1.1](#)), which comprises one representative of each signatory to this MoU.

Relevant coordinators and the Chairperson of the INTC are invited to attend.

The ISCC shall meet at least twice per year.

One of the roles of the ISCC is to govern the ISOLDE Collaboration in financial and legal matters.

In this respect its tasks include:

- reaching agreement on this MoU;
- approving any substantial modification or addition to the ISOLDE facility that affects the terms of this MoU;
- reaching agreement on a maintenance and operation (M&O) procedure and monitoring its functioning;

endorsing the ISOLDE Collaboration's annual construction and M&O budgets;

monitoring the Common Projects and the use of the Common Funds;

monitoring the general financial and manpower support.

Today the perimeter of activities that are funded by the common funds are not only related to the M&O but to the preparation of future upgrades that are beyond the scope of the MoU

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- Article 2.2

M&O comprises the actions needed to fulfil the Collaboration co-ordination function and to operate and keep in good working order the individual components of the ISOLDE common equipment for experiments, along with their respective infrastructure and facilities, and to dismantle them when the experiments are completed.

Annexe 6 . Common Equipment for the Experiments

REX energy upgrade

Spectrometer for REX

Renewal of Target Robots

Target disposal study & Infrastructure

RFQ Cooler

Tape Station

LIST

Financial matters presented at ISCC-Feb.2021

HIE-ISOLDE	400 kCHF
Allowances for users	80 kCHF
Administration	50 kCHF
Infrastructure	320 kCHF
Fellow	60 kCHF
Predicted BALANCE 2021	1180 kCHF

We can start investing in other EPIC-related upgrades for ISOLDE

→ Funding agencies not included in this choice that goes out of the M&O scope

Automatic renewal of the MoU

- No presentation in front of the funding agencies for the needs related to the M&O for the next 3 years
 - No proportionality of contribution the number of researchers
 - France is 5% of users (signatories)
 - Germany 30% of users (signatories)
 - UK 13%
 - Belgium 11 %
 - ...
 - No impact of new parties on the individual contribution
 - If some the common fund is dedicated to prepare the future project EPIC – this has some consequence not only on the ISOLDE collaboration but also to the national (and international) other projects of nuclear physics, and should be done within a national (and international) acknowledgement. Usually, we discuss this kind of commitments within scientific council etc...
 - This is why I am asking for a better formalization of the role of the Funding Agencies in the process of the ISOLDE operation, as done in other large international collaborations.
 - With the idea that we build the future of ISOLDE together
- F. FARGET ISCC June 16th, 2021

Specific questions from Gerda

- **do you insist on re-discussing a new MoU ?**

Yes, at the time when the main upgrade of the facility is reaching an end, I think it is a good moment to reconsider the collaboration operation.

I understand that it is not a matter of finger snaps

- **do you insist on establishing a form for FRB ?**

Yes, I think that a formal validation of the choices done by the collaboration and the required commitments for the operation is needed.

If not every year, may be a formal process at the moment of the MoU renewal.

- **do you insist on a different way of calculating your yearly contribution ?**

No, but we need a validation of the use and estimation of the contribution

- **If you insist on a new MoU: specify in detail what you want to be different than in the current one.**

See above

Intentions

Our intention is not to leave the collaboration but to step aside from the automatic renewal of the MoU to find a way for a better coordination between ISOLDE evolution and projects and other national projects that IN2P3 has under responsibility.

For a stronger collaboration, and possibly commitment