

brightness²

Bringing Together a Neutron Ecosystem for Sustainable Science with ESS

H2020-INFRADEV-3-2018-1

Grant Agreement Number: 823867

brightness²

Deliverable Report: D1.1 Agenda and minutes of the Kick-off meeting



1 Project Deliverable Information Sheet

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4 List of Abbreviations

AONSA	Asia-Oceania Neutron Scattering Association
CEA	Commissariat à l'Énergie Atomique et aux Énergies Alternatives
CERN	European Organisation for Nuclear European
D.n.n	Deliverable n.n
ENSA	Neutron Scattering Association Research
EOSC	European Open Science Cloud
ERIC	European Research Infrastructure Consortium
ESFRI	European Strategy Forum for Research Infrastructures
ESS	European Spallation Source
ESS Bilbao	Consorcio Para La Construcción, Equipamiento Y Explotación De La Sede Española De La Fuente Europea De Neutrones Por Espalación
EU H2020	European Union Horizon 2020 work Programme
FZJ	Forschungszentrum Jülich GmbH
IKC	In-Kind Contributions
ILL	The Institut Laue-Langevin
ILO	Industrial Liaison Officer
INFN	Istituto Nazionale di Fisica Nucleare
iThemba LABS	National Research Foundation
LEBT	Low-Energy Beam Transport
LENS	League of European Advanced Neutron Sources
NCBJ	Narodowe Centrum Badania Jądrow
NECSA	The South African Nuclear Energy Corporation Limited
NSSA	Neutron Scattering Society of America
PSI	Paul Scherrer Institut
RI's	Research Infrastructures
StB	Steering Board
STFC	Science and Technology Facilities Council
TUM	Technische Universität München
TU Wien	Technische Universität Wien



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6 Executive Summary of the BrightnESS² Kick-off Meeting

The Kick-off meeting for BrightnESS² was held in Rome, Italy on the 15th of January 2019 and linked to two parallel meetings which took place the day before: the annual meeting of the European Neutron Scattering Association (ENSA) and working meeting of the Core Group of the League of European Advanced Neutron Sources (LENS).

ENSA represents the European user community – both academic and industrial – which is producing 50% of neutron scattering publications world-wide. Users are scientists from disciplines like physics, chemistry, biology, geology, medicine, archaeology, material science and engineering. It is the first time that ENSA participates with its own legal capacity in an international grant.

LENS marks the establishment of a new strategic consortium of European neutron source facilities with the aim to facilitate any form of discussion and decision-making process that has the potential to strengthen European neutron science via enhanced collaboration among the facilities. The facilities remain independent but agree to cooperate and initiate joint efforts supported by the Initiative in order to create an effective eco-system of the collaborating neutron facilities.

The majority of the LENS member organisations as well as ENSA are participants in BrightnESS² / WP 2. To ensure a fruitful and mutually beneficial working relation, WP 2 co-leader Andreas Schreyer invited all WP 2 participants to a first get-together on 14th January to introduce one another, align on the objectives, milestones and deliverables of WP 2.

The kick-off of BrightnESS² took place on 15th January 2019 and was attended by representatives of its 15 beneficiaries, with both the South Africa beneficiaries joining via video link. A total of 73 participants gathered presenting a valuable opportunity for the partners to explore the main objectives of the project, align their contribution and to receive information on the administrative and technical management of the Project. All guests were invited to an informal networking dinner on the evening of the 14th January, before the continuation of the kick-off meeting the next morning followed by bilateral breakout sessions for complementary work packages in the afternoon.

The meeting was opened by Fabio Bruni, Roma Tre University, and Ute Gunsenheimer, ESS Head of External Relations & EU Projects, who welcomed the gathered participants and the virtual attendees to the venue and called on European Spallation Source ERIC Director General, John Womersley, to introduce BrightnESS² and give a brief status update on ESS. Mina Koleva, EU Commission Project Officer for BrightnESS² outlined her role in ensuring the administrative and technical requirements of the EU Commission were adhered to. Ute Gunsenheimer, Project Coordinator defined the Project Overview, Goals and Objectives, BrightnESS² Project Manager, Margaret Armstrong presented WP 1 – “Project Management and Administrative Requirements” and Christiane Alba-Simionesco, ENSA Chairperson provided insights into ENSA: The Organisation and Its Delegates.

Andreas Schreyer, Director for Science at ESS, introduced WP 2 – “A Strategy to Deliver Neutrons for Europe and Beyond”. Carlo Bocchetta, Deputy Technical Director, ESS highlighted WP 3 – “IKC Management”, Sharon Cosgrove, Associate Director for Strategy, ESS presented WP 4 – “Industry and Innovation” followed by Ute Gunsenheimer presenting WP 5 – “International Outreach, Communication & Dissemination for Impact”.

7 List of Agenda



BrightnESS² Kick-off Meeting Rome, 14-15 January 2019

Monday, 14 January 2019

Private ENSA meeting, LENS meeting, and parallel ad-hoc BrightnESS² exchanges

Roma Tre University, Department of Architecture, Via Madonna dei Monti 40, 00184 Rome

- | | |
|-------|--|
| 09:00 | Arrival of ENSA Delegates, Start of Private ENSA Meeting |
| 12:00 | Lunch for ENSA Delegates |
| 13:00 | Parallel Private ENSA Meeting (continued until 17:30)
<i>Conference Room Aula De Vecchi Grande</i> |
| 14:00 | Parallel Meeting of the LENS Core Group (continued until 17:00)
<i>Conference Room Aula De Vecchi Piccola</i> |
| 16:00 | Parallel Meeting of BrightnESS ² Deuteration Pilot Partners (continued until 17:00)
<i>Address: Viale Guglielmo Marconi 446 (please note this meeting does not take place at the Department of Architecture)</i> |
| 17:30 | Exchange of BrightnESS ² WP2 Representatives Including ENSA (continued until 18:30)
<i>Conference Room: Aula De Vecchi Piccola, and later on: Bar La Licata in Via dei Serpenti 165</i> |
| 19:30 | Joint Dinner with BrightnESS ² Participants
<i>Restaurant: Luciano Cucina Italiana, Piazza del Teatro di Pompeo n. 18, 00186 Rome</i> |



Agenda: Parallel Meeting of the LENS Core Group 14 January 2019, 14:00-17:00, Rome

1. LENS Statutes
2. Structure and delegates to LENS bodies (GA, EB, WGs)
3. Agenda kick-off in Liblice
4. Progress on website, flyer, etc.



BrightnESS² Kick-off Meeting

Tuesday, 15 January 2019

Roma Tre University, Department of Architecture, Via Madonna dei Monti 40, 00184 Rome

Conference Room: Urbano VIII

- 09:00 *Arrival and Welcome Coffee*
- 09:30 **Opening and Welcome**
Prof. Fabio Bruni, Roma Tre University, ENSA Delegate
- 09:35 **Introduction and Brief Status Up-date on ESS**
John Womersley, Director General, ESS
- 09:50 **View from the European Commission**
Mina Koleva, Policy Officer, European Commission
- 10:00 **BrightnESS² – Project Overview, Goals and Objectives**
Ute Gunsenheimer, Head of External Relations & EU Projects, ESS
- 10:15 **Project Management and Administrative Requirements**
Margaret Armstrong, BrightnESS² Project Manager, ESS
- 10:30 **ENSA: The Organisation and Its Delegates**
Christiane Alba-Simionesco, ENSA Chair
- 11:00 *Coffee Break*
- 11:20 **Introduction of BrightnESS² Work Packages**
- WP 2: A Strategy to Deliver Neutrons for Europe and Beyond**
Andreas Schreyer, Director for Science, ESS
- 11:40 **WP 3: IKC Management**
Carlo Bocchetta, Deputy Technical Director, ESS
- 12:00 **WP 4: Industry and Innovation**
Sharon Cosgrove, Associate Director for Strategy, ESS
- 12:15 **WP5: International Outreach, Communication & Dissemination for Impact**
Ute Gunsenheimer, Head of External Relations & EU Projects, ESS
- 12:30 *Lunch Break*



13:30	Parallel Working Groups WP2 and WP5: <i>Define Responsibilities and Schedule for D2.1-D2.10</i> <i>Conference Room Aula De <u>Vecchi Grande</u></i> WP3 and WP4: <i>Conference Room Aula De <u>Vecchi Piccola</u></i>
15:00	<i>Coffee Break</i>
15:20	Plenary/Conclusions/Next Steps <i>Conference Room <u>Urbano VIII</u></i>
16:00	<i>End of Meeting</i>

Telephone numbers in case of need:

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- **Erika Lundqvist, ESS:** +46 72 179 23 63
- **Fabio Bruni, Roma Tre University:** +39 06 5733 7223



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brightness.ess.se
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8 Report on Implementation Process and Status of Deliverable

8.1 Day 1 - 14th January

The BrightnESS² consortium is made up of 15 established organisations and universities from 11 different countries spread over two continents. The partners have been strategically selected from Europe and South Africa for their unique expertise in research and technology. Jointly with ENSA, which represents the voice of the scientific users of neutron facilities, they cover the methodological and scientific breadth of the neutron community and are positioned well to deliver on the ambitious project goals.

The ENSA Association issued an invitation to the BrightnESS² Project to combine the kick-off meeting with their Annual Meeting at Roma Tre University to facilitate attendance of representatives of all the beneficiaries, thereby introducing the relevant working groups involved in the core activities and tasks to each other at the start of the Project. This is the first time the ENSA Association, as the user representative, covering the methodological and scientific breadth of the neutron community, is involved in an EU project with its own legal entity.

In parallel to this meeting, the LENS Core Group meeting took place, using the afternoon to scope out the statues, structure and delegates for the LENS bodies, in the initiative of the League of Advanced European Neutron Sources. LENS marks the establishment of a new strategic consortium of European neutron source and facilities with the aim, according to the charter, to “facilitate any form of discussion and decision-making process that has the potential to strengthen European neutron science via enhanced collaboration among the facilities”. The facilities remain independent but agree to cooperate and initiate joint efforts supported by the Initiative in order to create an effective ecosystem of the collaborating neutron facilities.

BrightnESS² will support the activities of both LENS and ENSA, thereby building an ever-stronger bridge between users and research facilities that generate neutrons.

The WP2, ENSA and LENS meetings provided an opportunity for introduction of the key component parts of BrightnESS²- WP 2 to come together in a collaborative manner to scope out the path forward, beginning the process of anchoring the current and future neutron network within the larger European scientific infrastructure that is already in place.



Picture 1 Joint WP2, ENSA, Task 2.3 Pilots - Meeting

The afternoon meeting which gathered the respective delegates from ENSA, WP2, - Pilots study, and the LENS Core Group was a critical event, chaired by Andreas Schreyer and the first exploration of establishing the common goals and methodology for progressing WP 2, the heart of BrightnESS². This

meeting was instrumental in providing context for the breakout meeting of WP2 & 5, the following day.

The networking dinner was held at the Luciano Cucina Italiana Restaurant and here the participants were seated in the WP groupings to allow them to continue discussion and strengthen allegiances. ESS DG John Womersley and ENSA Chair Christiane Alba-Simionesco welcomed the guests and highlighted the importance of the BrightnESS² Project in the overall confines of European neutron community.



Picture 2 BrightnESS² Kickoff Networking Dinner

8.2 Day 2 - 15th January



Picture 3 Participants BrightnESS² Meeting

Fabio Bruni, Roma Tre University, and ENSA Delegate welcomed everyone on behalf of the Hosting university. Ute Gunsenheimer Head of External Relations & EU Projects at ESS opened the meeting.

8.2.1 Plenary and intro ESS by

8.2.1.1 John Womersley, Director General - ESS



Picture 4 J. Womersley

John Womersley, Director General of ESS, welcomed the participants, presenting the European Spallation Source ERIC Project and its status at 52% completion. The key achievements of 2018 included securing the permit and then commissioning the Ion source and LEBT, completing factory acceptance tests of Moderator plug, Cryo Moderator Systems and Cryoplant, and having all instruments start Tolgate 3 process. ESS is now producing liquid helium and operating a control room on site.

The feedback from the 5th ESS Annual Review, was a recommendation to: focus ESS short-term activities on those necessary to achieve a minimum level of what they called 'Day 1 science' in order to achieve the challenging goal of delivering first science in 2023; consolidate installation plans and align resources in specific areas across ESS.

The LENS consortium objectives are well aligned with the long-term sustainability plan for Research Infrastructures of the EU Commission and will be launched jointly with ILL in Prague on 26th March. The European Commission has sent a strong signal in support of neutron scattering in Europe by

making funding available for the BrightnESS² Project. ESS will work closely with consortium partners and LENS for the benefit of a wider research community as the project moves ahead under the coordination of ESS. Building on the legacy of BrightnESS, the overall objective of BrightnESS² is to move from risk mitigation to long-term sustainability of ESS in terms of scientific, technical and socio-economic impact.

8.2.1.2 View from the European Commission, Mina Koleva,- EC Project Officer



Picture 5 M. Koleva

Mina Koleva, BrightnESS² Project Officer outlined the rules and regulations of being involved in an EU Commission H2020 funded programme. She anticipated an amendment, proposed by the EU Commission, to include the scheduling of a mid-term review which is a necessary part of the regulatory process for evaluating content and described the expected tasks for the review. She detailed other reasons which necessitate an amendment and those which do not and also the reporting structure to the Commission and the subsequent timelines for approval and various payment stages.

To this end she advised caution in the management of records supporting actual costs, the necessity of ensuring eligibility of these costs related to the action and counselled the coordinator regarding its role in managing the partners' financial distribution, highlighting that it was the responsibility of the coordinator to decide the amount a partner can claim if they overspend, the full amount reported or the budget share agreed. Ms. Koleva stressed the importance of Communication, Dissemination and Exploitation in these projects, going on to elaborate on the expected impact from the BrightnESS² Project and how it should foster international cooperation and connect to EOSC via the project PaNOSC. She closed her presentation by referencing the absolute requirement that acknowledgement of the EU funding contribution be displayed with equal prominence in all BrightnESS² material, and presentations and that publications should include the statement "The research leading to these results has received funding from the European Unions' Horizon 2020 Research and Innovation Programme, under Grant Agreement no. 823867."

8.2.1.3 Project Overview, Goals and Objectives, Ute Gunsenheimer, Head of External Relations and EU Projects - ESS



Picture 6 U. Gunsenheimer

Ute Gunsenheimer briefly provided background on the challenge, scope, budget and deadline of the INFRADEV-3-2018 call "Individual support to ESFRI and other world class research infrastructures" commenting on the European Strategy Forum on RI's report for delivering Long-term Sustainability of Research Infrastructures and the ESFRI report on neutron scattering facilities in Europe "Present status and future perspectives" and added the results from the stakeholder analysis performed under BrightnESS (2015-2018), which shows the type, number and distribution of neutron users in the European landscape.

In BrightnESS², there are 15 partners comprising 13 institutes from 10 European countries and 2 institutes from South Africa. The requested EU contribution is 4,999,592.50€ and the project will run until December 2021. BrightnESS² has the overall objective to move from risk mitigation to long term sustainability of ESS and as such ESS both supports and depends upon the long -term sustainability of neutron scattering in Europe

BrightnESS² builds on the results of BrightnESS aiming at shaping the European neutron strategy, evolving the IKC model, boosting innovation, reinforcing ESS as a global RI and delivering socio-

economic impact. Ute Gunsenheimer provided an overview over the decision-making mechanism, the management structure of the consortium as well as the external Advisory committees: the ESS Council, the In-kind Review Committee and the Industrial Advisory Board.

The project Steering Board (StB) is made up of all Work Package Leaders (WPL) and is responsible for the day-to-day working level of the project, in charge of the project strategy, monitoring the project progress, monitoring the project budget, communication strategies and general direction of the project.

The StB is comprised of:

Table 1 Steering Board Members

Work Package	Representative	Organisation
Work Package 1	Margaret Armstrong	ESS
Work Package 2	Andreas Schreyer, Christiane Alba Simionesco Mark Johnson	ESS ENSA ILL
Work Package 3	Mauro Zambelli	ESS
Work Package 4	Sharon Cosgrove	ESS
Work Package 5	Ute Gunsenheimer	ESS

8.2.1.4 Project Management and Administration, Margaret Armstrong, BrightnESS² Project Manager – ESS



Picture 7 M. Armstrong

Margaret Armstrong, described the Governance structure of the project with the General Assembly being the main decision-making body of the Consortium. It is responsible for monitoring the project implementation and determining the strategy and direction of the project and is made up of one representative from each partner who meet, once per year for the duration of the project. The meeting may be held via phone or videoconferencing systems. The General Assembly members have been appointed via e-mail communication before the kick-off meeting and is composed of the following members:

Table 2 General Assembly Members

Organisation	Representative
ESS	John Womersley
ILL	Mark Johnson (Martin Boehm 2nd)
STFC/UKRI	Philip King
TUM	Juergen Neuhaus (Michael Miller 2nd)
FZJ	Andreas Wischnewski
Wigner RCP	Peter Levai
INFN	Paolo Mereu
ESS Bilbao	Mario Perez
PSI	Christof Niedermayer
CEA	Sylvie Leray
NCBJ	Michail Gryzinski
iThemba Labs	Rudolph Nchodu
NECSA	Tankiso Solomon Modise
ENSA	Christine Alba Simionesco

The Steering Board controls the day-to-day management of the project specifically regarding the review and approval procedure before submission of deliverables to the EU Commission. The deliverables are submitted via the Coordinator. The legal requirements for reporting to the EC are encapsulated in the BrightnESS² Grant Agreement and Consortium Agreement, the latter, which would be sent to all partners once it is signed by all. Technical and financial reporting are submitted on the EC Funding and Tenders Portal following the schedule of the BrightnESS² periodic reporting; *period 1: 01/01/2019 - 30/06/2020, period 2: 01/07/2020 - 31/12/2021*

Partners must;

- report their incurred eligible costs for each reporting period and certify that information is complete, reliable and true
- provide an explanation of the use of resources for the particular reporting period
- keep records and other supporting documentation (original documents) for at least 5 years after project closure to prove the proper implementation of the action and the costs they declare as eligible.

Bearing in mind the importance of the strict adherence to the EU H2020 financial rules and procedures and the fiduciary responsibility of the coordinator, beneficiaries must ensure that the costs they report are eligible, this eligibility criteria is readily available in the regulatory documents on the EC Funding and Tenders Portal and in the Grant Agreement, the signed legal contract, between the European Commission and BrightnESS² Project partners.

Beneficiary responsibilities,

- keep information stored in the Beneficiary Register (in the electronic exchange system) up to date
- inform the PC immediately of any circumstances likely to affect significantly or delay the implementation of the action
- submit to the PC in good time:
 - individual financial statements for itself and its linked third parties and, if required, certificates on the financial statements and any information required by the Commission.

Each beneficiary must ensure that staff working on BrightnESS²

- keep signed time sheets in accordance with EC template
- staff working full time on the action need to sign 'declaration on exclusive work for the action' per reporting period, this should include the WP number and a brief description of the action

Reinforcing the Project officers call regarding the importance of highlighting the Visibility of EU Funding, Ms. Armstrong directed people to the BrightnESS² website, (www.brightness.esss.se) where material templates for the visibility purpose are available.

Travel is a necessary and inherent part of the activities in BrightnESS² and it is essential to keep detailed track of all meetings held during the project's life-time as incurred costs must be traceable to individual events. Travel costs are eligible as long as the travel is necessary for the action and if the costs are adequately recorded and in line with the beneficiary's travel policy. It is necessary to archive original receipts, boarding passes, train tickets as well as conference/meeting minutes and participants lists.

The Project Coordination team will maintain regular contact with each of the beneficiaries particularly with the personnel responsible for the technical, financial and administrative delivery of their part of the activities and deliverables. A Google form is the preferred method for requesting inter alia: person months, costs and justification of costs.

The expected payments due from the EU Commission are one; pre-financing payment, interim payment and payment of the balance. The Commission distribute the pre-financing to the Coordinator ESS, at the end of January 2019, the Coordinator will then distribute the partners share based on the ratio of the estimated budget. Only partners fulfilling all conditional regulatory requirements could receive payment.

8.2.1.5 **ENSA: The Organisation and Its Delegates, Christiane Alba-Simionesco, - ENSA Chair**



Picture 8 C. Alba-Simionesco

Christiane Alba-Simionesco presented ENSA, the European Neutron Scattering Association. The objectives of the ENSA Association are;

- To identify the needs of the neutron scattering community in Europe
- Optimise the use of present European neutron sources
- Support long-term planning of future European neutron sources
- Assist with the co-ordination of the development and construction of instruments for neutron scattering
- To stimulate and promote neutron scattering activities and training in Europe
- To support the opportunities for young scientists.
- To promote channels of communication with industry
- To disseminate to the wider community information which demonstrates the powerful capabilities of neutron scattering techniques and other neutron methods
- To assist, if appropriate, national affiliated bodies in the pursuit of their own goals.

The European neutron user community, both academic and industrial, is large, accomplished and self-renewing, producing 50% of neutron scattering publications world-wide. Users are scientists from disciplines like physics, chemistry, biology, geology, medicine, archaeology, material science and engineering. The science they develop and the questions addressed span all societal challenges, promoting innovation and curiosity thanks to the extraordinary properties of the neutron.

These researchers have access to a vibrant ecosystem of world leading facilities, national and international and small, medium or large in size. Performance and value-for-money is achieved by supporting the facilities that co-operatively allow each to exploit their particular strengths, in particular via European Union programs. Scientists are currently preparing themselves to exploit the future most intense neutron source in the world, the European Spallation Source ERIC.

Affiliation to ENSA is open to bodies representing neutron scattering users in those countries who are members or associates of the European Union, Norway, Switzerland and Russia. Each national group of affiliated bodies nominates one delegate per country to the ENSA committee, most of the national delegates were present at the BrightnESS² meeting.

Impressing the importance of enhancing international collaboration she gave advance notice of the next collaborative NSSA, AONSA, ENSA meeting to take place in Taiwan in November 2019, telling the participants of how such collaborations support the long-term planning of future European neutron sources and also gave notice of the Next European Conference on Neutron Scattering-July 2019 in St Petersburg. A new ENSA prize supported by BrightnESS² funding is being considered.

A table of the delegates representing the national societies with membership in ENSA is shown below:

Table 3 ENSA Country Representatives

Country	Representative
Austria	H. Abele
Czech Republic	P. Mikula
Slovak Republic	P. Mikula
Denmark	K. Mortensen
France	N. Malikova
Germany	A. Schneidewind
Greece	Dina Mergia
Hungary	F. Mezei
Italy	Fabio Bruni
Netherlands	L. van Eijck
Norway	S.Deledda
Romania	Ion Ionita
Poland	Wojciech Zajac
Spain	MT Fernandez-Diaz
Sweden	Sten Eriksson
Switzerland	H.Rønnow
Russia	S Grigoriev
UK	Don Paul
Belgium	Kristian Temst
Ireland	Ant. Benedetto

The meeting resumed after a short coffee break

8.2.1.6 WP 2: A Strategy to Deliver Neutrons for Europe and Beyond, Andreas Schreyer, Director for Science, - ESS

- (ESS, ILL, ENSA, STFC, , FZJ, TUM, PSI, Wigner RCP, NCBJ, NECSA, iThemba LABS, TU Wien)



Picture 9 A. Schreyer

Andreas Schreyer as Co Leader of WP 2, with Christiane Alba-Simionesco (ENSA) and Mark Johnson (ILL), described the objectives of BrightnESS² and how WP 2 would contribute to the development of a strategic approach to best exploit and develop the – current and future – network of sources. He highlighted the current LENS initiative, to provide a statutory body for European Neutron sources and particularly noted the contribution and collaboration that BrightnESS² together with Sine 2020 and FiLL 2030 would make to this end.

BrightnESS² provides an opportunity to define a new partnership between the users of the neutron facilities and stakeholders funding, operating and managing these infrastructures. The neutron facilities and the European Neutron Scattering Association (ENSA) will look at the best way to provide neutron instrumentation, associated characterisation methods and analysis tools in a strategic and coordinated fashion to the European user community and beyond. This will be done in close collaboration with representatives of neutron user communities and neutron sources from other continents to ensure a global perspective. .

The key objectives of WP2 are: to develop a strategy for future neutron capabilities, define and report the needs of the user communities in terms of new neutron-based methods, explore and implement new ways of working for the most efficient usage of neutrons.

The task objectives are:

- 2.1: Developing a European neutron strategy in a global context. The aim is to establish a common facility roadmap and implementation strategy for future neutron capability in terms of instrumentation available at facilities and their partners. It will also focus on establishing closer collaborations in developing new neutron-based methods, innovative instrumentation and the corresponding enabling technologies and ultimately anchoring the current and future neutron network within the larger European scientific infrastructure that is already in place and exploring further possibilities for close partnerships with other non-neutron facilities, laboratories, or data processing service centres.
- 2.2: Assessing the needs of the European science community for new neutron-based methods. The aim is to create necessary cross-links to user communities, e.g. ENSA and the national neutron scattering associations. ENSA will be tasked to provide user input with respect to new instrumentation, methods and sources, and also complementary methods including sample preparation, sample environment, data analysis and modelling. Emphasis in the latter shall be on the mutual added value provided to the neutron and non-neutron RIs, and the user community in Europe and beyond. Direct input from users will be complemented with results from existing surveys, e.g. survey titled “Neutron Users in Europe: Facility-Based Insights and Scientific Trends”, which was carried out within the framework of BrightnESS. ENSA will provide the user’s voice to the common facility roadmap and implementation strategy on future methodological capabilities developed under Task 2.1.
- 2.3: Exploring and illustrating new ways of working for the most efficient usage of neutrons in engineering and life science, via 2 sub-tasks. The aim is to develop a collaborative approach to integrate efficient experimental workflows between support laboratories to enable the efficient use of neutron and non-neutron RIs
 - 1) Engineering Science - This sub-task focuses on a pilot project for a common Neutron Quality Label for residual stress analysis.
 - 2) Deuteration for Soft Matter and Life Science - This sub-task focuses on a pilot project aiming to improve neutron usage for soft matter and life sciences by increasing access to high quality deuterated samples

8.2.1.7 WP 3: In-kind Contribution Management, Carlo J. Bocchetta, Deputy Technical Director, Machine Directorate – ESS

- (ESS, STFC, FZJ, INFN, ESS Bilbao, CEA, Wigner RCP)



Picture 10 C.Bocchetta

Carlo Bocchetta previously ESS In-kind Group Leader and BrightnESS WP 2 Leader introduced his successor as ESS In-Kind Group Leader, Mauro Zambelli, who will also be WP Leader in BrightnESS² WP 3: In-kind Contribution Management.

Carlo summarized the key achievements of BrightnESS in regards to IKC management, which has been the realisation of contracts between ESS and its IKC partners in the order of 300 MEUR in the years 2015 – 2018. In addition, a network of Field Coordinators of Regional Hubs has been established, who were trained towards ESS project implementation, attending 4 best practice workshops to augment knowledge transfer and clarity in engineering and installation of IKC. The creation of the centralized database platform, that is XRM+, developed under BrightnESS allows a match between the Work Base Structure in the ESS schedule and the work package realization with IKC Partners, and potential to mitigate any associated risks.

This valuable contribution is planned to continue and evolve in BrightnESS² within the following tasks:

- 3.1 Maturing the Network of IKC Field Coordinators - to identify future IKC opportunities for operations and / or upgrades and continue best practice exchange via regular meetings of the Field Coordinators.

- 3.2 Refining co-working processes - is to develop joint processes between ESS and partners to optimize and adapt the co-working process for the critical implementation phase of IKC through change management, quality assurance, documentation handover, issue tracking and resolution.
- 3.3 Support the IKC projects through their life cycles - which focuses on facilitating the successful delivery of all parts provided by In-kind contributions, including logistics, regulation, IP management, installation and commissioning of the parts. (i.e., executing the processes of Task 3.2),
- 3.4 Quality management: an important topic requiring special attention from the partners, where BrightnESS² will support to reach the correct validation methodology to ensure quality certification as well as good tracking and storage of the data generated in ESS's document and management system.

8.2.1.8 **WP4: Industry and innovation, Sharon Cosgrove, Associate Director for Strategy, - ESS**

(ESS, TUM, PSI)



Picture 11 S. Cosgrove

Describing the background, principles and input for ESS Innovation Policy and Procedure and linking the concept of industry as currently a supplier and in future a user /beneficiary, Sharon Cosgrove explored WP4 aims to help ESS prepare for the changes anticipated in innovation activities and industrial engagement as the facility moves closer to operations.

The key objective of this Work Package is to build upon the elemental innovation framework established under BrightnESS between 2015-2018 and advance industry-related activities initiated during that timeframe. The task objectives of WP4 are:

- 4.1 Implementing the ESS Innovation Strategy: Propagate and implement recommendations for an ESS Innovation Strategy, including the establishment of a framework for the engagement of industrial users at ESS, and adopt ESS Innovation Strategy in line with the recommendations;
- 4.2 Evolving the ESS ILO Network: Establish an innovation culture at ESS through collaborative schemes and capacity building trainings;
- 4.3 Preparing for industrial users: Evaluate the potential of the Industrial Liaison Officers (ILO) Network nodes, increase their portfolio and competence, and help them to become active contributors to the ESS innovation framework. By means of developing policies, processes, procedures to ensure an efficient entry point for industrial use, preparing for targeted access routes for industrial use and also fostering innovation by growing capability.

8.2.1.9 **WP5: International Outreach, Communication & Dissemination for Impact, Ute Gunsenheimer, Head of External Relations & EU Projects, - ESS**



Picture 12 U. Gunsenheimer

Ute Gunsenheimer described the objective of WP 5 to establish ESS as a truly global research infrastructure with an impact in and outside Europe via strategic communication and dissemination activities targeting the experts' community and society at large. The task and activities to achieve these goals:

- 5.1 Outreach and stakeholder engagement: Using a flexible approach to support stakeholder engagement and cross promotion of efforts and activities anticipated under WP2, WP3, and WP4 and continue best practice exchange and knowledge transfer with leading spallation sources at an intercontinental level. In this regard she called on all partners to
 - identify external workshops, international conference or events in 2019 where participation would benefit the particular WP;

- decide what events and activities they wanted to organize for the WP and submit these via the WP leader to WP5 by 15th February 2019.
- 5.2 Internationalisation of the ESS member base: Continue activities in support of Canadian membership/associate status with ESS; Continue activities targeting South Africa and establish a bilateral collaboration framework; Continue to explore new membership opportunities in Europe, and predominantly in the European Research Area, and on the global scale. Potential countries to be targeted in Europe include Austria, Latvia and Portugal. Potential countries to be targeted internationally include Argentina, Brazil, Canada, India, Israel, Singapore, and South Africa
- 5.3 Socio-economic impact assessment of ESS: Institute a systemic yearly routine for collecting data covering the entire construction phase, all contributing to the development of a standard approach to assess societal impact of ESS and make the approach publicly available to a wider community of RIs.
- 5.4 Communication and dissemination: Building on the brand of BrightnESS, communicating to an existing audience while reaching out to a variety of target groups including future users of ESS academia and science, media representatives, stakeholders and decision makers, general public, scientific and business associations etc. Promote the work and events carried out within all WP;

Concluding her talk she thanked everyone for their presentations and invited the participants to gather in the courtyard for a group photograph, before proceeding to the buffet lunch.



Picture 13 BrightnESS² Group Photo

8.2.2 Resumption for Break-out sessions of parallel working groups

The afternoon session reconvened in the conference room where participants from WP 3 & 4 moved to the a-joining Conference Room Piccola.

8.2.2.1 WP 3 & WP 4

After formal introduction, WP 3 & 4 participants entered a discussion about the sustainability of the project and what it means. The topics discussed included but were not limited to the limits of Field Coordinators mandate, the mechanisms of cooperation, ways of strengthening BrightnESS² presence, and others.



Picture 14 Break-out WP 3 & 4

The participants engaged in an informal discussion about the results from BrightnESS, how those results can be tied into the BrightnESS², and what can be improved. Additionally, an interesting topic of synergies popped up, with a potential for stronger collaboration between WP4 (Innovation) and WP3 anticipated in the coming years.

The short meeting concluded with a single action point to hold a WP3 Kick-Off Meeting with multiple goals in mind:

- to improve and redefine (where needed) working practices
- to share ideas
- to foster collaboration between the new and old Field Coordinators, as well as with new IK Management at ESS
- to identify opportunities for synergies with other Work Packages within BrightnESS²

The WP3 Kick-Off Meeting will be held in Jülich, Germany, at the partner Lab Forschungszentrum Jülich on February 21st, 2019.

8.2.2.2 WP 2 & WP 5

Participants involved with **WP2** and **WP 5** remained to discuss defining responsibilities and schedule for D2.1- D2.10 and D5.1-D5.5. Because of the pre-meeting the day before the participants began a detailed analysis of the tasks.

Andreas Schreyer confirmed that the participants from South Africa were able to fully participate in the discussions and proceeded to discuss how to align the objectives and planning, with the schedule of the deliverables and milestones. It was decided to;

- firstly, identify all WP contacts,
- identify leaders of tasks
- Discuss way forward for each sub task

Actions for Task 2.1 (Strategy)

- Immediate actions: investigate and collect existing strategy papers on European / national levels as a starting point.
- All participants to communicate existing documentation to WP2.1 leaders (Mark, Andreas) Shall be published on BrightnESS² web page.
- D2.2. (goals) after 12 months will provide outline (topics) for the BrightnESS² key deliverable D2.10 (strategy paper)

Actions for Task 2.2 (ENSA)

- User needs D2.3 are important input to report on methodological needs (D2.4) and this timing cannot be moved. The reports will go back to users (second loop) and will contribute to the next deliverables e.g. D2.9 / D2.10.
-

Actions for Task 2.3 (Engineering/Deuteration pilots)

- A change of the date for D2.1 (M06) will be required to enable test measurements at involved facilities. D2.8 (lessons learned) is a common deliverable between both pilots, therefore WP2 leaders (Andreas, Mark, Christiane) would work to ensure timely delivery. Input from individual facilities is needed for D2.2 and WP2 leaders need to agree on format / template beforehand.
- D2.10 is incorrectly attributed to T2.3 in the Gantt chart as it is part of T2.1.

For the discussions regarding South Africa involvement

It was noted that

- SA should ask Project Officer for permission to shift MS4 (1st SA workshop) by 1-2 months to ensure better participation of delegates;
- SA delegates to be invited to ECNS to present their work / synchronise deliverables D2.3 & D2.4.
- SA will meet in early February to prepare for their actions (MS4, MS10) and deliverables (D2.4)

Actions for next WP meeting

- Discussion whether to co-locate the next WP2 working meeting with LENS kick-off meeting in March or General Assembly of SINE2020 or the ECNS meeting.
- Depends on practicalities, to minimise interference; should be Satellite not in Parallel.
- Agenda needs to be relevant for participants e.g. not all task leaders might be required.

Action for interlinkage with WP 5

- All outreach / activities within other WPs can be supported by WP5; deadline February.
- Put requests to WP2 leaders and needs (number of participants, budget, agenda) to be forwarded to Lenka Petkova in WP 5
- Some ideas already: LENS booth at ECNS, common SA / ENSA meeting, ENSA user survey during ECNS.



Picture 15 Break-out WP2 & 5

9 Annexes

9.1 Appointments of the General Assembly Representatives

Below the confirmation e-mails for the General Assembly Representatives for: ILL, STFC, TUM, FZJ, INFN, ESS Bilbao, PSI, CEA, NCBJ, iTHEMBA Labs, NECSA, Tu Wien. The rest of the partners, ESS, ENSA, and Wigner-RCP have confirmed the appointment of their GA representative by phone

Subject: RE: Nomination of General Assembly Members for BrightnESS-2
Date: Wednesday, 5 December 2018 at 14:27:54 Central European Standard Time
From: Philip King - UKRI STFC <philip.king@stfc.ac.uk>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Kamini Manick <kamini.manick@stfc.ac.uk>, Justin Greenhalgh <justin.greenhalgh@stfc.ac.uk>

Dear Margaret,

Many thanks for this. I will be the GA member for ISIS/STFC.

All the best,
Philip.

From: Margaret Armstrong [mailto:Margaret.Armstrong@esss.se]
Sent: 05 December 2018 11:55
To: forster@ill.fr; Mark Johnson; boehm@ill.fr; walterh@ill.fr; cabeza@ill.fr; pereira-bahia@ill.fr; McGreevy,



 FW: BrightnESS2 administrative requirements - friendly reminder



BrightnESS

Margaret Armstrong

Tuesday, 12 February 2019 at 09:59

[Show Details](#)

Kindly see below.

Best regards,
Maja

From: Forster Miriam <forster@ill.fr>
Date: Thursday, 13 December 2018 at 10:01
To: BrightnESS <BrightnESS@esss.se>
Cc: BOEHM Martin <boehm@ill.fr>, Sandra Cabeza <cabeza@ill.fr>, Mark Johnson <johnson@ill.fr>
Subject: Re: BrightnESS2 administrative requirements - friendly reminder

Dear Margaret,

as promised I send you today the nomination for the General Assembly:

Mark Johnson (associate director, Head of Science division) & proxy: Martin Boehm

For completeness and to help you to set up the mailing lists, I list again the further involved staff (all in cc):

Sandra Cabrera (Scientist - Strain Stress pilot)

Financial Reporting: europe@ill.eu

EU related affairs: Miriam Förster

Kind regards

Miriam

On 12/13/2018 8:47 AM, BrightnESS wrote:

Subject: RE: Nomination of General Assembly Members for BrightnESS-2
Date: Monday, 10 December 2018 at 08:45:53 Central European Standard Time
From: Tankiso Modise <Tankiso.Modise@necsa.co.za>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Fabrizio Dionisio <Fabrizio.Dionisio@necsa.co.za>
Attachments: image767dc.PNG, image5bc80a.PNG, image678802.PNG

Dear Margaret

Necsa has nominated,

Mr. Tankiso Solomon Modise

To be its official representative in the General Assembly for the BrightnESS-2 project.

Regards,

Tankiso Modise
Project Manager
Tel: +27-12-305-5745
Fax:
Cell: +27-71-686-1379
Email: Tankiso.Modise@necsa.co.za
Website: www.necsa.co.za



Subject: AW: Nomination of General Assembly Members for BrightnESS-2
Date: Friday, 7 December 2018 at 09:31:45 Central European Standard Time
From: Neuhaus, Juergen <juergen.neuhaus@frm2.tum.de>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Miller, Michael <michael.miller@frm2.tum.de>

Dear Margaret.

For the FRM II, I will take over the task representing the TUM in the GA. In case I cannot participate, Michael Miller will represent the TUM.

Best regards

Jürgen

Dr. Jürgen Neuhaus
Forschungs-Neutronenquelle Heinz Maier-Leibnitz
Technische Universität München
D-85747 Garching
Tel: +49 89 289 12187
Fax: +49 89 289 14995
www.frm2.tum.de
www.mlz-garching.de

Subject: Re: Nomination of General Assembly Members for BrightnESS-2
Date: Friday, 7 December 2018 at 08:27:40 Central European Standard Time
From: Kenzelmann Michel (PSI) <michel.kenzelmann@psi.ch>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Millard John Paul (PSI) <john.millard@psi.ch>, christof.niedermayer@psi.ch <christof.niedermayer@psi.ch>, knud.thomsen@psi.ch <knud.thomsen@psi.ch>
Priority: High

Dear Margaret

The official nominee of the PSI for the General Assembly of BrightnESS2 is Prof. Dr. Christof Niedermayer. Please let me know if you need further information for this nomination.

Best wishes,

Michel

PAUL SCHERRER INSTITUT
Prof. Dr. Michel Kenzelmann
Head of Laboratory
Laboratory for Neutron Scattering & Imaging
Research with Neutrons and Muons
WHGA/149
CH-5232 Villigen-PSI
phone: +41 56 310 53 81
fax: +41 56 310 29 39
URL: www.psi.ch



Subject: RE: Nomination of General Assembly Members for BrightnESS-2
Date: Wednesday, 5 December 2018 at 13:42:57 Central European Standard Time
From: Fiamma García-Toriello <fgtoriello@essbilbao.org>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Mario Perez <mperez@essbilbao.org>, Javier Losada <jlosada@essbilbao.org>, Ute Gunsenheimer <Ute.Gunsenheimer@esss.se>
Category: H2020 BrightnESS

Dear Margaret,

As we commented before "ESS-Bilbao official nominee for the BrightnESS² General Assembly is **Mario Pérez. ESS Bilbao Executive Director.**" (in copy) He will attend the Kick off meeting in January.

Best regards,

Fiamma G-Toriello
Head of Management Office
ESS BILBAO
Poligono Ugaldeguren III, A-7B Bilbao 48170
Phone +34 946 076 620, mobile +34 688 627 082
e-mail: fgtoriello@essbilbao.org

Subject: E2564.02.18: Nomination of General Assembly Members for BrightnESS-2
Date: Tuesday, 11 December 2018 at 11:11:20 Central European Standard Time
From: de Guia, Aileen Cris <a.de.guia@fz-juelich.de>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Wischnewski, Andreas <a.wischnewski@fz-juelich.de>, Nägele, Ulrike <u.naegele@fz-juelich.de>

Dear Margaret,

Dr. Wischnewski would be the representative of JUELICH. However as our signatory guideline requires the dual control principle, Dr. Wischnewski will require depending on the subject matter a second authorized representative in cases such as e.g. IP matters etc.

Best,

Aileen

i.A. Aileen Cris de Guia LL.M.

Drittmittelmanagement (D)/ External Funding Management
Fachbereich Drittmittelanträge (D-A)/ External Funding Applications
Telefon/ Phone +49 2461 61-8868
Telefax/ Fax +49 2461 61-2118
E-Mail a.de.guia@fz-juelich.de
Internet www.fz-juelich.de

Subject: RE: CA Signature Pages from CEA
Date: Thursday, 10 January 2019 at 15:30:50 Central European Standard Time
From: SENE Armandine MANPOWER <Armandine.SENE@cea.fr>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Florence Ardellier <florence.ardellier@cea.fr>, BrightnESS <BrightnESS@esss.se>, Maja Grälls <maja.gralls@esss.se>, sylvie.leray@cea.fr <sylvie.leray@cea.fr>

Dear Margaret,

I have a part of answers.

About the person who will be to the General Assembly for the CEA, it will be Mrs Sylvie Leray.

Best regards,
Armandine

Subject: INFN nominee for BrightnESS2 GA
Date: Monday, 7 January 2019 at 10:59:17 Central European Standard Time
From: Paolo Mereu <paolo.mereu@to.infn.it>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Porcu Rosy <porcu@to.infn.it>, Maja Grälls <maja.gralls@esss.se>

Dear Margaret, dear all,

please accept my Best Wishes for a very Happy 2019.

I have received confirmation from INFN executive board that the nominee for the BrightnESS2 General Assembly will be myself.

Best regards,

Paolo.



Subject: Fwd: WG: Nomination of General Assembly Members for BrightnESS-2
Date: Thursday, 6 December 2018 at 17:09:20 Central European Standard Time
From: Thorsten Schumm <thorsten.schumm@gmail.com>
To: Margaret Armstrong <Margaret.Armstrong@esss.se>
CC: Schneider Stephan <stephan.schneider@tuwien.ac.at>, Abele Hartmut <hartmut.abele@tuwien.ac.at>

Dear Margaret

I hereby nominate Prof. Hartmut Abele to represent Vienna University of Technology (TU Wien) in the General Assembly of BrightnESS-2.

Kind regards

Thorsten Schumm

Date: Wednesday, 12 December 2018 at 15:55
To: Margaret Armstrong <Margaret.Armstrong@esss.se>, 'Jacob Mahlangu' <jacob.mahlangu@nrf.ac.za>, Rudolph Nchodu <nchodu@tlabs.ac.za>
Cc: 'Tshegofatso Komane' <t.komane@nrf.ac.za>, 'Director ITEMBA Labs' <director@tlabs.ac.za>, 'Prudence Makhura' <prudence.makhura@nrf.ac.za>, 'Kgaugelo Mokoka' <kgaugelo.mokoka@nrf.ac.za>, Faiçal Azaiez <azaiez@tlabs.ac.za>, Vincent Spannenberg <vspannen@tlabs.ac.za>
Subject: RE: Signing accession to the BrightnESS2 Grant Agreement on the EU Portal - Deadline 3rd January

Dear Margaret,

Just to update you with regards to the nomination of the General Assembly Member for NRF (iThemba LABS);

- Dr. Rudolph Nchodu (iThemba LABS Deputy Director)

On the signed documents, Mr Mahlangu has signed the 15 signature pages and will be couriered to your office on the address provided below. I will send you also the track number once I get it from the office responsible

- Margaret Armstrong
- European Spallation Source ERIC
- External Relations & EU Projects Group
- P.O Box 176, SE-221 00 Lund
- Sweden





Narodowe Centrum Badań Jądrowych
National Centre for Nuclear Research
ŚWIERK

December 12, 2018

European Spallation Source ERIC
Odarslövsvägen 113
224 84 Lund
Sweden

Nomination of a General Assembly Member

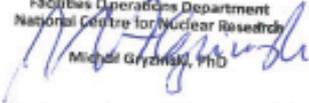
I hereby declare, Michał Gryziński, PhD, the Director of Nuclear Facilities Operations Department, National Centre for Nuclear Research, Poland, is nominated as a General Assembly Member for the BrightnESS² General Assembly.

Deputy Director for Economy
National Centre for Nuclear Research


Michał Wójtowicz

.....
Nominator's Name

Director of Nuclear
Facilities Operations Department
National Centre for Nuclear Research


Michał Gryziński, PhD

.....
Nominee's Name

Adres:
ul. A. Soltana 7
05-400 Otwock

+48 22 273 10 01
+48 22 779 34 81
ncbj@ncbj.gov.pl

KRS: 0000171393
NIP: 532-010-01-25
www.ncbj.gov.pl



9.2 Plenary Session Slides

Available at

<https://brightness.esss.se/about/deliverables>

9.3 Signature lists



PARTICIPANTS LIST

Meeting date: 14-Jan-2019

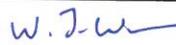
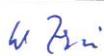
Meeting title: BrightnESS² Kick-Off Welcome Dinner

Location (city and country): Rome, Italy

Work package and task: WP1

No.	Name	Institute	Signature
1	Estefania Abad Garcia	ESS Bilbao	
2	Hartmut Abele	TU Wien	
3	Christiane Alba-Simionesco	LLB	
4	Margaret Armstrong	European Spallation Source ERIC	
5	Alexander Belushkin	Frank Laboratory of Neutron Physics, JINR	
6	Antonio Benedetto	School of Physics, University College Dublin, Ireland	
7	Carlo Bocchetta	European Spallation Source ERIC	
8	Oliver Bogojevic	European Spallation Source ERIC	
9	Fabio Bruni	Università di Roma Tre	
10	Sandra Cabeza Sanchez	ILL	
11	Gregory CHABOUSSANT	Laboratoire Leon Brillouin	
12	Nataliia Cherkashyna	European Spallation Source ERIC	
13	Tania Claudio Weber	Forschungszentrum Jülich	
14	Sira Cordón	ESS Bilbao	
15	Sharon Cosgrove	European Spallation Source ERIC	
16	Daniel Csanády	Wigner Research Centre for Physics	
17	Milos Davidovic	European Spallation Source ERIC	
18	Stefano Deledda	Institute for Energy Technology	
19	Ralph Dieter	ILL	
20	Maria Teresa Fernandez Diaz	Institut Laue Langevin	
21	Miriam Förster	ILL	
22	Ariane Froehner	TUM FRM II	
23	János Füzi	Wigner RCP Budapest	
24	Santo Gammino	INFN	

No.	Name	Institute	Signature
25	Fiamma García-Toriello	Consorcio ESS Bilbao	
26	Maja Grälls	European Spallation Source ERIC	
27	Sergey Grigoryev	PNPI (NRC KI)	
28	Ute Günsenheimer	European Spallation Source ERIC	
29	Thomas Gutberlet	Forschungszentrum Jülich GmbH	
30	Karin Hélène	European Spallation Source ERIC	
31	Vincent HENNION	CEA Paris-Saclay	
32	Arno Hiess	European Spallation Source ERIC	
33	Ion Ionita	Institute for Nuclear Research, Valahia University Targoviste	
34	Sebastian Jaksch	Forschungszentrum Jülich GmbH, JCNS	
35	Michel Kenzelmann	Paul Scherrer Institut	
36	Philip King	ISIS Neutron & Muon Source; STFC; UKRI	
37	Eszter Lencses	ESS	
38	Anna Leung	European Spallation Source ERIC	
39	Peixun Li	STFC, UK	
40	Erika Lundqvist	European Spallation Source ERIC	
41	Natalie Malikova	PHENIX Laboratory, Sorbonne University, Paris, France	
42	Kamini Manick	STFC-UKRI	
43	Boehm Martin	Institut Laue-Langevin	
44	Paolo Mereu	Istituto Nazionale di Fisica Nucleare	
45	Ferenc Mezei	European Spallation Source ERIC	
46	John Millard	Paul Scherrer Institute	
47	Michael Miller	Technische Universität München - Forschungs-Neutronenquelle Heinz	
48	Kell Mortensen	University of Copenhagen	
49	Christof Niedermayer	Paul Scherrer Institut	
50	Mario Pérez	ESS Bilbao	

No.	Name	Institute	Signature
51	Lenka Petkova	European Spallation Source ERIC	
52	Rosaria Porcu	INFN sezione TORINO	
53	Angelo Rivetti	INFN	
54	Henrik Ronnow	EPFL	
55	László ROSTA	Budapest Neutron Centre	
56	Astrid Schneidewind	JCNS at MLZ, FZ Jülich	
57	Andreas Schreyer	European Spallation Source ERIC	
58	Lambert van Eijck	TU Delft	
59	John Webster	STFC	
60	John Womersley	European Spallation Source ERIC	
61	Wojciech Zajac	Institute of Nuclear Physics Polish Academy of Sciences	
62	Mauro Zambelli	European Spallation Source ERIC	
63	Peter Korix	PNPI	
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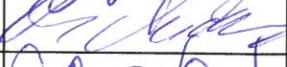
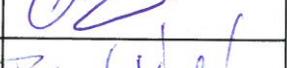
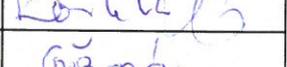
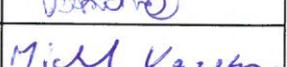
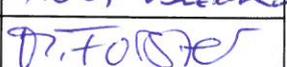
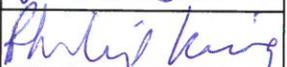
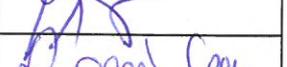
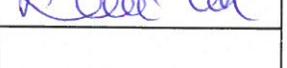
PARTICIPANTS LIST

Meeting date: 14 January 2019

Meeting title: Parallel Meeting of the LENS Core Group

Location (city and country): Rome, Italy

Work package and task: WP2, Task 2.1

No.	Name	Institute	Signature
1	Arno Hiess	ESS	
2	Christof Niedermayer	PSI	
3	Eszter Lencses	ESS	
4	Gregory Chaboussant	CEA LLB	
5	Laszlo Rosta	Wigner RCP	
6	Lenka Petkova	ESS	
7	Michel Kenzelmann	PSI	
8	Miriam Forster	ILL	
9	Philip King	STFC	
10	Ralph Dieter	ILL	
11	Thomas Gutberlet	FZ Juelich	
12	Ute Günsenheimer	ESS	
13	MARTIN BOETHM	ILL	
14	MICHAEL MILLER	FRM II	
15	Eszter Lencses	ESS	
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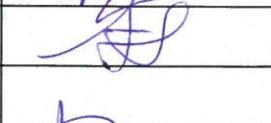
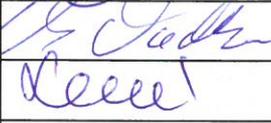
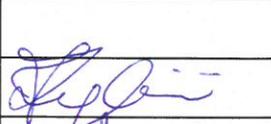
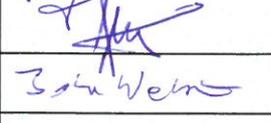
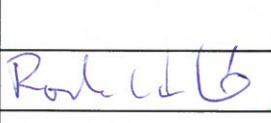
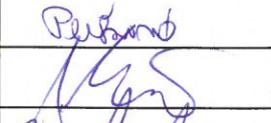
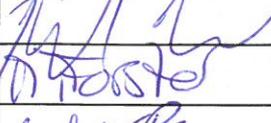
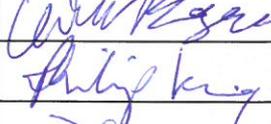
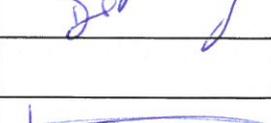
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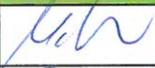
Meeting date: 14 January 2019

Meeting title: Exchange of BrightnESS² WP2 Representatives Including ENSA (mingle)

Location (city and country): Rome, Italy

Work package and task: WP2, all tasks

No.	Name	Institute	Signature
1	Andreas Schreyer	ESS	
2	Anna Leung	ESS	
3	Arno Hiess	ESS	
4	Astrid Schneidewind	JCNS at MLZ, FZ Jülich	
5	Boehm Martin	ILL	
6	Christiane Alba-Simionesco	LLB	
7	Christof Niedermayer	PSI	
8	Eszter Lencses	ESS	
9	Hartmut Abele	TU Wien	
10	Iwona Zagubien	NCBJ	
11	János Füzi	Wigner RCP Budapest	
12	John Webster	STFC	
13	Lambert van Eijck	TU Delft	
14	László Rosta	BNC	
15	Lenka Petkova	ESS	
16	Michael Miller	TUM - FRM II	
17	Michel Kenzelmann	PSI	
18	Miriam Förster	ILL	
19	Oliver Bogojevic	ESS	
20	Philip King	ISIS, STFC, UKRI	
21	Ralph Dieter	ILL	
22	Sebastian Jaksch	FJZ, JCNS	
23	Tania Claudio Weber	FZJ	
24	Thomas Gutberlet	FZJ	

No.	Name	Institute	Signature
25	Ute Gunsenheimer	ESS	
26	Sandra CABEZA	ILL	
27	Sharon Cosgrove	EdS	
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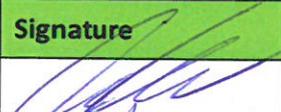
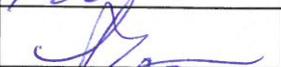
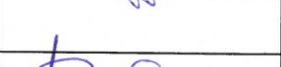
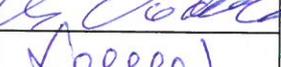
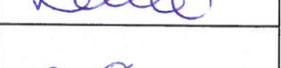
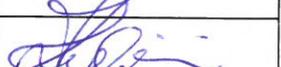
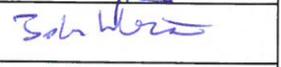
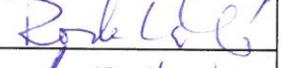
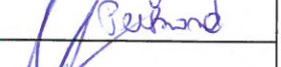
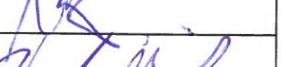
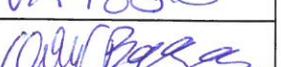
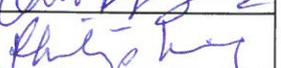
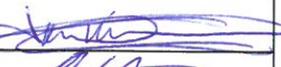
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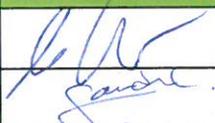
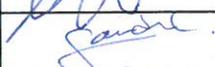
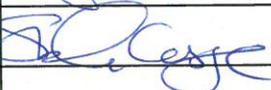
Meeting date: 14 January 2019

Meeting title: Exchange of BrightnESS² WP2 Representatives Including ENSA

Location (city and country): Rome, Italy

Work package and task: WP2, all tasks

No.	Name	Institute	Signature
1	Andreas Schreyer	ESS	
2	Anna Leung	ESS	
3	Arno Hiess	ESS	
4	Astrid Schneidewind	JCNS at MLZ, FZ Jülich	
5	Boehm Martin	ILL	
6	Christiane Alba-Simionesco	LLB	
7	Christof Niedermayer	PSI	
8	Eszter Lencses	ESS	
9	Hartmut Abele	TU Wien	
10	Iwona Zagubien	NCBJ	
11	János Füzi	Wigner RCP Budapest	
12	John Webster	STFC	
13	Lambert van Eijck	TU Delft	
14	László Rosta	BNC	
15	Lenka Petkova	ESS	
16	Michael Miller	TUM - FRM II	
17	Michel Kenzelmann	PSI	
18	Miriam Förster	ILL	
19	Oliver Bogojevic	ESS	
20	Philip King	ISIS, STFC, UKRI	
21	Ralph Dieter	ILL	
22	Sebastian Jaksch	FJZ, JCNS	
23	Tania Claudio Weber	FZJ	
24	Thomas Gutberlet	FZJ	

No.	Name	Institute	Signature
25	Ute Gunsenheimer	ESS	
26	Sandra CABEZA	IU	
27	Shawna Cosgrove	ESS	
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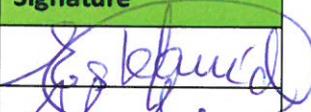
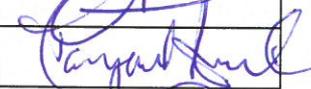
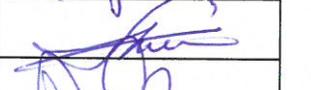
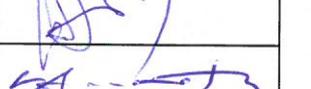
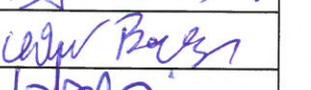
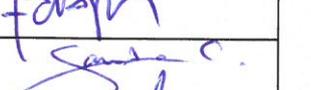
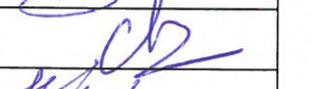
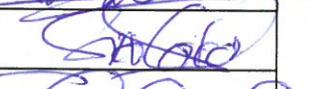
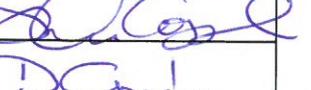
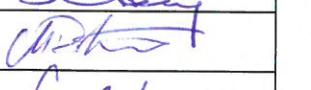
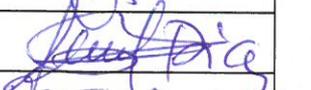
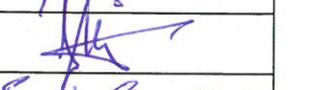
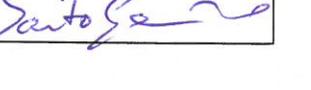
PARTICIPANTS LIST

Meeting date: 15-Jan-2019

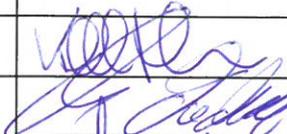
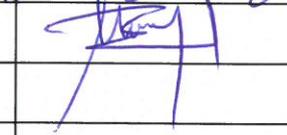
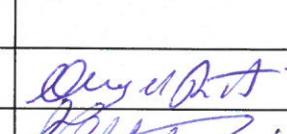
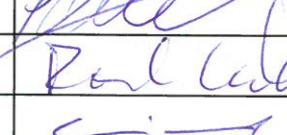
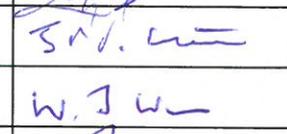
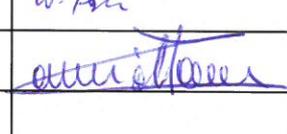
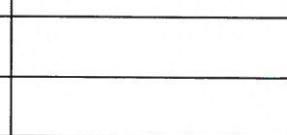
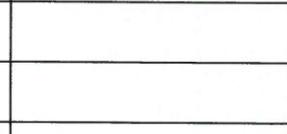
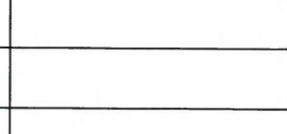
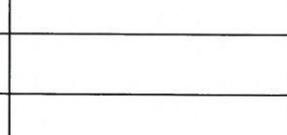
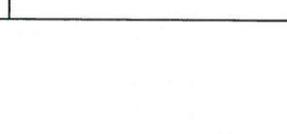
Meeting title: BrightnESS² Kick-Off Meeting

Location (city and country): Rome, Italy

Work package and task: WP1

No.	Name	Institute	Signature
1	Estefania Abad Garcia	ESS Bilbao	
2	Hartmut Abele	TU Wien	
3	Christiane Alba-Simionesco	LLB	
4	Margaret Armstrong	European Spallation Source ERIC	
5	Alexander Belushkin	Frank Laboratory of Neutron Physics, JINR	
6	Antonio Benedetto	School of Physics, University College Dublin, Ireland	
7	Carlo Bocchetta	European Spallation Source ERIC	
8	Oliver Bogojevic	European Spallation Source ERIC	
9	Fabio Bruni	Università di Roma Tre	
10	Sandra Cabeza Sanchez	ILL	
11	Gregory CHABOUSSANT	Laboratoire Leon Brillouin	
12	Nataliia Cherkashyna	European Spallation Source ERIC	
13	Tania Claudio Weber	Forschungszentrum Jülich	
14	Sira Cordón	ESS Bilbao	
15	Sharon Cosgrove	European Spallation Source ERIC	
16	Daniel Csanády	Wigner Research Centre for Physics	
17	Milos Davidovic	European Spallation Source ERIC	
18	Stefano Deledda	Institute for Energy Technology	
19	Ralph Dieter	ILL	
20	Maria Teresa Fernandez Diaz	Institut Laue Langevin	
21	Miriam Förster	ILL	
22	Ariane Froehner	TUM FRM II	
23	János Füzi	Wigner RCP Budapest	
24	Santo Gammino	INFN	

No.	Name	Institute	Signature
25	Fiamma García-Toriello	Consorcio ESS Bilbao	
26	Maja Grälls	European Spallation Source ERIC	
27	Sergey Grigoryev	PNPI (NRC KI)	
28	Michal Gryzinski	National Centre for Nuclear Research, Poland	
29	Ute Günsenheimer	European Spallation Source ERIC	
30	Thomas Gutberlet	Forschungszentrum Jülich GmbH	
31	Karin Hélène	European Spallation Source ERIC	
32	Vincent HENNION	CEA Paris-Saclay	
33	Arno Hiess	European Spallation Source ERIC	
34	Ion Ionita	Institute for Nuclear Research, Valahia University Targoviste	
35	Sebastian Jaksch	Forschungszentrum Jülich GmbH, JCNS	
36	Michel Kenzelmann	Paul Scherrer Institut	
37	Philip King	ISIS Neutron & Muon Source; STFC; UKRI	
38	Mina Koleva	European Commission	
39	Eszter Lencsés	ESS	
40	Ornella Leonardi	INFN-LNS	
41	Anna Leung	European Spallation Source ERIC	
42	Peixun Li	STFC, UK	
43	Erika Lundqvist	European Spallation Source ERIC	
44	Natalie Malikova	PHENIX Laboratory, Sorbonne University, Paris, France	
45	Kamini Manick	STFC-UKRI	
46	Boehm Martin	Institut Laue-Langevin	
47	Paolo Mereu	Istituto Nazionale di Fisica Nucleare	
48	Ferenc Mezei	European Spallation Source ERIC	
49	John Millard	Paul Scherrer Institute	
50	Michael Miller	Technische Universität München - Forschungs-Neutronenquelle Heinz	

No.	Name	Institute	Signature
51	Andrea Miraglia	INFN-LNS	
52	Kell Mortensen	University of Copenhagen	
53	Christof Niedermayer	Paul Scherrer Institut	
54	Mario Pérez	ESS Bilbao	
55	Lenka Petkova	European Spallation Source ERIC	
56	Rosaria Porcu	INFN sezione TORINO	
57	Angelo Rivetti	INFN	
58	Henrik Ronnow	EPFL	
59	László ROSTA	Budapest Neutron Centre	
60	Astrid Schneidewind	JCNS at MLZ, FZ Jülich	
61	Andreas Schreyer	European Spallation Source ERIC	
62	Lambert van Eijck	TU Delft	
63	John Webster	STFC	
64	John Womersley	European Spallation Source ERIC	
65	Iwona Zagubien	National Centre for Nuclear Research, Poland	
66	Wojciech Zajac	Institute of Nuclear Physics Polish Academy of Sciences	
67	Mauro Zambelli	European Spallation Source ERIC	
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PARTICIPANTS LIST

Meeting date: 15 January 2019
 Meeting title: **WP3** Working Group Meeting
 Location (city and country): Rome, Italy
 Work package and task: **WP3**

No.	Name	Institute	Signature
1	Andreas Schreyer	ESS	[Signature]
2	MARGARET ARMSTRONG	ESS	[Signature]
3	Johanna T. Brun	Roma Tre / ENSA	[Signature]
4	MARIO PEREZ	ESS BicBio	[Signature]
5	SIRA CORDON	ESS BILBAO	[Signature]
6	Arvo Hiess	ESS	[Signature]
7	Ashild Schneider	JCN5 et 012	[Signature]
8	HENDRIK W. RONNIG	ENSA, EPFL, SWITZERLAND	[Signature]
9	MICHEL KENZELMANN	PSI	[Signature]
10	MARTIN BOEHM	ILL	[Signature]
11	NIRUAN FORSTER	ILL	[Signature]
12	NATALIE MALIKOVA	ENSA, SFN, ^{CNRS} FRANCE	[Signature]
13	MICHAEL MILLER	FRMII, TUM, GERMANY	[Signature]
14	HONNA ZAGUBIEN	NCBI	[Signature]
15	HARTMUT ABELE	TU WIEN	[Signature]
16	MARIA TERESA FERNANDEZ-DIAZ	ILL	[Signature]
17	SANDRA CABEZA SANCHEZ	IU	[Signature]
18	JOHN WOMERSLEY	ESS	[Signature]
19	Sebastian Jahnke	JCN5	[Signature]
20	Thomas Gutherlet	JCN5	[Signature]
21	Christof Niedermayer	PSI	[Signature]
22	PHILIP KING	ISIS / STFC	[Signature]
23	STEFANO DELEDDA	ENSA (IFE Norway)	[Signature]
24	Janos Fuzi	BNC Wigner RCP	[Signature]

No.	Name	Institute	Signature
25	Eszter LENNER	ESS	[Signature]
26	MONA ZAGABENI	NCBJ	[Signature]
27	Hartmut Abele	TU Wien	[Signature]
28	Maria Teresa Fernandez-Diaz	ILL	[Signature]
29	WOJCIECH ZAJAC	INST. OF NUCLEAR PHYSICS POLISH ACADEMY OF SCIENCES	[Signature]
30	Ralph DIETER	ILL	[Signature]
31	JOHN WEBSTER	STFC	[Signature]
32	PEIXUN LI	STFC	[Signature]
33	OLIVER BOGOSJEVIC	ESS	[Signature]
34	Anna Leung	ESS	[Signature]
35	Lambert van Eyck	ENSA	[Signature]
36	Ferenc Mezei	ESS	[Signature]
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PARTICIPANTS LIST

Meeting date: 15 January 2019

Meeting title: WP2 Working Group Meeting

Location (city and country): Rome, Italy

Work package and task: ~~WP2~~ WP3

No.	Name	Institute	Signature
1	ANGELO RIVETTI	INFN-TURIN	
2	FIDMMA GARCIA-TORIELLO	ESS BILBAO	
3	Mauro Zambelli	ESS	
4	Santo Gammino	INFN - LNS	
5	Paolo MEREU	INFN - TORINO	
6	Natalia Cherkasheva	ESS	
7	ORUELLA LEONARDI	INFN - LNS	
8	David Csanky	Wigner RCP - Hungary	
9	CARLO BOCCHETTA	ESS	
10	ESTEFANIA ABAD	ESS BILBAO	
11	CHABOUSSANT GREGORY	LLB (CEA-CNRS) SACLAY	
12	TANIA CLAUDIO WEBER	FZJ	
13	Kamini Manick	STFC - UKRI	
14	Vincent HENNON	CEA - IRFU	
15	ARIANE FROEHLER	TUM - FRM II	
16	Milos Davidovic	ESS	
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WP4

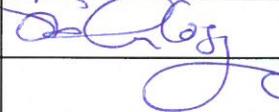
PARTICIPANTS LIST

Meeting date: 15 January 2019

Meeting title: WP5 Working Group Meeting

Location (city and country): Rome, Italy

Work package and task: ~~WP5~~ WP4

No.	Name	Institute	Signature
1	Ute Sinnerberg	ESS	
2	John Millard	PSI	
3	Sharon Cosgrave	ESS	
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PARTICIPANTS LIST

Meeting date: 15 January 2019

Meeting title: WP4 Working Group Meeting

Location (city and country): Rome, Italy

Work package and task: ~~WP4~~ WP5

No.	Name	Institute	Signature
1	SARA CORSONI	ESS BILBAO	SARA CORSONI
2	Lentka Petkova	ESS	Petkova
3			
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