

MBM #11 Agenda with Notes

19/03/2021

SITEX_Network

Notes in GREEN along the agenda



Agenda

duration 10:00 – 12:20

Participants: Jitka, Wilfried, Valéry, Frederic, Delphine, Johan, Muriel, Nadja, Honorine

Not able to join

1. Hot topics 2021

1. Technical secretariat – Honorine Rey
2. Membership of (single) natural persons

2. Organizational issues - Delphine

- SITEX-ETSON articulation
- New representatives to be elected in 2021, within SITEX (President, bureau...) and for EURAD (bureau, PMO)
- New members
- Website

3. Year 2021 calendar

1. Reviewing: Benchmarking - Frederic
2. R&D:
 1. DBD development – Muriel/Nadja
 2. EURAD - Valéry
 3. SSH SRA development combined with Topical day 2021 - Nadja
3. Interaction with CS:
 1. Online PEP – Mutadis (?)
4. Training - Jitka

4. Finances – Nadja

5. Candidate for organizing next MB meeting

1 Hot topics 2021

2021

- Technical secretariat
 - Welcome Honorine Rey (Honorine) – introduced herself
- Bureau – Membership Application of **(single) natural persons**? How to deal with? (all)
- Application from **Gabriele Mraz** as a natural person, **Austrian Institute of Ecology**.
active within NTW (eg for EURAD as I understand)
but also as a consultant, as an individual, for Austrian authorities.
- Acting as CS in EURAD would be in favor of being a CS member also in SITEX
- Acting as CS in structures (NTW, AIE) and not as individuals would mean to be member of SITEX through the structure she belongs to
- EC tender – WAC:
 - News ? (Valerie) – no news

Tasks:

Administration, website, Training social media, communication, distribution, ...

After discussion, MB prefers membership of Gabriele Mraz as representative of Austrian Institute of Ecology, “*single natural person membership may induce complications*”.

Wilfried will ask Gabriele by email to apply as representative of AIE

2 Organizational issues (Delphine)

During EURAD Annual event 2021
Intro – Questions by Louise: 3 ?
SITEX.Network mentioned as one
of the three colleges in EURAD!

- **SITEX-ETSON articulation**
 - **SITEX presentation to ETSON GA end of 2017**
 - Not concurrent. SITEX larger with Authorities and CS groups
 - Some ETSON members declined the opportunity while others supported SITEX
 - ETSON President (DeBoock) supported the idea to re-evaluate within 2-3 years the opportunity to further define the roles of each groups
- **ETSON Expert Group 14 on waste management and dismantling**
 - See objectives and work plan hereafter
 - Separated into 2 EG on each topics in 2020 (EG 9 for dismantling)
 - EG on WM is not really alive
 - 5 members also in SITEX : Bel V, IRSN, PSI, SURO, VTT
 - plus 6 (active?): ENEA, GRS, ICN, LEI, SEC-NRS, SSTC-NRS
 - But **ETSON can not be without an EG group** (at least from IRSN perspective) as WM is an important issue
- **What relation between both? How to share roles, work?**
 - Requested in January for EG14 work plan update → postponed
 - Relunched with recent call for offer and needs for consortium of partners

2 Other 2021 activities as foreseen: Delphin

2021

ETSON (1/4)

- The objectives of the Technical board for reactor safety assessment (TBRS) are to:
 - Enhance and harmonize safety approaches and practices in Europe;
 - Identify and discuss common safety issues that may challenge regulatory reviews associated with nuclear installations in Europe and, if possible, recommend common approaches for resolution;
 - Develop guidance for safety assessments;
 - Assess the implication of R&D results on safety approaches and practices.
- Experts Groups (Egs) aim to share knowledge and experience among the members and potential stakeholders to facilitate efficient, robust and thorough safety assessments, encourage enhanced nuclear safety and facilitate international cooperation in the field of safety assessment throughout Europe

2 Other 2021 activities as foreseen: Delphin

2021

ETSON (2/4)

- Each EGs are expected to address the following outcomes when defining their work plan for the 2-3 coming years:
 - Generation and sharing of information that TSOs may use to enhance their safety assessment framework;
 - Description of the safety assessment challenges and discussion on paths forward;
 - Needs of R&D for enhancing safety;
 - Suggestions for revisions of IAEA documents;
 - Suggestions for high level issues to be raised to international codes and standards organizations for dispositioning.
- Diverse formats of publications may be envisaged:
 - **Technical safety assessment guides (TSAG)**; TSAG provide recommendation to expertise bodies on reviewing and assessing specific safety issues raised in nuclear activities. The goal of these TSAG is to set down the harmonized principles applied in ETSON organizations to ensure that, whatever the technical analysis could be, safety assessments are performed by each ETSON member according to the same lines and can therefore be used with the same confidence by the people concerned;
 - **TSO papers so called “Position Paper of the Technical Safety Organisations”**; TSO papers are used to formalize common positions on nuclear safety (for instance on in-vessel corium retention or on sump clogging issues). TSO papers may be addressed to other organizations as WENRA, IAEA...;
 - **Technical reports** on specific technical issues (comparison of requirements among ETSON members; comparison of methodologies or practices...);
 - **Publications for workshop...**

2 Other 2021 activities as foreseen: Delphin

2021

ETSON (3/4)

- **EG 14 WM Work program 2019-21** was agreed to discuss about sustainable waste management processes prior disposal, to elaborate a common position on decommissioning strategies and to prepare elements for technical guidance on the operational safety of underground disposal facilities.
- In 2016, the workshop on sustainable waste management processes, after producing a good output, identified areas where further exchange and possibly common positions could be valuable.
- ETSON also developed a first position on entombment, even if this was not an option as part of a planned strategy but could be an option in the after math of an accident. *Not formally approved*
- Technical guidance on the operational safety of underground facilities is not pursued further as the EU SITEX project was addressing this topic and it is still under consideration in the SITEX network which has representation from most ETSON members.
- Recently, it was decided, after consulting the WATEC standing IAEA committee, to formulate views on selected topics to give an insight in the technical assessment and review of safety of waste management activities.
- Before any deliverable, the first task was to establish and maintain straightforward repository of information, knowledge and opinions and to arrange group meetings. Then, all the documentation associated with the work of the group will be collected. The following web structure repository will be implemented:
 - Standards/ Regulatory requirements/ Expectations
 - Safety arguments and evidence
 - Past and on-going research and development
 - International Dimensions- JC/EU directive/Artemis/ WATEC/ WASSC etc...
 - Strategic Issues
- Finally, a report will consolidate positions on Entombment (1st and 2nd quarter 2020), review the situation on sustainable waste practices (1st quarter 2020) and develop common positions on issues identified by WATEC (2020)

2 Other 2021 activities as foreseen: Delphin

2021

ETSON (4/4) - What kind of ETSON-SITEX relationships proposed by SITEX

SITEX

- Reviewing - State-of the art based on biblio review and workshops
- R&D programming
- Training
- Interaction with civil society
- S
- S
- S
- S

ETSON

- Position paper accounting for SITEX inputs

ETSON-TBRS-Expert-Groups-Contact-List-(Status-21/12/2020)

| No. | Title | TSO | Name | Email | Phone |
|-----|------------------|----------|---------------------------------|--|------------------------------------|
| 14 | Waste-management | JACOBS | | | |
| | | Bel-V | C. Mommaert | chantal.mommaert@belv.be | +32(0)2-528-03-52 |
| | | CVREZ | J. Miksova | Jitka.Miksova@cvrez.cz | +420-26617-2254 |
| | | ENEA | A. Rizzo | antonietta.rizzo@enea.it | |
| | | GRS | H. Thielen | Harald.Thielen@grs.de | +492212068772 |
| | | ICN | C. Bucur | crina.bucur@nuclear.ro | +40-741464552 |
| | | IRSN | D. Pellegrini | delphine.pellegrini@irsn.fr | +33-1-58-35-74-53 |
| | | JSI | - | - | - |
| | | LEI | E. Babilas | egidijus.babilas@lei.lt | +370-37-401914 |
| | | MTA-EK | | | |
| | | NRA | | | |
| | | PSI | S. Churakov | sergey.churakov@psi.ch | |
| | | SEC-NRS | O. Ushanova | ushanova@secnrs.ru → | +7-499-264-05-39, ext. 748 |
| | | SSTC-NRS | S. Kondratiev O. Tokarevskiy | sn_kondratyev@sstc.com.ua ov_tokarevsky@sstc.com.ua | +38044452-19-48 +38044422-49-67 |
| | | VTT | M. Olin | markus.olin@vtt.fi | +358400477244 |
| | | VUJE | | | |

NO LEADER

After long discussion on the SITEX.Network – ETSON relationship and possibility for cooperation/support, and taking into account that :

- there should not be a competition among both in EU, calls for example
- ETSON EG on RWM is not that active at the moment
- a new ETSON EG on decommissioning was/will be formed
- several names occur on the SITEX.Network as well as on the ETSON Experts-Group list for waste management
- most member institutes look at the ETSON membership as being very important ...

Delphine will draft a note on current situation and possibility for future cooperation. ETSON may support SITEX.Network using EUROSAFE conference as a platform for dissemination, also to a wider audience in eastern Europe, whereas ETSON's focus on specific topics in the area of waste management, decommissioning and disposal might be supported by SITEX.Netowrk contributions.



2 Organizational issues – Delphine/Wilfried

2021

- **New representatives** to be elected in 2021, within SITEX (President, bureau...) and for EURAD (bureau, PMO) - Wilfried will send a reminder to all members, asking for volunteers for the positions to be voted on at next GA
- Any new member – **BASE** (Marek Pekela)?
- **SSTC NRS** new contact points responsible for international cooperation (Oleksii Tokarevsky left)
 - Oleksandr Pecherytsia (av_pecherytsa@sstc.ua) and
 - Yuliia Yesipenko (jv_yesipenko@sstc.ua)They are responsible for making the decision on a new member(s) of these working groups who will replace me.
- **Website** – protected area ok ? Honorine will have a look, too

3.1 Activities - Reviewing

a) **Benchmark** [Frederic]

- Next meeting: April 12-13 : present the updates and review of partners: 2 groups – CS and Regulators – discussion on position (material distributed 4 March by Honorine)
- Frederic sent an abstract to “International Conference on Radioactive Waste Management: Solutions for a Sustainable Future - Theme 5. Socio-Economic Aspects of Radioactive Waste Management Programme” 1–5 November 2021, Vienna, Austria: Title: SITEX Benchmark on Safety Case Reviewing Approaches – Thank you Frederic!

b) **Future review activities** – to be discussed later in the year

3.2 Activities - R&D

a) **Synthesis on boreholes** [Muriel, Nadja]

- a) „state of the art” report finalize : Target: **15 March (?) -delayed**
- b) Submission of abstract for EGU21 conference: Deep Borehole Repository of HLW and SF - State of knowledge by SITEX.Network → article accepted for on-line event 19–30 April 2021:
 - Paper will present state of the art report, plus position on safety issues if possible
 - **Meeting to discuss the safety issues and safety demonstration, uncertainties – end of March**

b) **EURAD second wave** [Valéry]

- Submitted to EC, if „yes“ activities will start in June 2021

c) **EURAD lunch-and-learn sessions** [Delphine] – **Delphine can do it – decision later**

- Lunch time, 13-14:00, once a month (30th each month)
- IGD-TP, Euradscience, ERDO → SITEX in June : **OK → to provide info on SITEX and activities, to be discussed what would be the presentation**
- **Communication within SITEX on each of these events: send the information to the SITEX members (info on EURAD webpage)**

3.2 Activities - R&D cont.

c) Development of SITEX SRA on social and citizen sciences in RWM [Nadja]

- More details about the SRA – will be further developed by Sylvain, and reviewed by Gilles and Nadja → **middle of February**,
- Preparatory meeting with some SITEX members (Delphine, Valéry, Johan, Gilles, Sylvain, Frédéric, Honorine, Nadja) → **will doodle (beginning of March)**
- **Topical day with SITEX members, on Friday, April 16th, 2021: “Intergenerational multi-stakeholder follow up of the safety case”:**
 - *3 small topical workshops: intergenerational governance (Valéry), conditions for closure (Delphine) and safety culture (Frédéric). One expert to begin, then a member of the CS (Colin? Jan? Gabriele?), and third a social scientist (Sylvain,...).*
 - *1h30 for each topic, with subgroups → 2 half days?*
- Is this SRA part of SITEX SRA? Could be an extension for now, and as part of SITEX SRA in the future.

SITEX.Network’s **Social Science** and **Citizen Science** Strategic Research Agenda (SRA) on Radioactive Waste Management (RWM)

Friday, April 16th – 9:30 to 18:00

- Announcement to be changed on the webpage to “Workshop” (not “topical Day”)–done 19/03/21
- Delphine will sign contracts with Honorine and Sylvain related to the WS

3.3 Interaction CS – skipped, next meeting

a) Online PEP Topical Sessions [Mutadis' proposal sent on dec 04]

- The project is to organize in the first half of 2021, three Topical PEP online **sessions offered to SITEX.Network participants**. The idea is to offer free participation half-day sessions, taking advantage of the successful experience of the SITEX.Network Topical Session on Boreholes.
- Each session will be dedicated to a specific angle, such as, for instance, *uncertainty management*, or *intergenerational decision making*, etc. The selection of the key topics will be prepared and proposed to the board of the SITEX.Network. The PEP game will be operated on the basis of specific scenarios developed in order to illustrate the diversity and complexity of issues coming into play
- Development of a set of potential topics on the basis of the PEP material (M0+1)
- selection of 3 topics by the SITEX.Network MB (M0+1)
- Development of ad-hoc scenarios for each topical session (M0+2)
- Announcement of the program of topical scenarios (M0+2)
- Topical session 1 (M0+3)
- Topical session 2 (M0+4)
- Topical session 3 (M0+5)

External staff methodological and logistical support from Mutadis – contract (10 days) – 9500 euros

To think about combining with previous activity – SRA development

Who would be the target audience – SITEX members, perhaps some other in agreement with MB

Proposition of timing: - perhaps to shift if not in **support to SRA**

3.4 Training- Jitka

- ENSTTI may disappear and resources put in IRSN: ENSTTI was closed end of 2020.
- Module 1 to be organized on-line:
 - How long the module would last
 - How the content from Module 1 would be organized to on-line event
 - How often the lessons should be → every afternoon 3 h
 - Exercises or group work → Zoom small rooms for the exercises
- The fees:
 - How much would be fee if at all
 - Can EURAD provide some coverage for training?
- EURAD website can also publish the announcement for the Module 1.
- Video recording of the presentations: we could use them for our purpose. People can see presentation when they wish. And the discussion and exercises can be organized later. Maybe a short video just as advertising.
- **Jitka prepares the approach for next MB meeting, also with discussions with presenters.**
 - Jitka contacted 2 companies related to online training, experienced that support is quite expensive, even in Czech Republic (300 Euro for scan of single equipment, which might be used as a multidimensional virtual reality visit of a laboratory, replacing real visits during training courses.
 - Concept of two blocks of online training instead of one week seems to be more appropriate for online training.
 - Administration and arrangements of courses has to be develop new without support from ENSTTI.
 - Contact with Honorine to check for additional options for online training courses; a lot are offered in the internet.
 - Frederik will create a video for as an example for an online training lesson with PowerPoint to test PowerPoint capabilities to be used for online training courses.
 - Another option might be Zoom, ...

4 Finances – OK, double payments of PSI fee clarified

2021

| Planned Expenses 2021 | |
|---|--------------------|
| Statutory costs | |
| 5rd GA (without travel expences) estimate | 1.000,00 € |
| Sub-Total | 1.000,00 € |
| Recurrent yearly costs | |
| 1.Functioning | |
| web maintainance | 600,00 € |
| Master card - fee | 140,00 € |
| bank costs (4,40€/month) | 60,00 € |
| Sub-Total | 800,00 € |
| 2.Activities | |
| benchmarking meeting travel | 5.600,00 € |
| benchmarking | 8.000,00 € |
| benchmarking other costs (catering) | 1.500,00 € |
| Sub-Total | 15.100,00 € |
| PEP sessions | 9.500,00 € |
| training | 5.000,00 € |
| social science SRA | 7.000,00 € |
| topical day | 3.500,00 € |
| Technical secretariat | 12.000,00 € |
| Bureau | 5.000,00 € |
| Sub-Total | 42.000,00 € |

TOTAL expected expences 2021

58.900,00 €

| Foreseen financial status | Plan |
|-------------------------------|---------------------|
| Income | |
| transfer of funds (from 2020) | 44.110,58 € |
| fees 2020 | 34.500,00 € |
| others | |
| Total income | 78.610,58 € |
| Total expenses | |
| | -58.900,00 € |
| Difference app | 19.710,58 € |

5 Organisation of next MBM

- Honorine : will do Doodle for MBM#12 end of April
- Wilfried: prepare agenda / slides for MBM#12