

SITEX.Network Association

Minutes of the 5th General Assembly (G.A. n°5)

Date of the General Assembly: December 1-2, 2021, January 21, 2022

Location: Zoom: <https://us02web.zoom.us/j/5839111387>

Date of issue of the document: 15/02/2022 - draft GA minutes submitted to the Management Board (MB)

Attendees: Jitka Miksova, Frédéric Bernier, Wilfried Pfungsten, Johan Swahn, Ferenc Takats, Delphine Pellegrini, Doncho Karastanev, Markus Olin, Valéry Dettelleux, Gabriele Mraz, Julia Smith, Gilles Heriard Dubreuil, Alexis Geisler, Julie Brown, Muriel Rocher, Nadja Zeleznik, Benoit Jaquet

The first day (part 1: December 1, 2021)

Welcoming of members

Delphine opened the meeting and welcomed the members – a special welcome to Gabriele representing Ecology Institute joining the Association this year. Claire Mays announced that SYMLOG will step out from the SITEX.Network since her main activities are not anymore associated with radioactive waste management.

Participants / Proxies / “observers”:

- Collect of the proxy of each representative
- Counting of representatives for each college
- Agreement on participation of observers if any

For each organization a representative is allowed to vote (according to the statutes and 1905 French law).
Voting - nobody against.

Constitution of the Assembly Secretariat:

- Chair: President: Delphine P.
- Appointment of a Secretary: Markus O.
- Designation of two clerks for the voting procedure Jitka M. / Wilfried P.

Formal approval of the GA4 minutes (21 October 2020): 13 voting **YES**

Resolution 1 – Vote: The GA4 minutes are approved.

Formal approval of the agenda for this GA5: 13 voting **YES**

Resolution 2 – Vote: The GA5 agenda is approved (see annex 1).

Administrative and financial issues

Formal 2021 activity report (sent in advance, see annex 2) by the MB to the GA

Presentation / discussion (**Wilfried P.**). The following topics were addressed.

PEP, SRA, CS, training issue, special situations: webinar, face to face training, ... context to EURAD training things.... etc....

New Secretary – Malcolm

No many candidates to join the Bureau.

Discussion not conclusive on Topical Day – not desirable to have it on video again.

Active participation; ACN in January, L&L sessions in EURAD, PEP sessions, different reports: DBR, benchmark, ... (synthesis of the activity report sent few days ago).

Bill 2021: presentation / discussion / formal approval

Presentation of current situation of the account.

(Budget for 2022 presented on 21st of January).

2020 -2021: €39 000 received fees; invoices for 2022 will be edited soon and one month will be given to be paid.

Total income (considering the transfer of ≈44 000 from the last period) ≈ €83 000.

Expenses (functioning – cost associated to the account – web page update, Secretary + activities – benchmarking, SRA, PEP online, PEP label): total 25 249 euros.

On the bank account: 57 860 euros (18 900 still to be paid in 2022 from contracts in 2021, so 38 960 should be available for year 2022).

Resolution 3 – Vote: The bill 2021 (see annex 3) is approved: 14 voting **YES**

Election of Management Board and Bureau

President: Valéry D.

Vice President Delphine P.

Vice President: Gilles H. D.

Treasurer: Nadja Z.

Member: Jitka M.

Member: Frédéric B.

Resolution 4– Vote: Election as indicated above: 14 voting **YES**

New Secretary General: Markus Olin (the only candidate)

Resolution 5– Vote: Election Markus Olin as SG: 14 voting **YES**

Communication/Website

Internal communication means and our website – are improvements needed in 2022?

Conclusions (see Annex 4 for details about the exchanges):

- Internal communication:
 - No changes needed in the restricted area of the Website in 2022. New functionalities like the forum in the restricted area could be more used. Members are invited to test it.
 - No videoconference tool needed at SITEX.Network level (the tools already available in our respective organisations can be used satisfactorily).
- External communication:
 - It could be good to have some poster or paperwork on SITEX.Network to make advertising at some events.
 - LinkedIn, tweeter & YouTube can be used to disseminate interesting results / activities (L&L, PEP exercise, Topical Day on DBR, etc..). But be careful, sometimes better not to publish at all than publishing very rarely. We will first optimize the communication on the website before considering communicating on social media.
 - The newsletter format and content could be developed further by including more information about recent activities, focusing on key news from a country, our exchanges with EURAD, etc. An appropriate frequency for that newsletter seems every 3 or 4 months. It could be published on the homepage of the website and archived in a “News” section of the website.
 - SITEX.Network will propose to EURAD (following their invitation): a L&L about DBR in June 2022 and a L&L about the PEP in autumn 2022 (that could include first elements about the PEP charter in development).

Networking and Potential new members

Conclusions (see Annex 5 for details about the exchanges):

- Agreement on the philosophy about the articulation between SITEX and ETSON. It should be verified at ETSON level what are the current actions needed and plans to develop the Expert group (now led by Markus).
- Membership of single persons:
 - Could be considered if membership of the corresponding organisation is not possible
 - A priori, should be reserved to CS
 - Decision on a case-by-case basis. We will pay attention to keep an equilibrium between the college composition (e.g., number of possible votes).
- Further development of SITEX.Network members:
 - Not the first priority (priority is rather to consolidate / develop what we have)
 - However, additional members in the NRA college would be welcome (e.g., BASE, ENSI, ASN).
 - A network with about 20 members seems a reasonable target.

National and international level breaking news sharing

A roundtable discussion is organised where each member is invited to provide a short summary of the current situation of the RWM programmes in his/her country. See Annex 6 for more detail.

Note: the point of the agenda about "Perspectives" is moved to the second day due to times reasons.

The second day (part 2: December 2, 2021)

National and international level breaking news sharing

(continued from the First day)

Activity/Work programme 2021/2022

Preliminary discussions, conclusions and decisions expected during the 3rd day of the GA.

About next topical day

Gilles & Frederic: monitoring could be the topic of the next topical day

Valery: We observed CSOs are interested in post closure monitoring, while TSOs are interested in monitoring during operational phase. These complementary interests could indeed be a good topic for a topical day.

About new technical activity

Delphine: we should not forget technical activities, e.g., about the benchmark of review approaches.

Wilfried: the idea was indeed to have several levels of calculations/modelling in this activity.

Frederic is leading the associated activity proposal that has to be accepted during the 3rd day of the GA. Need to know the participant for the second part if the project is accepted. The fictive Safety Case developed for that activity could be used for training purposes. This could be investigated in 2022.

About finalisation of the DBR report

Review on deep borehole disposal: a final draft report and paper was presented at EGU 2021, see:

<https://doi.org/10.5194/egusphere-egu21-5114>.

Muriel presented the report on the DBR. It will be distributed soon to all members.

How to publish this report? There are several options: a SITEX report (without mentioning the authors) or a SITEX report mentioning names of authors / organisations. It is agreed that the first option is more appropriate to avoid agreement / validation in all SITEX member's organisations.

About the social sciences SRA

Sylvain presented the work about the Social Sciences SITEX SRA.

Valéry mentions this is a great input for the update of the SITEX SRA expected in 2022 (see below).

About EURAD SRA Update and SITEX input

Valéry provided a presentation of the SRA Update process.

Delphine: Why a light update and I wonder if EURAD is ready to include social sciences?

Valéry: I think that yes there is opening for discussion about social sciences. Based on UMAN activities with CSO, SITEX will bring CSO into EURAD. About light update: WMO do not want give impression that priorities are changing too fast – enormous discussion two year ago. It is true that, a priori, no big changes of priorities are expected.

Gilles & Nadja: how to mix social sciences topics with technical topics in this EURAD SRA?

Valéry: SRA from SITEX (including social science aspects) is an input to EURAD SRA. It will facilitate the discussion in Bureau of EURAD if we already propose some socio technical topics. Pure social topics should be avoided.

Gilles: two new possible projects: post closure and safety case review. The next topical day could be used to exchange on these socio technical topics.

About EURAD Knowledge Management

Jitka presented the course about Safety Case which is in preparation.

EURAD proposes to SITEX.Network to participate in this training about Safety Case. This is a good opportunity for SITEX. This will be considered in the work programme for 2022.

About the topical day(s) 2022:

Possible topics are SITEX.Network SRA update, combined socio technical topics for proposal to EURAD, exchanges about monitoring and reversibility. To be decided during the third part of the GA.

2022-23 Programme of activity and perspectives for SITEX

A “Mentimeter” session is proposed. Results will be presented during Day 3 of the GA.

The third day (part 3: January 21, 2022)

Note: agenda of this last day was changed and communicated with a preparatory note (see annex 7) in advance to the GA members.

Introduction

Key decisions and messages from days 1 and 2 are reminded and the results from Mentimeter (see annex 8) are presented. These results can be summarized as follows:

- Strength of the network: diversity, plurality, integration, collaboration.
- This supports the added value of SITEX compared to ETSON (multiactors dimension is our strength).
- The integration of new NRA may be interesting regarding this (we should a.o. pursue our exchanges with ASN).
- To be improved by the Network: communication, structure and connection between ideas, plans for future actions and strategy.
- The development of a programme of activities / vision on a longer term is thus important for members. This could be coupled with the foreseen SRA update.
- Interest from the members in activities:
 - High level of interest: SRA, PEP and common understanding on safety topics
 - Medium level of interest: training and providing guidance
- The PEP is thus clearly one of the key activity of the Network (but not the only one).

- 5 members are ready to lead new activities, 5 would be interested in leading activities but have no resources, 1 member is not interested in leading activities.
- We should thus invite members outside the MB to lead new activities, to increase exchanges between SITEX members.

PEP Activities

Julien presented the main results of the PEP sessions organised in 2021 and the development of the PEP Charter foreseen in 2022. A short video summarizing the PEP events in 2021 was prepared and presented to the GA.

The following is agreed:

- SITEX.Network must keep the ownership of the PEP.
- The development of the Charter, to provide a framework for the use of the PEP by stakeholders, is important. Indeed, without such a framework the PEP could be misused.
- Beside this charter, we need to define how we would like to update / further develop the PEP. For instance, it seems a new online version would be interesting. We have to define the needs for the PEP evolution.
- CNSC would be interested in adapting the PEP for a dedicated use in Canada. This should be done in collaboration between Mutadis and CNSC. The PEP charter should provide rules for such adaptations (by who, how...). In the future, SITEX members may have the right to upload new PEP cards and boardgames to an online version of the PEP.

Work Programme and Budget 2022

The table below (preliminary version was sent in advance, see annex 7) is filled in during the GA. It includes 9 SITEX activities to be started in 2022. For each activity a short description is presented, and the possible leader, budget and planning are described. Activities for which a link with ETSO should be foreseen are identified.

#	Activity	Short description	Leader	Link with ETSON?
1	Develop a 5 year vision document.	<p>Mid term strategy and vision of the Network. It will introduce and refer to the updated SRA, the key activities foreseen & their outputs. Our expected interactions with international bodies (including ETSON) and projects will also be described.</p> <p>GA discussions:</p> <ul style="list-style-type: none"> - Identity <ul style="list-style-type: none"> - Pluralistic actors ! - Socio-technical dimension should be presented as part of the SITEX identity - Experimental interactions between actors (we test methodologies !) - Educational activities targeted to several types of actors (experts, regulators...). - Develop mutual understanding on expertise function activities and challenges. - Refer to the pillars of SITEX, key functions. - Show how our strategy answers to the needs associated to the current Waste Management steps / challenges faced by our TSOs, Res, CS, NRAs. - PEP has a “brand” of SITEX.Network. Continue to develop it to answer the needs of possible users. - Include links with projects in development (e.g. new EC projects and EURAD-2). - Links with regulators / society → consider their needs. - What new experimental interactions would we like to develop further? To prepare the future ! 	Bel V / MB	Needed

2	SRA Update	<p>Provide an update of the existing SITEX.Network SRA in collaboration with the EURAD TSO College. This updated SRA is expected in June 2021 at the latest, as an input for the update of the EURAD SRA.</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - Update of technical aspects - Include Social science aspects identified in 2021 - Build and propose socio-technical topics / projects. - Development of methodologies for sharing Safety Case information. - Experimental interactions → a way to feed the SRA topics. 	VTT	Possible
3	Benchmark of SC review approaches (Part2)	<p>Valorize the achievements and findings of the former “Part1” of the activity, and compare more in-depth the reviewing approaches (with modeling).</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - Link with activity 5 “Training”: provide examples / practical exercises. 	FANC	
4a	PEP Charter (continued – started in 9/2021)	<p>Develop a charter to provide a framework for a wider PEP utilization.</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - Current activity = development of charter + identification of the needs. - Then, a new activity could be started to develop further the tools, in line with the identified needs. → we separate the 2 activities in 4a and 4b. 	Mutadis	
4b	PEP Terms of Reference for upgrade	<p>Upgrade of the PEP, notably as a function of the needs identified in 4a. Advertising material about the PEP, as well as a more robust on-line version need could be developed.</p>	FANC	

4c	PEP Upgrade	Realization of the upgrades that will be planned in 4b.	To be defined after 4b.	
5	Training	<p>Contribute to the EURAD Training on Safety Case development and review (5 days training). SITEX will contribute to the part “Review”.</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - Links are possible with the activity #3 (e.g. examples could be taken from the fictive safety case and the conclusions of the “Part1” of the activity). 	SURO	
6	Review paper about 3S of Radioactive Waste Management	<p>How to manage 3S (Safety, Security & Safeguards) interfaces in waste management? How to manage Safeguards on the LT (how to apply IAEA requirements)?</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - 4S could be considered: 3S + Society - Meeting with IAEA could be interesting. - To be organized in 2 steps. <ul style="list-style-type: none"> - First a review of what exist on 3S → first report - Then check what is the impact of 4S → second report (or version of a single report). 	IRSN for the step 3S TS ENERCON could co-lead.	Needed

7	Topical Day	<p>Topic: monitoring (during operational phase and after closure) & reversibility.</p> <p>GA discussions:</p> <ul style="list-style-type: none"> - We could develop links with ETSON: invite experts from ETSON for exchanges about monitoring in other facilities or activities (e.g. dismantling). - NTW could be invited also (links with rolling stewardship). - EURAD MODATS project also an interesting stakeholder. - Input from a project in Fance surso. 	To be defined.	Possible
8	Start a technical collaboration on modelling activities?	<p>A survey of codes which are used by SITEX.Network partners could be done. A benchmark on a modelling case could also be done, to identify possible weaknesses / strengths of codes on which we could further exchange / collaborate.</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - Good activity to feed the technical pillar of the network. - Support of notably Bel V, IRSN, FANC, VTT, EIMV, SURO, Doncho, TS ENERCON - Codes about RN transport 	Bel V?	
9	The rolling stewardship	<p>SITEXNetwork could contribute to the new NTW activity about the concept of « the rolling stewardship ».</p> <p>GA discussion:</p> <ul style="list-style-type: none"> - At the moment topical day on monitoring is a first contribution. - Next contributions to be defined later. - Possible connection with SRA. 		

Resolution 6 – Vote: Activity/Work programme 2022 is approved

Formal approval of the **Activity/Work programme 2022** (21 January 2022) 13 voting **YES**

Resolution 6 – Vote: The **Activity/Work programme** in the above table is approved.

Budget Finalisation

The budget for 2022 (considering the account situation presented during the first day of the GA and the approved programme of work) is presented by Nadja (see annex 9).

Formal approval of the **Budget 2022** (see annex 9)

Resolution 7 – Vote: the **Budget 2022** is approved (13 voting **YES**).

The 5th GA is closed.

ANNEX 1: Agenda of the 5th General Assembly

Starting 1 December at 2:00 pm, end 21 January 2022 4:30 pm

Zoom link will be send

Time	Title	Presenter	Discussions and decisions made (all members)
2:00-2:15 pm	<p>Welcoming of members new members / leaving members</p> <p>Participants / Proxies / “observers”:</p> <ul style="list-style-type: none"> - Collect of the proxy of each representative - Counting of representatives for each college - Agreement on participation of observers if any <p>Constitution of the Assembly Secretariat:</p> <ul style="list-style-type: none"> - Chair: President - Appointment of a Secretary - Designation of two clerks for the voting procedure <p>Formal approval of the agenda for this GA5</p> <p>Resolution 1 – Vote: The GA4 minutes are approved.</p> <p>Formal approval of the GA4 minutes (21 October, 2020)</p> <p>Resolution 2 – Vote: The GA5 agenda is approved.</p>	<p>Delphine</p> <p>Wilfried</p> <p>Delphine</p> <p>Delphine</p>	<p>Proxies collected before the GA</p> <p>Foreseen observers: none that time or representative from) as future SITEX member? We may invite potential members for the 2nd zoom day</p>
2:15-3:00 pm	<p>Administrative and financial issues</p> <ul style="list-style-type: none"> - Formal 2021 activity report (will be send in advance) by the MB to the GA: presentation/ discussion - Bill 2021: presentation / discussion / formal approval <p>Resolution 3 – Vote: The bill 2021 is approved.</p> <ul style="list-style-type: none"> - Election of Management Board and Bureau President: Valery Vice President Delphine Vice President: Gilles Treasurer: Nadja Member: Jitka Member: Frederic <p>If no further candidates apply, and for each position there is only candidate, election of the board and bureau can be done by one resolution</p>	<p>Wilfried</p> <p>Nadja</p> <p>all</p> <p>all</p>	<p><i>The President, the vice Presidents and the Treasurer are elected for a period of three (3) years renewable: i.e. until January 2021. At GA4 election was postponed to GA5 due to video GA4. Email had been send out to all members to apply as candidates for all functions. There was one reply as new candidate for the Secretary General by Markus Olin – Wilfried Pflugsten is no longer available for this function. Valery Detillieux and Delphine Pellegrini agreed to switch their functions.</i></p>

	<p>Resolution 4– Vote: Election as indicated above</p> <p>New Secretary General: Markus Olin (the only candidate)</p> <p>Resolution 5– Vote: Election Markus Olin as SG</p>	all	Johan announced to step back and will be replaced by Gilles.
3:00-3:45 pm	<p>Communication/Website; internal communication means: our website. improvements in 2022? Video conference materials / other internal communication actions ? What conferences/workshops next years?</p> <p>Networking:</p> <ul style="list-style-type: none"> - IAEA, WENRA, ETSON, others? - Call for interest from eg the EC <p>- Potential new members: presentation of contacts Others? What strategy?</p>	Anabelle Logar (Webpage Manager) tbc Wilfried Valéry Delphine	<i>Contacts ongoing with others :</i> INR, Romania (Ms. Diaconu); BASE, Germany ENSI, Switzerland; SEC NRS or IBRAE, Russia; Prof. Steinmetz (FH Aachen), Germany; ASN France
3:45-4:30 pm	National and international level breaking news sharing	All	This is meant to inform each other about important step/event/report in national programs or international projects.
4:30-5:00 pm	<p>Perspectives (other than activities treated tomorrow) “What are you missing”, “What could be better” or “What should be changed” in/for SITEX.Network? Summary of the plan of actions</p>	All	
5:00 pm or a bit later	End 1st day		
2:00 pm	Start 2nd day		
2:00-4:30 pm	<p>- Activity/Work programme 2021/2022 Activities achieved or launched in 2021 and possible continuations (15’ presentation + 15’ discussion each) :</p> <ul style="list-style-type: none"> - Benchmark on review approaches: safety case, final report and poster contribution to IAEA conference in November - Review on deep borehole disposal: final draft report and paper presented at EGU 2021 	Frederic Muriel/Nadja	

	<p>https://doi.org/10.5194/egusphere-egu21-5114</p> <ul style="list-style-type: none"> - R&D related activities achieved or launched in 2021 : EJP EURAD incl. cooperation training activity (status) - PEP sessions in 2021 and Strategic deployment of the PEP methodology - SITEX SRA on social and citizen sciences 	<p>Valery</p> <p>Gilles</p> <p>Sylvain/Nadja</p>	<p>EURAD: Propose potential ENDUSER for EURAD CNSC already listed. GBAS? Our national authorities? Others?</p> <p>How to go on with PEP ? Input by all members on their needs/ideas</p>
<p>4:30 - 4:45 pm</p>	<p>Topical day(s) 2022: The topical day on SRA – SITEX.Network CS SRA, update SITEX.Network SRA as input to EURAD SRA, TSO position paper on SRA Other Topics/format of event?</p> <p>Organization and agenda of the next SITEX.Network GA6: Where, agenda?</p>	<p>All</p>	
<p>4:45 - 5:00 pm</p>	<p>2022-23 programme of activity (Mentimeter session) Brainstorming session in view of session 3 of the GA (January 21st pm see below) on the new activities to be launched</p>	<p>Valery + all others</p>	
<p>5:00 pm or later</p>	<p>End 2nd day – enjoy Christmas, Happy & Healthy New Year</p>		

2:00 am	Start 3rd day 21st January 2022		
2:00 - 3:30 pm	<p>Digestion and consolidation of proposed activities identified during 1st and 2nd day</p> <p>Zoom GA meeting incl. Topical Day.</p> <p>Approval of the program: <i>Should end up with a collective Approval of the Activity / Work programme 2022-23</i></p> <p>Resolution 6 - Vote: Activity/Work programme 2022 is approved</p>	All	
3:30- 4:30 pm	<ul style="list-style-type: none"> - Budget 2022 (including proposed activities) Member fees, bank account, invoices (information) Budget 2022: presentation / discussion Resolution 7 – Vote: The Budget 2022 is approved. - wrap up - Any other business 	All	
4:30 pm or later	End 3rd day		
	Have a nice time	All	

ANNEX 2: 2021 Activity report

The Management Board (MB) briefly summarises in this activity report the SITEX_Network activities during the period between the fourth (December 2020 / January 2021) and fifth (December 2021) General Assembly (GA) to be presented at the fifth GA. The activities are summarised below in arbitrary order and continuously influenced by ongoing COVID-19 pandemic and restrictions of physical meetings.

Administrative issues

- MBMs have been organised regularly every month via different video meeting tools. Major topics were continuous update of ongoing activities on review benchmark activity, deep borehole activity, new CS SRA, how to go on with PEP as well as how to continue with training (webinars, cooperation with EURAD, PEP organised within SITEX.Network, ENSTTI no longer available for cooperation, ...). Communication actions in various international conference/projects were also discussed.
- Update of mailing list and continuous contact to potential new candidates. Contacts with ENSI (Switzerland), KINS (Korea) and BfE (Germany) relaunched regarding their potential membership. Contacts have been established also with SNSA (Slovenia, NRA) and INR (Romania, TSO).
- Welcome new member:
 - o Austrian Ecology Institute (AIE), Austria, contact person: Gabriele Mraz, college: CS
- Memberships: SYMLOG (Claire Mays) would like to step out SITEX.Network, because its focus is no longer with nuclear waste management
- New contact person at CNSC (Canada), Julie Brown replaces Andrew McAllister who took over a new position: Director of the Nuclear Processing Facilities Division at CNSC
- Webpage: added "Forum" that includes MB meeting agendas and minutes, also for comments by members and a file "Depository", i.e. a structured file achieve in addition to the "File Exchange" within the protected area, login for new member.
- A secretary Honorine Rey (also NTW) has been hired to support MB and Bureau, unfortunately she left in JUNE after a few months due to a new challenging job she found. A successor was found in Malcolm Butler (also with NTW)

Further activities

- Initiation to setup new constitution of SITEX.Network MB and Bureau to be elected at GA5
- Commenting on EURAD "Knowledge Management and Networking Programme".
- Contact with ETSON GA – status and possible cooperation (Delphine and Valéry with ETSON MB)
- Discussion on possible Topical Day topic – no conclusion yet
- Active participation at the [ACN Roundtable](#) in January 2021.
- Within EURAD lunch-and-learn sessions presentation of SITEX.Network on 30 June (Delphine, Nadja, Frederic).
- Other dissemination actions : "SITEX Benchmark on Safety Case Reviewing Approaches" at IAEA International Conference on Radioactive Waste Management, "Deep Borehole Repository of HLW and SF" at the EGU conference
- PEPs sessions this autumn for the SITEX.Network members. Each session will be dedicated to a specific PEP tool:
 - the first session on "intergenerational management of High-level Waste, September 13, 2021

- the second session on “uncertainty management and the Authorization and Qualification Phase of geological disposal”, October 25, 2021
- the third session on “issues related to the management of Very Low-level Waste”, November 16, 2021
- Development of SITEX SRA on social and citizen sciences - final report December 2021 (target).
- Frederic organised meetings (phase 2) on the SITEX.Network activity “Benchmark on reviewing approaches” by teleconference – final report November 2021
- Muriel and Nadja drafted the state-of-the-art report on deep borehole disposal based on the inputs by the involved SITEX.Network members plus the Topical Day 2020 and circulated it. Final report this year (target).

Wilfried Pfungsten, on behalf of SITEX_Network Management Board

(30th November 2021, SITEX_Network, Secretary General)

ANNEX 3: Financial report 2021

Financial report 2020-2021								
Income								
Fees 2020--> all paid in 2021	Member	Fee category	Plan	Original category	Received on account	All fees for 2021 will be issued in December 2021 (to be paid early in 2022)		
	Bel V		3	4500	4.500,00 €			
	SURO		2	1500	1.500,00 €			
	EIMV		2	1500	1.500,00 €			
	GI-BAS		1	300	300,00 €			
	IRSN		3	4500	4.500,00 €			
	TS Enercon		2	1500	1.500,00 €			
	PSI		3	4500	4.500,00 €			
	PSI		3	4500	4.500,00 €		2x paid --> it will be considered as fee for 2021	
	VTT		3	4500	4.500,00 €			
	FANC		3	4500	4.500,00 €			
	MKG		1	300	300,00 €		4500	
	Mutadis		1	300	300,00 €		4500	
	NTW		1	300	300,00 €		4500	
	Ciis De Bure		1	300	300,00 €		4500	
	SYMLOG		1	300	0,00 €		4500	paid in 2020
	CNSC		3	4500	4.500,00 €			
	DEMOKRITOS		2	1500	1.500,00 €			
		total		39300	39.000,00 €			
Transfer 2020 Dec-->2021					44.110,58 €			
Total					83.110,58 €			
						83.110,58 € income		
						-22.664,99 € expenses		
Expenses	Issues	per year/activity	already paid in 2020		Total paid in 2021			
	Functioning							
	bank Master card	-140,00 €			-140,00 €			
	bank costs (4,40 €/month)	-52,80 €			-52,80 €			
	webpage	-585,00 €			0,00 €			
	administrartion support (HR)	-1.771,89 €			-1.771,89 €			
	administrative support (MDB)	-3.200,00 €						
	sub total	-5.749,69 €			-1.964,69 €			
	Activities							
	topical day	0,00 €						
	benchmarking	-10.000,00 €	-2.000,00 €		-4.000,00 €			
	SRA SS&CS	-7.000,00 €			-7.000,00 €			
	PEP online events	-11.400,00 €			-5.700,00 €			
	PEP label	-12.000,00 €			-4.000,00 €			
	sub total	-40.400,00 €			-20.700,00 €			
	Total	-46.149,69 €	-2.000,00 €	44.149,69 €	-22.664,69 €			
						21.485,00 € obligations from 2021 still to be paid		

ANNEX 4: Details about the discussion on communication aspects.

Reminder about the Members area of website:

File depository contains e.g. all MB meeting minutes, proxies, etc

GAs' material, including agendas, which are possible to comment.

MB Meetings area has similar structure as above.

File exchange area is only for exchanging files.

File exchange both upload and download, on depository only secretary general can upload files.

Video conference materials / other internal communication actions?

Video conference materials, other internal communications actions: all organisations have tools for videos.

Some organisations (regulator) might have problems with Zoom or Teams. But, globally, buying a license for a SITEX.Network videoconference tool seems not needed.

Concerning external communication (e.g., conferences/workshops next years, deliverables...)?

Exchanges:

Valery: Communication about events. Might be better not to publish anything, than too less.

Nadja: The benchmark report could be published – for example on our webpages like Twitter, LinkedIn, YouTube, etc.

Wilfried: Links to communicates about Lunch&Learn sessions of EURAD could be published.

Social media should be very active, otherwise it is not working at all.

Valery: We could communicate more in social media. Newsletter.

Delphine: We could increase our communication with short/small videos. Short summaries of SITEX events.

ETSON as an example of good communications, but not much news from waste aspects.

Voice recordings of presentations explaining the most important findings of slide presentations.

Jitka: Some news of organisations from member organisations on our web pages.

Julie: Newsletter from the SITEX point of view – as part of the newsletter.

Gilles: Connected to EURAD, possible to communicate SITEX and CS point of view: safety point of view. CORI and UMAN as examples. Sort of material for communications to SITEX.

Alexis: We could communicate activities with CORI and UMAN, Safety Functions given by CORI. Workshops between CORI and UMAN are foreseen. Risk of releasing results of EURAD too early.

Gabriele: Not enough material from one single country to complete one newsletter.

Wilfried: Should it be an extra branch on our webpages' news/events/other.

Valery: no separate section on the website seems needed for newsletter.

Delphine: Another section better for newsletter, or not that important.

Ferenc: How many news we have? How often we can publish something.

Wilfried: If much news separate section.

Valery: Every two months, EURAD can enable more often.

Concerning L&L sessions of EURAD:

Delphine: EURAD invites SITEX.Network for two Lunch&Learn -sessions (30 min presentation and 30 min for discussion). We need to decide to have those L&L or not, and on what topic. Proposal: one on the presentation of the PEP and one on the DBR report.

Frederic: From a general point of view, we need clear explanation how to use the PEP Game, and other details.

Wilfried: Indeed, we need good view about these issues. "I think the PEP charter is a priority. It could be good to develop it in the coming months. I'm afraid that end of 2022 is late."

Wilfried: SITEX has 3 PEP-sessions, can be used as examples for EURAD L&L. We have some outcome about these, too. We should be more prepared for L&L sessions, than we are just now.

Delphine: proposal is L&L in June about DBR and in autumn about PEP, so we have more time to get prepared for the PEP (development of a charter).

ANNEX 5: details about the discussions on networking and possible new members

Concerning ETSON

Valery and Delphine presented views on how to articulate ETSON and SITEX.Network activities to the ETSON MB on 17.6.2021 (their presentation is given to the GA). Key messages:

- Two complementary approaches (SITEX, back end, and ETSON more interested on front end of Waste Management (facility, producing waste)).
- SITEX more interacting with IGD-TP, EURAD, EuradScience. ETSON is more interacting with IAEA.
- ETSON is a large TSO community, SITEX is a multiactors network with a TSO College.

GA agree to continue developing those complementing views with ETSON.

Markus informs the GA that he becomes the leader of the ETSON WG on waste management.

Delphine and Valéry understood from ETSON that the expert group had first to be (re)build before defining the leader. It should be verified at ETSON level what are the current actions needed and plans to develop this expert group.

Concerning possible new SITEX.Network members

Wilfried: In EURAD German regulator (BASE ??) wants to be member of EuradScience but it is impossible as BASE is a regulator; they should be in SITEX. ENSI is another possible member, already contacted but no clear outcomes. About the possibility of having members as individuals: this would be an issue if there are too many (e.g., for voting, they would have same voice as a whole organisation).

Gabriele: CS are often single persons!

Gilles: Some important TSO are out, but not good to hesitate them too much. CSO people have heavy load already, it is expensive for them to be members in SITEX. More interest on not only technical aspects.

Valery: About new members, the priority seems more on developing what we have in SITEX, than having new members.

Delphine: True but one or two regulators more would be very welcome. We could target 20 organisations.

Annex 6: Details about the roundtable discussion on the situation of RWM programmes

Jitka (presentation): 4 sites selected for geological disposal – 20 years ago)

Markus: Posiva will soon apply construction license for spent fuel repository. OL3 fuel loaded in spring (they have pay VYR, which means more public funding for waste research), TVO obtained permission to make OL3 critical, happened early morning 21 December.

Johan: Political discussion about the spent fuel final repository. Intermediate level repository application separated from SF final repository. Government crisis in Sweden: only social democrats, a possibility to have repository decision in Sweden.

Julie Brown Canadian Nuclear Safety Commission: – site selection process (2 sites remaining). A few slides NWMO programme: two sites selected, of which one will be the final one Formal licensing process.

Frederic: A separate document by e-mail. In Belgium there is no national policy, the responsible is ONDRAF/NIRAS which is a WMO. The Federal government will have to take decision in the coming month. First event in April and November 2021; PEP session with university of Liege – intent to repeat this in the coming year. The new process of the policies includes CS, so it is relevant to have this PEP tool.

Wilfried: pilot part, monitoring & retrievability. Swiss Fed of Energy (New Law in 2006). In the middle of stage 3 before 2030 where a single site will be chosen among the 3 selected throughout all Switzerland. Final closure is foreseen in 2125 with an optional referendum in 2031 (if enough signatures – classic in Switzerland).

ANNEX 7: Preparatory note for the last day of the GA



SITEX GA 5, Part 3/3

Friday 21/01/2022

Dear Colleagues from the SITEX.Network General Assembly,

The Management Board wishes you a happy new year and his best wishes for 2022. In preparation of the last part of the 5th SITEX.Network General Assembly (21st of January 2022, online meeting) you will find in this note the following information:

- A reference to draft minutes of Parts 1 & 2/3 of the GA,
- An updated agenda for Part 3/3 of the GA,
- The connection link to this last part of the GA (with Zoom).

If you need more information to prepare the GA, please do not hesitate to contact the Management Board (valery.detilleux@belv.be, Cc: secretary@sitex.network).

Looking forward to seeing you on Friday the 21st of January 2022.

Valéry Detilleux.

- on behalf of the SITEX.Network Management Board.

Reference to draft minutes of Parts 1 & 2/3 of the GA

Draft minutes are available in the document: *GA5 Minutes ver1.doc* (attached to the email accompanying this note). Draft minutes include voted resolutions, a synthesis of the key exchanges and first conclusions. If you have any comment or suggestion about these draft minutes, please contact our General Secretary (markus.olin@vtt.fi, Cc: valery.detilleux@belv.be and secretary@sitex.network).

Updated agenda for Part 3/3 of the GA

The agenda has been updated by the Management Board to include the points of Parts 1 and 2 of the General Assembly that were not discussed for time reasons. There is no changes to the Resolutions to be voted identified in the initial agenda.

GA Day 3 (21/01/2022)	
9:00- 9:15	Introduction - Key decisions / messages from days 1 and 2 - Results from Mentimeter - Agenda day 3
9:15-9:45	PEP Activities: presentation by Julien (Mutadis)
9:45-11:00	Work programme & budget 2022 + vision for next 5 years (including timescales) <i>Work in 2 small groups to make participants active in thinking about future activities for SITEX.</i> Overview and consolidation (referents, schedule, budget, LT vision...) of the proposals and approval of the program / vision aspects: <i>Should end up with a collective approval.</i> Resolution 6 – Vote: Activity/Work programme 2022 is approved
11:00-11:30	Break <i>During the break budget 2022 will be updated to consider discussions / decisions during previous agenda item.</i>
11:30-11:45	Budget finalisation Budget 2022: presentation / discussion Member fees, bank account, invoices (information) Resolution 7 – Vote: The Budget 2022 is approved.
11:00- 12:00	- Any other business - Plan of actions - wrap up

Connection link to the last part of the GA (with Zoom)

→ <https://us02web.zoom.us/j/5839111387>

Draft programme of activities for 2022

Considering the exchanges during the first parts of the General Assembly, a draft programme of SITEX.Network activities for 2022 has been prepared by the Management Board. This draft is presented in the table below. It will be an input for the discussions associated to the Resolutions 6 and 7 of the agenda of the Part 3 of the General Assembly (see the agenda above). Any comments or suggestions are welcome. Note that leaders will have to be identified for all activities that will be included in the final programme of activities. If you are interested in leading one activity, do not hesitate to contact the Management Board, or declare your interest during Part 3 of the General Assembly.

#	Activity	Short description	Leader	Link with ETSON?	Budget
1	Develop a 5-year vision document.	Midterm strategy and vision of the Network. It will introduce and refer to the updated SRA, the key activities foreseen & their outputs. Our expected interactions with international bodies (including ETSON) and projects will also be described.	Bel V	Needed	
2	SSRA Update	Provide an update of the existing SITEX.Network SRA in collaboration with the EURAD TSO College. This updated SRA is expected in June 2021 at the latest, as an input for the update of the EURAD SRA.		Possible	
3	Benchmark of SC review approaches (Part2)	Valorize the achievements and findings of the former "Part1" of the activity and compare more in-depth the reviewing approaches (with modeling).	FANC		15k EUR (10k EUR for meetings + 5kEUR for White Ox)
4	PEP Label (Continued – started in 9/2021)	Develop a charter to provide a framework for a wider PEP utilization. Advertising material about the PEP, as well as a more robust on-line version need to be developed, too.	Mutadis		12kEUR (4k EUR already paid)
5	Training	Contribute to the EURAD Training about Safety Case review. Links are possible with the activity #3 (e.g., examples could be taken from the fictive safety case and the conclusions of the "Part1" of the activity)	SURO		

6	Review paper about 3S of Radioactive Waste Management	How to manage 3S (Safety, Security & Safeguards) interfaces in waste management? How to management Safeguards on the LT (how to apply IAEA requirements)?		Needed	
7	Topical Day	Topic could be monitoring (during operational phase and after closure) & reversibility. We could develop links with ETSON: invite experts from ETSON for exchanges about monitoring in other facilities or activities (e.g., dismantling).		Possible	
8	Start a technical collaboration on modelling activities?	A survey of codes which are used by SITEX.Network partners could be done. A benchmark on a modelling case could also be done, to identify possible weaknesses / strengths of codes on which we could further exchange / collaborate.			
9	The Rolling Stewardship	SITEXNetwork could contribute to the new NTW activity about the concept of « the Rolling Stewardship ».			

ANNEX 8: Results from the Mentimeter session

Mentimeter

SITEX.Network Perspectives

Not especially about short term perspectives.
More about how should the network evolve on the mid- long-term.



What is the main strength of the network?

Mentimeter

coherence
active activity
collaboration
diversity
integration
pluralistic
pep
plurality
civil society

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What should we improve?

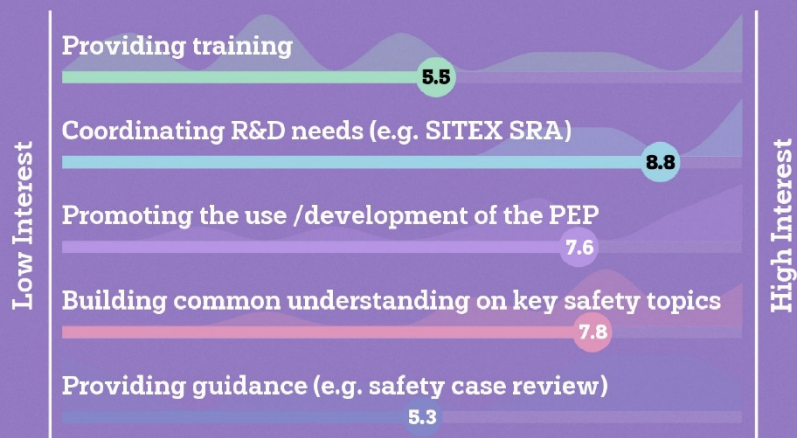
Mentimeter



10

Your level of interest in existing/future Network activities on:

Mentimeter



12

What should we create (new developments)?

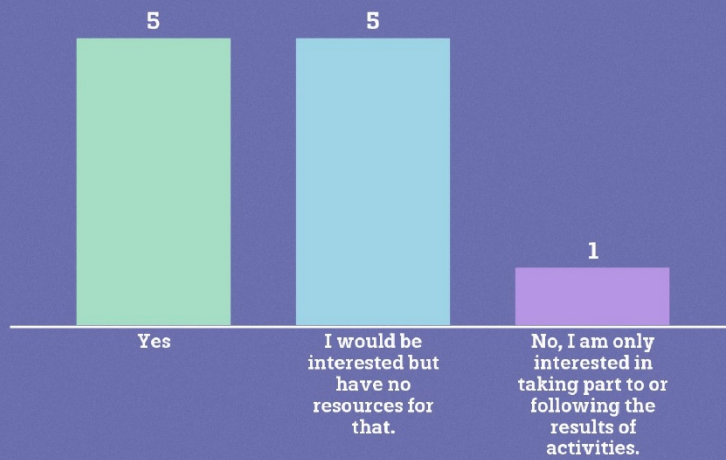
Mentimeter

videos consolidation
 consolidate what exists
better improve what exist
 own blog consolidate existing
 knowledge management
 other «role games»

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Are you interested in taking the lead of a (future) Network activity?

Mentimeter



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ANNEX 9: Planned Budget for 2022

Planned budgeted 2022									
Activities in 2022	Amount			New fees for 2021 --> to be paid in 2022	Amount			Foreseen financial flow	Amount
1. Functioning				Bel V	4.500,00 €			Income (fees)	30.300,00 €
6rd GA (without travel expenses) estimate	1.000,00 €			SURO	1.500,00 €			transfer of funds (from 2021)	38.960,89 €
web maintainance	600,00 €			EIMV	1.500,00 €			expenses	-36.400,00 €
Master card - fee	140,00 €			GI-BAS	300,00 €				
bank costs (4,40 €/month)	60,00 €			IRSN	4.500,00 €			Total at the end of 2022	32.860,89 €
secretariat	9.600,00 €			TS Enercon	1.500,00 €				
sub total	11.400,00 €			PSI	0,00 €	paid in 2021			
2. Activities/Projects				VTT	4.500,00 €				
Develop a 5 year vision document	0,00 €			FANC	4.500,00 €				
SRA Update	5.000,00 €			MKG	300,00 €				
Benchmark of SC review approaches (Part2)	15.000,00 €			Mutadis	300,00 €				
PEP Charter	included already in 2021 (still 8000,00 €)			NTW	300,00 €				
PEP ToR upgrade	0,00 €			Clis De Bure	300,00 €				
PEP upgrade	fundraising (cca 20.000,00 €)			AIE	300,00 €				
Training	0,00 €			CNSC	4.500,00 €				
Review paper about 3S of Radioactive Waste Management	0,00 €			Demokritos	1.500,00 €				
Topical Day	5.000,00 €			Total	30.300,00 €				
Start a technical collaboration on modelling activities	0,00 €								
The rolling stewardship	0,00 €								
Sub total	25.000,00 €								
Total foreseen expenses	36.400,00 €								