

7<sup>th</sup> CERN Baltic Group General Meeting Riga, 23 of August 2021 Hybrid format: in-person @ University of Latvia + Zoom

Agenda and supporting documents are available at <u>7th CERN Baltic Group General Meeting (August 23, 2021) · Indico</u>

# Summary of the meeting

- 1. Welcome address to the General Meeting participants by prof. Mārcis Auziņš, UL and CBG Chairman prof. Toms Torims, RTU.
- 2. Agenda is adopted with no additional points. Participants of the meeting are listed in Annex I.
- 3. The **Chairman** reminds of the overall objectives and the general principles of the CBG and **provides an update** on activities carried out since the last General Meeting in October 2020 (see presentation<sup>1</sup>).

**Policy Actions** - strengthening and developing the Baltic High Energy Physics community:

- The CERN **Baltic Teacher Programme** has been cancelled for 2020 and 2021. There is willingness to organise The Baltic Teacher Programme 2022 from 3-9 April 2022 Baltic at CERN<sup>2</sup>. Some direct virtual engagements took place with the Teachers' Programme team at CERN. Organisers were informed that CBG can provide valuable national expert lectures for the next Programmes.
- The **Baltic School on High Energy Physics and Accelerator Technologies** has been successfully organised in Aug 2021.
- Engagement with **TIARA** has been maintained and importance of the CBG members' participation in the accelerator community projects was reiterated. HERTIS Collaboration progress has been reported to the TIARA Collaboration Council<sup>3</sup>. It is important, in the near future, to organise TIARA meeting in the Baltic region see decisions below.
- So far little has been done to support and encourage member institution participation **Future Circular Collider** study. Although, RTU has maintained its presence at FCC and participated in the virtual FCC week from 28 June 2021 to 2 July 2021<sup>4</sup>, much more could be done to find synergies between partners of CBG.
- CBG has effectively managed to join the major **CERN-coordinated H2020 projects.**

<sup>&</sup>lt;sup>1</sup> Evolution of the CERN Baltic Group

<sup>&</sup>lt;sup>2</sup> Baltic Teacher Programme (3-9 April 2022): Overview · Indico (cern.ch)

<sup>&</sup>lt;sup>3</sup> 19th Meeting of the TIARA Collaboration Council on 29th June 2021 (June 29, 2021) · Indico (cern.ch)

<sup>4 &</sup>lt;u>FCC Week 2021 (28 June 2021 - 2 July 2021): Overview · Indico (cern.ch)</u>

- During the Latvia's accession dialogue with CERN<sup>5</sup> importance of the **CERN Baltic Internship Programme** and its link to the upcoming High Energy Physics and Accelerator Technology Doctoral programme was discussed and cautiously positive signals were received from the CERN colleagues. Further work in liaison with Baltic Assembly and CERN will be needed here.
- On the same occasion willingness of the CBG Members to engage and contribute to the CERN Science Gateway<sup>6</sup> project was reiterated. This also has been communicated to CERN (see Annex II) and will require further follow-up.
- Fruitful liaison with **Baltic Assembly** has been continued:
  - On 26<sup>th</sup> March 2021 CBG Chairman and Deputy Chairman had a pleasure to participate in Baltic Assembly digital meeting and to report on the CBG progress and cooperation with CERN. Report was welcomed by the Members of the Education, Science and Culture Committee of the Baltic Assembly.
  - On 28<sup>th</sup> June 2021, the President of the Baltic Assembly and its distinguished Members have participated in the inaugural CERN Baltic Conference. During the first session "Policy and Strategy", the importance of cooperation between the Baltic States and CERN was highlighted by high level experts from the Baltic States, as well as representatives from CERN and from the CERN Baltic Group<sup>7</sup>.
  - Dialogue with CERN management was maintained to evaluate the possibilities of holding on of the next sessions of the Baltic Assembly in Geneva at CERN Globe. This will be followed-up considering the global epidemiological situation and CERN Covid-19 Level.
- Invitation to **new Partners** in Baltic countries to join the CBG is open. Member institution representatives are welcome to consider this within their national scientific network.
- High-efficiency and collegiality of the **CBG Technical Coordination Team** has been maintained, this is great extent thanks to the commitment, mutual respect, and clear common goals. CBG is working fine and so far, there have been 40+ CBG joint events and meetings.
- The inaugural **CERN Baltic Conference** (CBC 2021) has been organised and efficaciously performed in the virtual mode under auspices of University of Tartu in June 2021.
- **CBG Mission Statement** is a work in progress.
- CBG **collaboration with Scandinavia and Finland** still to be discussed and further explored.
- **CBG Study Programme Group** made excellent progress and programme will commence to enrol students in this autumn.

### Industry engagement Activities:

- Initial **mapping** of CERN-relevant industries in the Baltic States has been done by the CBG and now this information is handed-over to the Baltic ILOs.

<sup>&</sup>lt;sup>5</sup> Latvia (11 February 2021) · Indico (cern.ch)

<sup>&</sup>lt;sup>6</sup> Home | CERN Science Gateway

<sup>7</sup> Baltic Assembly participating in the inaugural CERN Baltic Conference (baltasam.org)

- Dedicated **CBG ILO meeting**<sup>8</sup> was organised in March 2021 to discuss trilateral cooperation possibilities and to exchange experience on how to work with CERN procurement and engage national industries. Shares and experience of Lithuanian ILO were particular useful.
- Now all three Baltic States are Associate Members of CERN and all three are having ILOs

   this cooperation and coordination now must come into more active mode.

  Participation of ILOs in CBG activities remains crucial to fostering industrial cooperation with CERN and its experiments.
- Importantly two major events shall be organised next in close cooperation between CBG, ILOs, CERN procurement and international relations:
  - CERN Industry Road Show in Baltic States in 2022
  - **Baltic Industry Days** at CERN in 2022
- **Convenor of CBG Industry Group** Dr. Mario Kadastik, would no longer be able to lead the group. CBG General Meeting thanked Dr. Kadastik for his engagement and previous efforts. Estonian Partners shall propose a new candidate Convenor and CBG will deliberate over this point virtually or in the next General Meeting.

At the same time **CBG CMS Group** activities are somehow legging behind and better coordination and personal encouragement is needed. In this context CBG General Meeting discussed this issue and come to decision to reorganise the work of the CMS Group, to enlarge its scope and to rename it - see decisions below.

- 4. Chairman outlines eventual **future steps and** propose **priorities** for the consideration and discussion of this meeting:
  - As of August 2021, all three Baltic States are CERN Associate Members. To benefit from this membership and to continue with the fulfilment of CBG objectives, very close CBG coordination and engagement with **Baltic CERN Council delegates** as well as with the **Finance and Scientific Committees members** is needed. CBG cooperation with Baltic ILOs can be taken as an example.
  - In the same context a high-level discussion and information exchange with **Baltic States Ambassadors** to UN in Geneva is crucial, along with ongoing dialogue between CBG and the **CERN Management**.
  - It has been confirmed, that in all three Baltic States there is clear political will and stakeholders support for the **full membership of Estonia, Latvia and Lithuania to CERN** in the attainable future. Naturally, recent experience shows that this process will require a very close coordination with all involved parties and series of activities in which CBG will have an important role to play.
  - Solid links between **Baltic industries and CERN** shall be nourished. CBG Member institution scientists and engineers who are working with the CERN projects (and/or at CERN) are the best focal-points to pass-on the relevant information of intersect to the ILOs. In turn scientific and engineering staff must be aware of the capabilities and ambitions of Baltic industries thus CBG industry mapping is important source of information. Promotion of joint R&D projects with CERN shall paramount topic for the **CBG Industry Group.**
  - CBG Conference 2021 clearly demonstrated the vast landscape of Baltic scientific

<sup>&</sup>lt;sup>8</sup> Baltic CERN ILO meeting (March 16, 2021) · Indico

participation in multitude of CERN experiments and collaborations. However, so far there is little or no cooperation (except CMS) between Members of CBG in this context. **Better information exchange and mapping** is needed, to at least make available (for other CBG members and public) information on "who is doing what" and to identify the potential synergies in the projects of High Energy Physics, Detector and Accelerator Technologies.

- So far CBG had no dedicated **financial resources** or instruments to perform its activities. Member institutions were on voluntary basis providing financial and human resources for CBG activities this demonstrates commitment of partners and devotion of its members. Great indirect support is provided by the Latvian Ministry of Education and Science in the scope of the Latvia's' CERN National Contact point activities this enables to partially cover staff costs of CBG Secretarial. It is highly appreciated by CBG and stakeholders CBG has reached a good level of maturity and scope of its activities is growing. Therefore, to ensure sustainability of CBG in long-term and to support its coherent activities, a dedicated budget is needed. There is multitude of projects to which CBG can write proposals. This must be discussed in detail and relevant networking projects to be identified within EU and Baltic framework.
- Chairman provides an update regarding major CERN-coordinated H2020 projects in which several CBG partner institutions are engaged: I.FAST<sup>9</sup>, HITRIplus<sup>10</sup>/NIMMS and PRISMAP<sup>11</sup>. These prestigious projects are up-and-running since May 2021 – participation of RTU, LU, TalTech and VMU in them is evidence of the high scientific and technical potential of CBG partners as well as openness of CERN to embrace the partners of Baltic region. HERTIS Collaboration is taking its shape – Memorandum of Understanding has been drafted and work with the stakeholders (e.g., European Commission, European Waterborne Technology Platform and IAEA) is continuing.
- 5. Representatives of each country inform regarding the state-of-play of **CERN related activities:** 
  - Dr. Mario Kadastik Estonia: previous ILO had left the position and Mr. Robert Aare is currently being appointed. Consequently, there has been disruption in the ILO activities. Mr. Aare has both CERN and industry work experience. Current priority for Estonian partners is to enrol as much students as possible into the relevant study programmes. Funding options still must be streamlined and better coordinated on national level. Estonian Research Council is currently recruiting an expert to run the Estonian CERN framework. On CERN related matters, there is ongoing coordination effort between NICPB, TalTech and UT.
  - Dr. Aurelijus Rinkevicius Lithuania: in VU the work is under way to establish new CERN related laboratory. Although, there is a full support to CERN activities at political level and among CBG partner institutions, at this stage, the wider Lithuanian scientific community is somehow reluctant vis-à-vis CERN related topics. In the same time, relevant master level study courses currently are significantly lacking the students.
    Prof. Brigita Abakevičienė: unfortunately, due to Covid-19 pandemic the CERN Accelerator Scholl (CAS), which was planned in Kaunas, has been cancelled twice. Nevertheless, there is good success in organising and participating in several International Masterclasses, in collaboration between KTU, IPOG and CERN. There are two projects granted to KTU by Lithuanian Academy of Sciences "Research and experimental development projects are related to the activities of CERN.

<sup>9</sup> Home | IFAST (ifast-project.eu)

<sup>&</sup>lt;sup>10</sup> <u>HITRIplus | Heavy Ion Therapy Research Integration</u>

<sup>&</sup>lt;sup>11</sup> <u>Home (prismap.eu)</u>

- Prof. Toms Torims Latvia became CERN Associate Member State on 2<sup>nd</sup> August 2021. Latvia. CERN Council Delegates have been appointed as well as representatives to the Financial and Scientific Committees. Dr. Lauma Muižniece from Investment and Development Agency of Latvia has been appointed as ILO and steadily is taking up her duties, in close dialog with the representative of Latvia at CERN. Engagement in the CERN scientific and engineering collaborations and projects is going strong: today there are 8-9 Latvian nationals on-site at CERN and about 20+ researchers and PhD students are directly contributing to the CERN based projects from their home institutions. This is in great extent thanks to the successful participation in the CERN Accelerator Technology projects and CMS experiment - both co-financed by the dedicated State Research Programme of High-Energy Physics and Accelerator Technologies as well as Latvia's contribution to the CMS. There are tangible results also from the Latvia's involvement in the MEDICIS, and AEgIS experiments. Well-coordinated CERN Latvia Stakeholders Group<sup>12</sup> is meeting regularly and is enabling to involve the main national scientific and industrial partners into CERN activities and to keep them up to date. Thus, number of potential industrial CERN suppliers are already in touch with CERN and this in turn facilitated ILO work.
- 6. Dr. Kārlis Dreimanis, RTU, reports on development of the **doctoral study programme "Particle physics and Accelerator Technologies"** and engagement of CBG lecturers. There is good progress, and it is planned to enrol the first students in October 2021. Despite there was no external advertisement this programme has attracted 6 motivated PhD students. CBG Study Programme Working Group is thankful for valuable inputs of all CBG partners into the new programme and especially expresses gratitude to those who will be directly contributing as lecturers. However, more engagement of CBG lectures is possible and very desirable. The study Program Council is currently being formed. General meeting agreed that CBG will nominate 2 institutional representatives to this Council - see decisions below.

Partners discussed whether the study courses shall be open or close to the students outside this programme. Agreement was reached that lectures should be open for CBG partner institution students. Furthermore, other students can be invited on discretion of the respective lecturer with the consent of the programme Director(s). Nevertheless, official recognition and ECTS *per se* will be given only to those students who are officially enrolled in the programme.

- 7. **Convenor of CBG Study Programme Working Group** Prof. Mārcis Auziņš had expressed his will to step-down as a Convenor of this Group. Thus, CBG thanked Prof. Auziņš for his good work as well as all indispensable contributions he have made and accepted the resignation. Subsequently a new proposed Convenor candidature of Dr. Kārlis Dreimanis was discussed, and Chairman initiated the vote. CBG general meeting with the vote of majority appointed Dr. Dreimanis as a Convenor of CBG Study Programme Working Group and wished him success in the execution of this important task.
- 8. Dr. Vahur Zadin, UT, reports on the outcome of **CERN Baltic Group Conference** (CBC 2021), which took place on June 28-30, under auspices of UT. The conference achieved all objectives and exceeded the expectations. It effectively connected vast and strong CERN-Baltic community and provided an excellent networking platform. CBC 2021 mapped most of the CERN related activities in Baltic States as well as embraced all relevant stakeholders and policy makers. There were 136 participants registered, with 70 talks and 53 abstracts. General Meeting concluded that CBC 2021 is great success of CBG and is demonstrating agility of CERN Baltic community at large. CBG thanks organisers and CBC 2021 Section Chairs.

In round-table discussion it was agreed that for the upcoming CBC's the good balance between

<sup>12</sup> Latvijas CERN Grupa · Indico

science and industry has to be maintained. During this virtual conference valuable lessons were learned, and they will be instrumental in the organisation of the following annual CBC's, e.g. need for a dedicated organising team at the hosting institution. Contentwise, more key notes are desirable, along with the need for inter-linking and provocative introduction/plenary talks to the topics. Summary talks for each of the session are mandatory – this could be done by the Session Chairs or expert in the field. More selective approach to the accepted talks shall be taken. Better public communication prior and post Conference is required as it is important community building event.

In addition to the above-mentioned observations, the CBG Coordination Team was asked to further elaborate on the feasibility of the poster presentations and options for the publication of the conference papers. General meeting agreed that the CBC 2022 in-person to be organised in Lithuania in Sep/Oct 2022 – see decisions.

9. Dr. Karlis Dreimanis reports on the inaugural **CERN Baltic School of High-Energy Physics and Accelerator Technologies**, which took place on August 2-6, Klapkalnciems, Latvia. General summary and participants feedback analysis is available on indico site of this meeting<sup>13</sup>. Wold-class lecturers, good organisation and committed students made this event a great success. School has received 69 international applications, 30 of those where accepted and attended the school. Importantly, <sup>1</sup>/<sub>2</sub> of those where from the CBG partner institutions. The total cost of the event matched initial calculations of 20 000 EUR. Registration fee might be needed next year, if there is no COST action or similar support mechanism in place. High Energy Physics and Accelerator Technology content and proportion appears to be the correct one and shall be followed also in subsequent CBG Schools. Student feedback indicated that this was not a repetition, instead the new skills were acquired – actual teaching-learning had happened.

CBG General meeting prised the success of the school as well as thanked organisers and lecturers. CBG agreed that the next annual in-person school is to be organised in Estonia in July/Aug 2022 under auspices of TalTech.

- 10. General meeting discussed a potential joint proposal within the "**Widening participation and strengthening the European Research Area**" within Horizon Europe Call<sup>14</sup>. There are two calls of CBG interest and relevance:
  - Teaming for Excellence HORIZON-WIDERA-2022-ACCESS-01-two-stage.
  - Excellence Hubs HORIZON-WIDERA-2022-ACCESS-04.

In discussion CBG agreed that for the first one an in-depth discussion among the partners is needed to identify the strategic goals and to ensure the regional approach. Additionally, for this call the institutional commitment and support must be safeguarded in advance. Considering the short application deadline, CBG decided at this stage not to go ahead with the proposal for this call. Instead, this could be done for the next Teaming for Excellence call, which apparently will follow in 2 years from now.

In this context and based on the previous discussions, the CBG has reiterated a clear need for one strategic regional research project related to the (so far *de facto* non-existent) major Research Infrastructure undertaking in the Baltic States. General meeting unanimously agreed that a very good candidate for this is the Advanced Particle (Cancer) Therapy Center in the Baltic States. It has been agreed to elaborate in this direction and to initiate an open

<sup>&</sup>lt;sup>13</sup> <u>CBG\_20210823\_bs.pdf (cern.ch)</u>

<sup>&</sup>lt;sup>14</sup> wp-11-widening-participation-and-strengthening-the-european-research-area horizon-2021-2022 en.pdf (europa.eu)

discussion between CBG and CERN, also engaging stakeholders from Baltic medical physics, radiotherapy, and oncology communities. CBG mandated Chairman to liaise with CERN and to organise a dedicate seminar<sup>15</sup> to initiate the above-mentioned consultations. This must be reported back within the next CBG General meeting.

As regards Excellence Hubs call – CBG recommended to prepare a short concept paper for the future consideration in the upcoming meetings.

Additionally, importance of the financial instruments for the development of the High Energy Physics and Accelerator Technology master student programme was reiterated. Hence, Convenor of CBG Study Programme Working Group, was mandated to take a lead in this exercise and to evaluate EU funding possibilities within the Erasmus+ framework and to oversee the timely preparation of the relevant proposal.

- 11. Dr. Aurelijus Rinkevicius, Convenor of the Activity, informs about the Development of joint CBG Mission statement. During discussion CBG agreed to title the document: "**Baltic Strategy for High Energy Physics and Accelerator Technology**". As it was agreed in the 6<sup>th</sup> CBG meeting, this strategic CBG document shall be based on the main ideas of the European Strategy for Particle Physics and relevant EU Policy documents, linked with relevant national development strategies as well as related to the applicable CERN Council decisions. It must be short and concise; its content must be grounded in the good practices of the strategic documents with clear goals, objectives and proposed multidisciplinary actions. Baltic Strategy for High Energy Physics and Accelerator Technology shall be realistic and linked with the current situation within the CBG partner institutions and reflect interests of the CERN Baltic community.
- 12. Discussion on **joint CBG communication activities and outreach** takes place. To proliferate CBG ideas and to maximise stakeholder engagement, much better communication from CBG is needed. Especially, after CBG General meetings and major events, brief summaries must be prepared for the web platforms and social media accounts of the partner institutions. It was agreed that organising partner institution will take responsibility for that will draft such briefing and will communicate it to all institutional representatives of CBG for fast approval and immediate release. For this meeting VU volunteered to prepare such beefing. On top of that, the CBG communication strategy can be developed in the future.
- 13. Review of CBG **Work Programme and Objectives for 2021 2022** concluded that CBG functions well and set overall objectives are still pertinent. Required further actions are outlined below. General meeting agreed that the overarching goal for the CBG community is coordinated and well managed cooperation with CERN and relevant stakeholders, which shall **facilitate the process to the full membership of all three Baltic States at CERN**.

# The following decisions have been taken and further actions collegially agreed during the General Meeting:

- I. Policy Actions strengthening and development of the Baltic High Energy Physics community:
  - 14. **CERN Council Members of Baltic Countries** as well as representatives of the Financial and Scientific Policy committees are kindly invited to take an integral part in all further CBG General Meetings. Dedicated addenda point for the feed-back from the CERN Council weeks hall be standing point in the CBG general meeting programme.

<sup>&</sup>lt;sup>15</sup> Advanced particle therapy options for Baltics (8 October 2021) · Indico (cern.ch)

- 15. To continue close collaboration and coordination with the **Baltic Assembly**.
- 16. To initiate coordination activities with the **Baltic States Ambassadors** to UN in Geneva.
- 17. To continue dialogue with CERN regarding CBG involvement in the **Science Gateway project.**
- 18. To maintain the dialogue with CERN on how organise the **CERN Baltic Internship Programme.**
- 19. To propose **TIARA collaboration** to organise a meeting in one of the CBG partner institutions.
- 20. To seek actively exchange and coordination possibilities with **Scandinavian and Finish partners**.
- 21. To organise the annual **CERN Baltic Group Conference** CBC 2022 in Lithuania September/October 2022. Lithuania to notify CBG, by November 2022, the venue and organisers.
- 22. To organise **CERN Baltic School of High-Energy Physics and Accelerator Technologies** in Estonia under auspices of TalTech in July/August 2022.
- 23. CBG Coordination Team to prepare a short report re feasibility of CBG participation in the Widening the European Research Area **call "Excellence Hubs**".
- 24. To continue development of the proposal: **Baltic Strategy for High Energy Physics and Accelerator Technology.**
- 25. To develop a concept-paper on **Advanced Particle (Cancer) Therapy Center** in the Baltic States, in close cooperation with CERN and relevant stakeholders.
- 26. Lithuania and Estonia shall nominate in writing their institutional **representatives to the Study Program Council** of the doctoral programme of High Energy Physics and Accelerator Technology.

### II. Industry engagement Activities

- 27. To assist Baltic ILO's in organisation of the CERN **Industry Road Show** in Baltic States in 2022 and **Baltic Industry Days** at CERN in 2022.
- 28. Estonia to propose in writing a new candidate for the CBG **Industry Working Group Convenor**.

# III. Scientific and Technology Working Group Activities

29. "CBG CMS Working Group" is renamed to "**Scientific and Technology Working Group**" – its scope is enlarged to cover all scientific and technological aspects of the versatile CBG landscape. Convenor of the Group shall remain Dr. Aurelijus Rinkevicius, VU. The Working group is welcome to organise its work by relevant subtopics.

CBG agreed to organise the next in-person General Meeting in November 2021, if possible at CERN.

CBG Coordination Team remote meeting to be organised in October 2021.

Annex I

# Participants of the 7<sup>th</sup> CERN Baltic Group General Meeting Hybrid, 23 of August 2021

## The Representatives of CBG Members with the voting rights

- 1. Prof. Toms Torims, RTU Chairman of the CBG
- 2. Dr. Mario Kadastik, NICPB Deputy Chairman of the CBG, Convenor of the CBG Industry Group
- 3. Prof. Mārcis Auziņš, UL
- 4. Dr. Aurelijus Rinkevicius, VU Convenor of the Scientific and Technology Working Group
- 5. Prof. Brigita Abakevičienė, KTU
- 6. Prof. Renno Veinthal, TalTech
- 7. Dr. Jevgenijs Proskurins, RSU (remotely)
- 8. Dr. Vahur Zadin, UT (by delegation)

Excused: Prof. Saulius Mickevicius, VMU

### Other contributors invited by Members

- 9. Dr. Kārlis Dreimanis, RTU Convenor of the CBG Study Programme Group
- 10. Dr. Stefan Groote, UT
- 11. Dr. Andrius Juodagalvis, VU
- 12. Prof. Yury Dokshitser, RTU
- 13. Dr. Thomas Gajdosik, VU

### **CBG Secretariat**

- 14. Ms. Aija Rūse, RTU
- 15. Ms. Elīna Grate, RTU
- 16. Ms. Silva Vītola, RTU

#### **Toms Torims**

From:	Toms Torims
Sent:	Thursday, May 27, 2021 6:04 PM
To:	Charlotte Lindberg Warakaulle; Sascha Schmeling; Patrick Geeraert
Cc:	Christoph Schaefer; Jerome Pierlot; Ana Godinho; Emma Sanders; Julia Woithe
Subject:	CERN Baltic Group contribution and engagement in the Science Gateway
Subject:	CERN Baltic Group contribution and engagement in the Science Gateway collaboration

Dear Charlotte, dear Colleagues,

With this e-mail I would like to follow-up on our previous discussions and to see how CERN Baltic Group (CBG) could be engaged in the Science Gateway collaboration and how we can contribute to this noble exercise. https://indico.cem.ch/category/10023/

To put it in the context:

- CBG have discussed this project within 5th and 6th General Meetings and CBG have decided to prioritise it as one of its Policy Actions - "strengthening and development of the Baltic High Energy Physics community": [...To actively explore opportunities of CBG members participation in the CERN Science Gateway (CSG) project and to engage directly with the CSG management.]
- In Nov 2020 we have had a meeting with Partick and Christoph "CERN Baltic Group engagement in the CERN SGW", where we have agreed to see contribution possibilities while awaiting until project is maturing.
- In 11 Feb 2021 we had a coordination meeting with you, Ambassador to UN and CERN colleagues where we have discussed *inter alia* CBG desire to engage in the Science Gateway project.

After Science Gateway Town Hall meeting of 22 April 2021, we have had a series of bilateral meetings among the partners and we see the following avenues to explore:

- Content we could contribute to the content of the project. for instance, artistic experience and child/youth specific content and animations.
- Societal application of the accelerator we are engaged in several project and collaborations and would be happy to provide our expertise and inputs.
- Linguistic part translation into Latvian, Estonian and Lithuanian languages. We have experience with that in all thee countries in the context of CERN traveling exposition.
- Proliferation of information within our communities among CBG members and nationwide in Baltic States + Baltic Assembly.
- Linked expositions A gateway for Member States we could share the content in our National Libraries and science exposition hubs (e.g. <u>https://www.lnb.lv/en</u> and <u>https://ahhaa.ee</u>)
- At the later stage we can help you to coordinate volunteers who can guide the groups, workshops, etc.

Finally, we have already people in region who are happy to engage on voluntary base in this project.

I would highly appreciate your feedback.

Kind regards,

Toms