



BEPA
Batteries European
Partnership Association

Activity Report 2022



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WELCOME BY SECRETARY GENERAL

PHILIPPE JACQUES



In the past year, BEPA has finalised the new Horizon Europe Work Programme, as well as streamlined the European battery R&I community with new joint working groups. After its final publication in November, the work programme for 2023 and 2024 became the 2nd work programme with the battery calls developed by battery experts for the Batt4EU Partnership. However, this work programme is significant, as it is the first to be developed by the industry and research experts working together in the BEPA working groups. After work on these topics began in September 2021, the working groups continued to work closely with our colleagues in the European Commission to finetune these topics into the summer of 2022.

“Last year saw the launch of projects from the 2021 battery calls. A total 22 battery projects were launched, which saw the involvement of many BEPA members, but also a healthy dose of outsiders, showing that we the Partnership is not a closed shop, but that the calls are open for everyone who can make a contribution to the European battery value chain”

However, of these 22 projects, 19 of them are being coordinated by BEPA members, which does show that involvement in the Partnership is helpful to build excellent proposals. BEPA has already made contact with the coordinators of the 2021 projects and we look forward to seeing the scientific achievements over the next years. The calls from 2022 are now closed, and the awarded projects have been contacted. This work programme resulted in a very high number of applications, with several calls seeing more than a dozen applications.



With 93 applications in total for battery topics in 2022, we can see that the wider battery community has a great appetite for the topics BEPA has produced, and we very much look forward to seeing this trend continue with the recently launched work programme 2023-2024.

“I would like to thank all of our experts for their work on all of these calls over both work programmes, and strongly encourage our members to apply for the calls that you have helped create. After the working groups concluding their development of Horizon Europe battery topics in the summer, BEPA was thrilled to launch a new form of collaboration with the European battery community. In order to streamline the battery research and innovation ecosystem BEPA and the Batteries Europe ETIP merged their working groups. These new joint working groups have now begun working on a new Strategic Research and Innovation Agenda.”

In order to streamline the battery research and innovation ecosystem BEPA and the Batteries Europe ETIP merged their working groups. These new joint working groups have now begun working on a new Strategic Research and Innovation Agenda. This will not only act as an update for the 2021 SRIA published by BEPA, but it will also give the European battery ecosystem a common voice on the state of play, needs and challenges facing Europe.

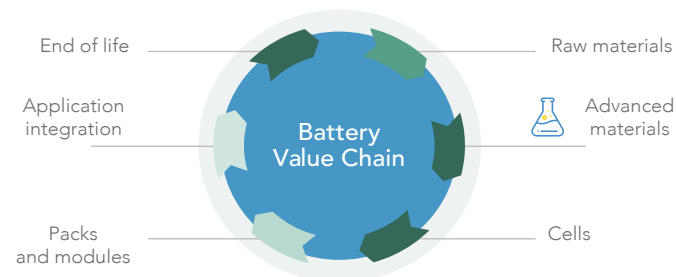
The joint working groups will be complimented by seven task forces, which will also bring together experts from BEPA and Batteries Europe to address transversal aspects across the value chain, as well as taking on some non-technical aspects, like standards, education, and innovation uptake. These task forces will soon be beginning their work, with the exception of BEPA's innovation uptake task force which has continued its work since its launch in early 2022. Along with close collaboration with Batteries Europe, BEPA has also significantly extended its collaboration activities with other partnerships, ensuring continuity along the value chain and into the end user applications. BEPA was very happy to sign and launch the collaboration agreement with EGVA for 2ZERO and the European Commission's Joint Research Centre, which allows for easy information sharing on ongoing projects and topics of interest of each of the three parties. This was complimented by the publication of the second joint call between BATT4EU and the 2ZERO partnership, included in the 2023 work programme. Finally, BEPA has also concluded and signed a collaboration agreement with the Zero Emission Waterborne Transport Partnership. We look forward to see the fruits of this collaboration, and hope to engage in further collaboration among e-mobility partnerships and Partnerships in the field of manufacturing and processing.



THE BATTERIES EUROPEAN PARTNERSHIP ASSOCIATION (BEPA)

OVERVIEW

The Batteries European Partnership Association (BEPA) is the private-side association of the Batt4EU Partnership: a co-programmed partnership under the Horizon Europe R&I programme driving research towards a more competitive, sustainable and circular European battery value-chain. The Batt4EU Partnership therefore gathers – on the public side – the European Commission, and - on the private side – members of BEPA. BEPA's main mission is to identify, prioritise and draft the R&I topics to be included in the Horizon Europe Work Programmes.



The BATT4EU Partnership aims to achieve the following objectives:



Support the development of **differentiating technologies** used in battery materials, cell design and manufacturing, and battery recycling.



Accelerate the deployment of sustainable and affordable **battery solutions for clean mobility**.



Enable a cost-effective **integration of renewable energy sources** in the power grid.

This is done based on the Strategic Research and Innovation Agenda (SRIA), developed by the BEPA experts and in alignment with the three specific objectives defined by the founding members of the association: To achieve these objectives, the Batt4EU Partnership is covering all the different segments of the battery value-chain: from raw materials to recycling and end-of life aspects. BEPA's governing bodies (Executive Board, Association Delegation) are composed of representatives and delegates coming from different sectors: raw materials, advanced materials, cell design and manufacturing, battery applications and recycling to ensure equal representation for each sector.

RECAP OF 2021

2021 brought many significant milestones for BEPA



The Memorandum of Understanding was signed in June, officially bringing the partnership into full force between the Commission and the Association.

1

2

The Technical Working Groups were launched, with 5 working groups to cover the full value chain, along with transversal topics like safety, and sustainability.

3

In the summer these working groups elected their core teams, with members choosing the leaders, co-leaders, and technical advisors amongst themselves to guide the groups through the main task of defining the next Horizon Europe Work Programme.

4

This main task was launched in September, with working groups gathering every month to develop and refine their priority topics for Horizon Europe. The groups met every month from then on to further define and develop these topics, with input from the experts of the working groups, association delegation, and European Commission.

5

Also in September, the first Strategic Research and Innovation Agenda (SRIA) was approved by the Partnership Board and published

6

The first Battery Innovation Days event was held in November, bringing more than 1500 participants together across three days of discussion on important battery R&I topics.

HORIZON EUROPE WORK PROGRAMME 2023-2024

BATT4EU CALLS FOR 2023

This began with a brainstorming meeting, where members could discuss what they see as priority needs, compare them to ongoing topics, and get an idea of what these topics would entail.

Members then had a month to share their ideas as orientations, with a title, brief description and rough estimate of necessary budget.

These ideas were consolidated by the core teams and BEPA Association Delegation and then presented to the Commission, which then returned back the final approved topics to develop further.

Members of the Technical Working Groups then broke into Drafting Teams, led by members to elaborate on these topics and develop the first draft of the topic as a Horizon Europe call. These were written during December, with the deadline for the first draft set in January 2022.

In 2020, a temporary Battery Partnership Shadow Group was put in place while BEPA gathered the private-side stakeholders of the European battery community. This shadow group was made up of experts in their field, already familiar with EU battery landscape and regulatory framework.

They drafted the Work Programme 2021-22, while the association was still in early stages of operation. After launch in 2021 however, the Technical Working Groups made up of experts were able to take on this task, and created the work programme 2023-24.

The first draft was approved by the Association Delegation and sent to the Commission in January, beginning the first of three rounds of feedback and revisions of the topics. Initial feedback was given by DG RTD, and other relevant Commission bodies, such as DG ENER, DG CNECT, DG MOVE, and DG CLIMA.

The drafts then went on to the Member State representatives for feedback, and further comments and clarifications were given by CINEA, the Commission Agency responsible

for grading applications to Horizon Europe Calls and choosing the winning projects, as well as the Commission's Joint Research Centre (JRC).

Once all comments and revisions were consolidated and reviewed by the Drafting Teams, the updated drafts which accommodated the feedback was then shared with the Technical Working Groups, where all of the experts could then pitch in with their feedback for any final revisions. Following this, the updated draft was

sent to the Commission where the process would start over again, with this process done four times in total. Final draft was delivered in June 2022, where it went through a finalisation and publication process in the Commission before being published in November.

The calls will open in a series of four application windows, with two each year. The battery calls developed by BEPA experts in the Technical Working Groups are highlighted in the tables below:

HORIZON-CL5-2023-D2-01				
Opening: 13 December 2022		Deadline: *18 April 2023		
CODE	TITLE	TYPE OF ACTION	BUDGET (EUR)	NUMBER OF PROJECTS
HORIZON-CL5-2023-D2-01-01	Technologies for sustainable, cost efficient and low carbon footprint downstream processing & production of battery grade materials	RIA	7.00 million	3
HORIZON-CL5-2023-D2-01-02	New processes for upcoming recycling feeds	RIA	5.00 million	3
HORIZON-CL5-2023-D2-01-03	Advanced digital twins for battery cell production lines	RIA	7.00 million	2
HORIZON-CL5-2023-D2-01-04	Battery Management System (BMS) and battery system design for stationary energy storage systems (ESS) to improve interoperability and facilitate the integration of second life batteries	IA	7.50 million	2
HORIZON-CL5-2023-D2-01-05	Hybrid electric energy storage solutions for grid support and charging infrastructure	IA	6.00 million	2
HORIZON-CL5-2023-D5-01-02	Innovative battery management systems for next generation vehicles (2ZERO & Batt4EU)*	IA	5.00 million	2

*The Joint Call with the 2ZERO Partnership has a deadline of 20 April 2023

HORIZON-CL5-2023-D2-02				
Opening: 04 May 2023		Deadline: 05 September 2023		
CODE	TITLE	TYPE OF ACTION	BUDGET (EUR)	NUMBER OF PROJECTS
HORIZON-CL5-2023-D2-02-01	Advanced materials and cells development enabling large-scale production of Gen4 solid-state batteries for mobility applications	IA	8.00 million	3
HORIZON-CL5-2023-D2-02-02	New approaches to develop enhanced safety materials for Gen 3 Li-Ion Batteries for mobility applications	RIA	5.00 million	2
HORIZON-CL5-2023-D2-02-03	Creating a digital passport to track battery materials, optimize battery performance and life, validate recycling, and promote a new business model based on data sharing	IA	8.00 million	1





BATT4EU CALLS FOR 2024
AS PUBLISHED ON 28 NOVEMBER 2022

HORIZON-CL5-2024-D2-01
Opening: 07 December 2023 Deadline: 18 April 2024

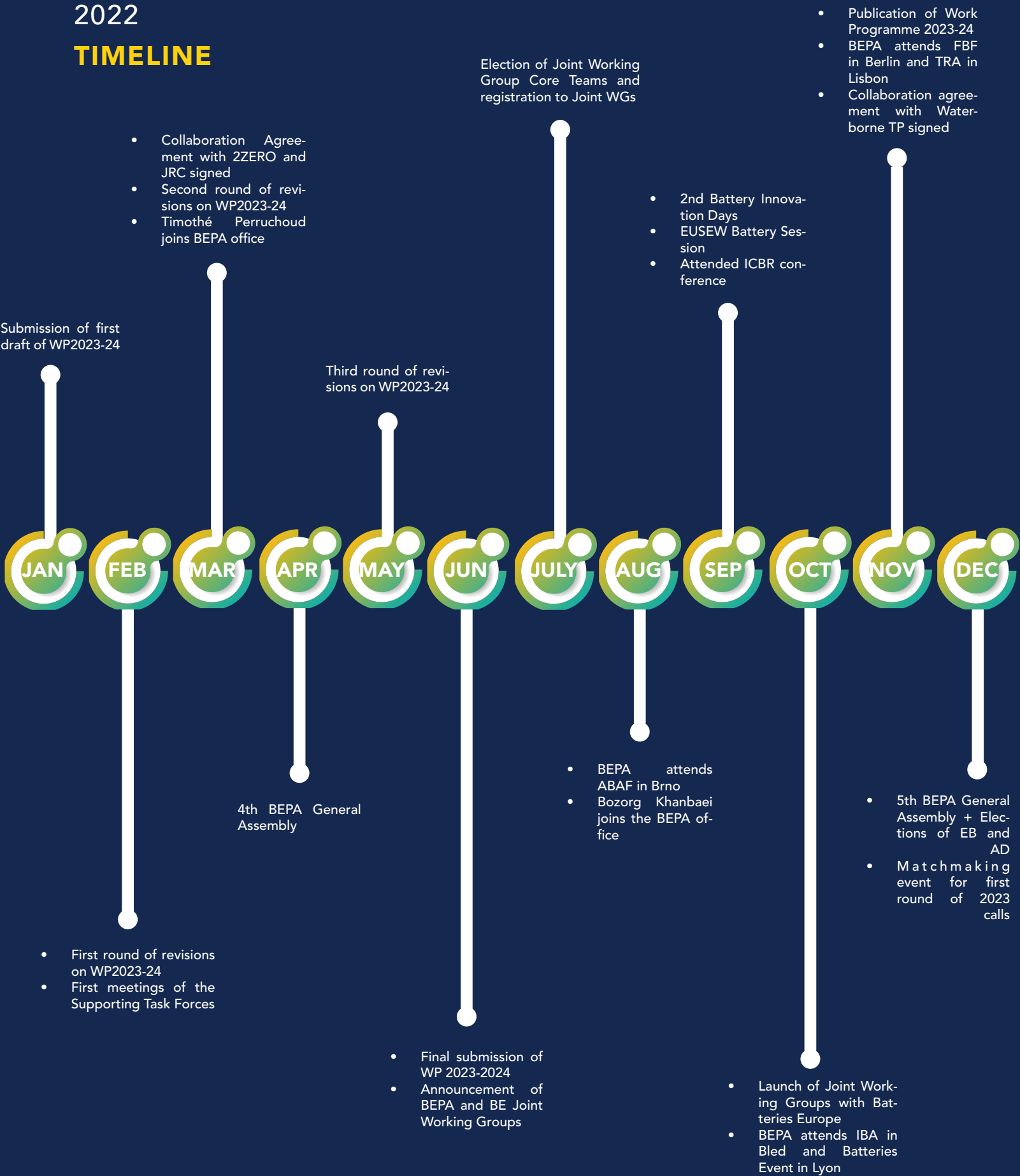
CODE	TITLE	TYPE OF ACTION	BUDGET (EUR)	NUMBER OF PROJECTS
HORIZON-CL5-2024-D2-01-01	Advanced sustainable and safe pre-processing	RIA	7.00 million	3
HORIZON-CL5-2024-D2-01-02	Non-Li Sustainable Batteries with European Supply	IA	7.00 million	3
HORIZON-CL5-2024-D2-01-03	Development of technical and business solutions to	RIA	5.00 million	1

HORIZON-CL5-2024-D2-02
Opening: 07 May 2024 Deadline: 05 September 2024

CODE	TITLE	TYPE OF ACTION	BUDGET (EUR)	NUMBER OF PROJECTS
HORIZON-CL5-2024-D2-02-01	Sustainable high-throughput production processes for stable lithium metal anodes for next generation batteries	IA	8.00 million	1
HORIZON-CL5-2024-D2-02-02	Post-Li-ion technologies and relevant manufacturing techniques for mobility applications (Generation 5)	RIA	5.00 million	3
HORIZON-CL5-2024-D2-02-03	Size & weight reduction of cell and packaging of batteries system, integrating lightweight and functional materials, innovative thermal management and safe and sustainable by design approach	IA	8.00 million	2
HORIZON-CL5-2024-D2-02-04	Accelerated multi-physical and virtual testing for battery aging, reliability and safety evaluation	IA	7.5 million	2



2022
TIMELINE



2022 MAIN ACTIVITIES AND ACHIEVEMENTS

FINALISATION OF WORK PROGRAMME 2023-2024

The summer of 2022 brought the finalisation of the work programme for 2023-24, after months of development by BEPA experts. While this is the second work programme developed by BEPA, this is the first one developed as a fully operational association, with the technical working groups made up of BEPA experts taking the lead on drafting and development.

This was a major step for the partnership, with BEPA bringing the full voice of the European battery industry to the table. By working on the topics in the working groups, and discussion between the BEPA Association Delegation and delegates from the European Commission, the process was thorough, democratic, and transparent, and was an encouraging start to the cooperation and synergy inherent in a European Partnership.



The Technical Working Groups of BEPA have been adapted to align with the structure of Batteries Europe working groups, resulting in 6 integrated working groups to cover the full battery value chain, along with task forces to cover cross-topic aspects. The working groups will include both members of BEPA and Batteries Europe, with BEPA members also invited to contribute to the work of Batteries Europe to determine the current state of play of the battery innovation ecosystem in Europe.

The SRIA will be developed by both Batteries Europe and BEPA experts, and will serve as an update of the 2021 SRIA published by BEPA, and the Strategic Agenda for Batteries Europe, to consolidate and align the agendas of the battery R&I ecosystem, instead of having multiple documents of similar nature. These integrated working groups began work in September, with experts working on the Batteries Europe deliverable of KPIs to be used in the SRIA, which will be published in 2023.

REPORTING ACTIVITIES

In January 2022, BEPA reported to the Commission on the planned additional activities of its members, covering the period from June 2021 to December 2022. The reported planned investments in additional activities amounted to more than €290M. Moreover, BEPA worked with the Commission to provide them with feedback on the reporting timeline and templates for the future reporting duties of the Partnerships. Namely: the additional activities plan, the additional activities report, and the biennial full report of the Partnership. In December 2022, BEPA surveyed its members on their planned additional activities for the year 2023, to report to the Commission in early 2023.

BEPA AND BATTERIES EUROPE INTEGRATED WORKING GROUPS

BEPA and Batteries Europe, the European Innovation and Technology Platform (ETIP) on Batteries, have agreed to merge their working groups in order to develop a common Strategic Research and Innovation Agenda (SRIA).

COLLABORATION WITH OTHER EUROPEAN PARTNERSHIPS

In 2022 the BEPA Office continued and enhanced its collaboration efforts with other European Partnerships. Building on the meetings to discuss the R&I priorities in the work programme in the previous year, further meetings were held throughout the finalisation process of the work programme, where topics of particular interest with application oriented partnerships were shared, so feedback could be given from application perspectives as well, particularly for Waterborne (ZEWT), Rail (ERJU), and Aviation (CAJU). The highlight of the collaboration process during the work programme is the finalisation and publication of a joint call with the Toward Zero Emission Road Transport (2ZERO) Partnership, on Battery Management Systems.

This is the second joint call between Batt4EU and 2Zero, following the one in Work Programme 2021-22 on Life Cycle Assessment (LCA). Another major milestone in collaboration this year, BEPA has signed a tripartite collaboration agreement with the 2ZERO Partnership and the European Commission's Joint Research Centre (JRC). This was signed by the three parties during the Road Transport Research (RTR) conference, and was later kicked-off with a meeting with several representatives from each party in Amsterdam. In addition, BEPA also concluded a collaboration agreement with the Zero Emission Waterborne Transport (ZEWT) Partnership, which was signed by members from both

partnerships together at the Transport Research Arena conference in Lisbon, in a ceremony also attended by the members of the European Commission. The BEPA Office is also in discussion with the Clean Aviation Joint Undertaking (CAJU) to formalise a collaboration agreement, and looks forward to continued cooperation and increasing synergies with other partnerships throughout 2023.



2ND BATTERY INNOVATION DAYS

After the first edition of the Battery Innovation Days registered over 1500 participants over three days of sessions (November 23-25, 2021) on a virtual platform (Accelevents), the second edition was able to build on this success while moving to a hybrid event. Held in Brussels and online on 13 & 14 September, the 2nd Battery Innovation Days gathered industry leaders from across the globe, featuring over 250 participants onsite and 650+ online attendees. Made up by 12 sessions, more than 60 speakers have brought their heritage of experience and valuable insights around the Battery Innovation Days event's table.



The Battery Innovation Days event overarching message is that the European battery Research & Innovation scene is filled with challenges, but also promise: Europe is fit to work on the challenges raised around security of supply, energy autonomy and sustainability. Although numerous advancements have been registered around cell manufacturing, owing to the support of Horizon Europe work programme and the two IPCEIs, continued support must be guaranteed to reinforce and enhance European manufacturing. Against a backdrop of insecurity over energy prices and supply chain risks,

Ms. Rosalinde van der Vlies - Director of the Clean Planet Directorate in the European Commission's Directorate-General for Research and Innovation and Deputy Mission Manager of the Climate-Neutral and Smart Cities Mission - ended the Battery Innovation Days event conference on a hopeful message: challenges can be overcome and turned into opportunities, as long as we keep investing in the European battery ecosystem, seeking collaboration, and giving priority to educating the next generation of European scientists and workers.

BEPA will continue to organise [several exciting events for 2023](#). These events will be spread throughout the year, covering several topics. From the governance perspective, there will be two General Assemblies, as well as Partnership Board and Association Delegation meetings. There will also be physical working group meetings and themed workshops with other partnerships on battery applications. In addition, we are already looking forward to the 3rd Battery Innovation Days in autumn, as well as matchmaking events for the next rounds of Horizon Europe calls.

WHAT TO EXPECT IN 2023

SUPPORTING TASK FORCES

These task forces strive to establish connections with other European entities regarding non-technical aspects linked to the establishment of a competitive battery value chain in Europe. The two supporting task forces address two crucial aspects of the European battery sector:

STF 1: Innovation Uptake

Its aim is to secure an easy access to outcomes of Horizon Europe and Horizon2020 battery projects and to provide a path for successful results to reach industrial or financial players interested in maturing these results up to the market. The Task Force is made up of around 20 individual experts from BEPA members. For its first year of existence, the Task Force mainly worked on gathering information on the landscape and the existing supporting mechanisms put in place at the European level to support new battery innovations. After identifying these organisations, they were contacted by the BEPA office to discuss their activities and potential synergies.

STF 2: Education and Skills Development

the objective of this Task Force was to identify and explore the added value and the role BEPA can have in the EU ecosystem to support education and skill development. Just like the Working Groups, BEPA will merge its efforts with the Task Force on Education and Skills in Batteries Europe and the separate Edu Battery Network, to provide a (digital) space to share educational success stories and identify skills gaps which need to be addressed.



MONITORING OF ONGOING BATT4EU PROJECTS

The first projects of the BATT4EU Partnership, from the calls of the 2021 Work Programme, saw their grant agreements finalised and signed in June 2022. The 2021 Work Programme resulted in 22 battery projects. The projects are the end-result of BEPA's and the Partnership's work. With this in mind, it is also BEPA's duty to monitor and support these projects. The monitoring of the projects' progress is done for three main reasons:



Staying informed on the findings of the projects and take them into consideration when building the future Work Programmes



The Partnership has objectives, targets and KPIs that will be used to evaluate its progress in the full report every two years. These objectives will, in particular, be reached through the projects' accomplishments



Support the projects on certain activities: communication and dissemination, clustering with other projects, and innovation uptake of new technologies

In November 2022, BEPA started reaching out to each BATT4EU project coordinator to have a first meeting. During these first meetings, first contact was established, the reasons for the monitoring by BEPA were covered, and the projects explained and presented their consortium and future work. Not all 22 projects were successfully contacted in 2022 and more first meetings will happen in early 2023.

In March 2023, the [reporting survey](#) will be sent to members on their realised investments in additional activities for the period June 2021-December 2022.

The [joint working groups of BEPA and Batteries Europe](#) will continue their work to develop the common SRIA, acting as an update of the 2021 SRIA and giving the two battery initiatives a stronger, more unified voice. The process began in September 2022, and will continue through 2023 until it is finalised and published in the second half of the year.

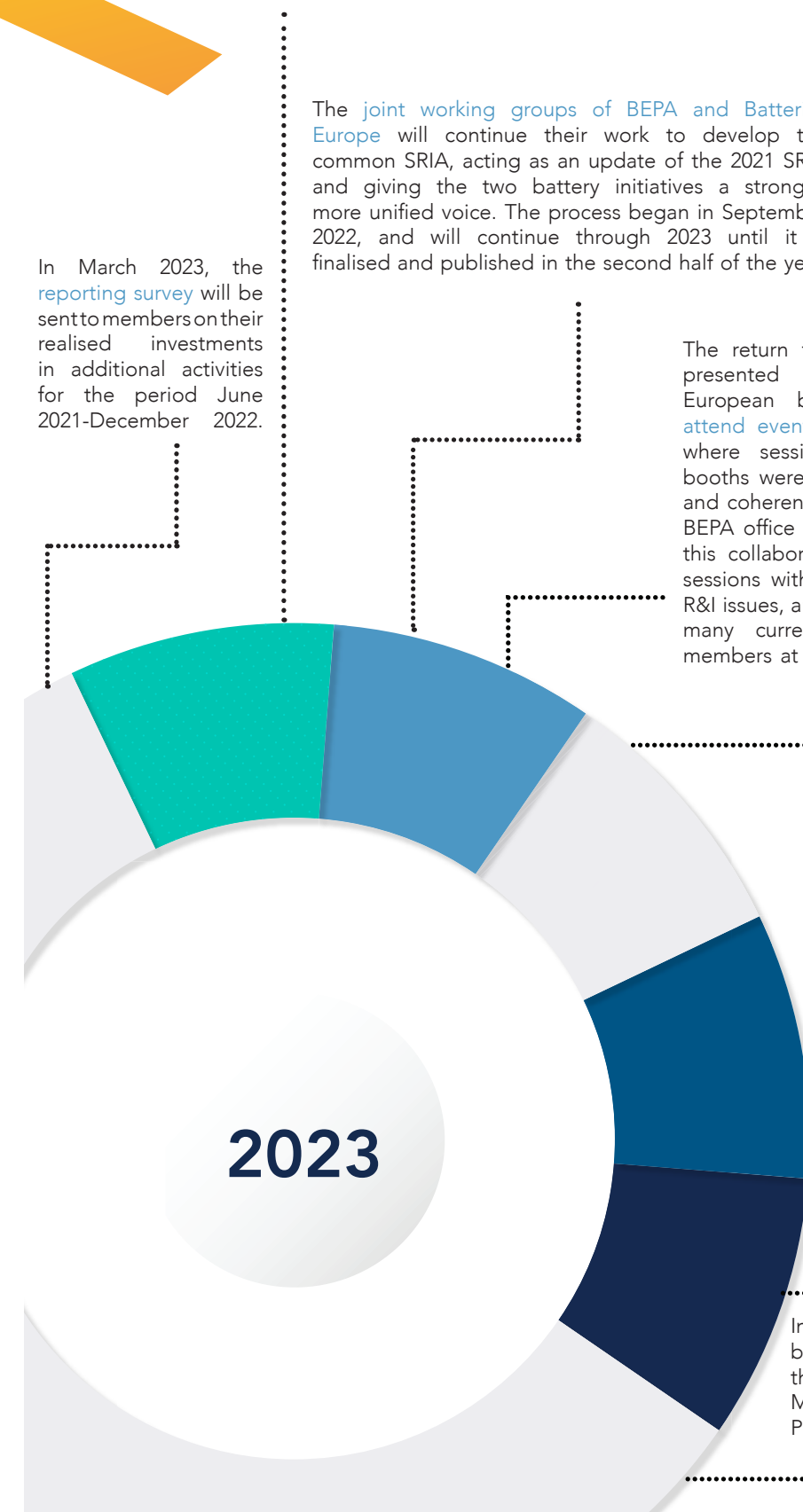
The return to physical events in 2022 presented an opportunity for the European battery R&I initiatives to [attend events as a unified community](#), where sessions were organised and booths were shared to give a common and coherent voice for the industry. The BEPA office looks forward to continuing this collaboration and organising more sessions with BEPA experts on relevant R&I issues, and looks forward to meeting many current and new potential members at events throughout the year.

The [first round of Work Programme 2023 battery calls](#) are now open, and the [second round will open in May](#). We wish all our members the best of luck with applying to these and look forward to seeing the results of all the great work done by the BEPA experts during the development of this work programme.

In autumn of 2023, work prioritising and defining the topics for the next Horizon Europe Work Programme for batteries will begin once again. [The BEPA working groups will define and elaborate the topics to be included in work programme 2025](#). This work will carry over into 2024 until the topics are ready for final submission to the European Commission, following a similar process to that used in the development of the previous work programme.

In October 2023, BEPA will start working on its [first full report of the Partnership activities](#). This full report needs to be drafted every two years. With the full reports of the 48 other ongoing Partnerships, it serves as a basis for the Commission to write its own report on the overall Partnerships system.

In 2023, the [relation with the first 22 battery projects](#) will be maintained and will serve to evaluate the progress of the Partnership when drafting the full monitoring report. Moreover, the new projects from the 2022 Horizon Europe Work Programme are also set to begin during the second half of 2023.



CLOSING BY BEPA PRESIDENT

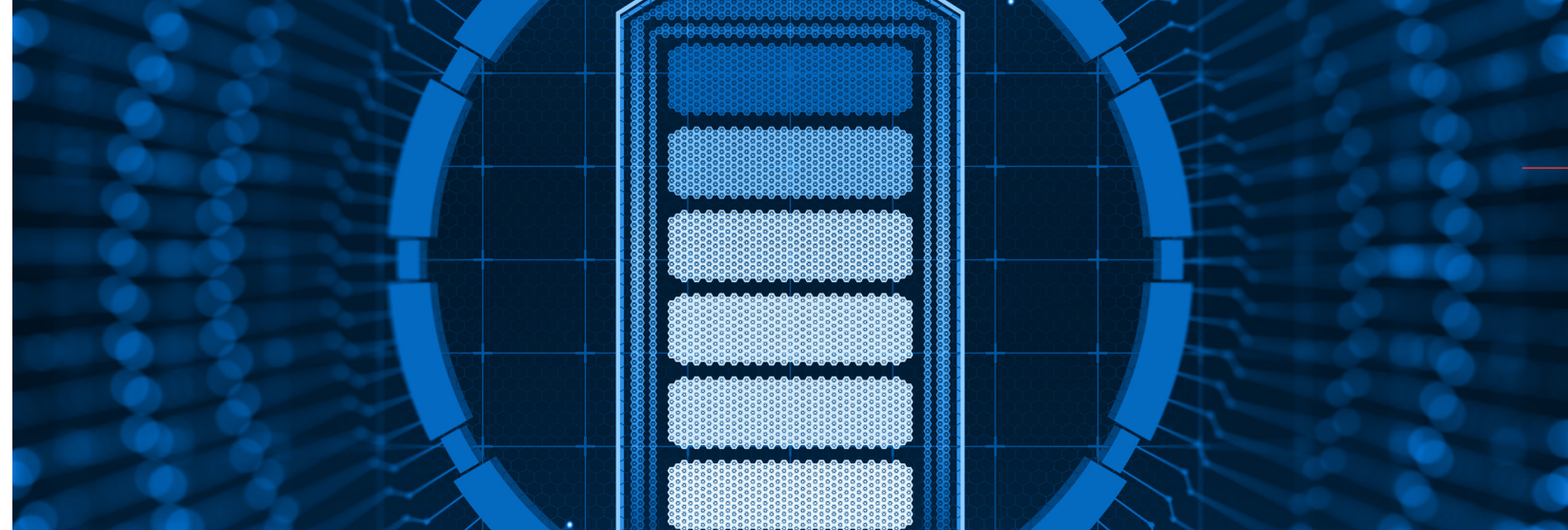
MICHAEL LIPPERT



2022 was an eventful year with a lot of accomplishments. BEPA now counts more than 200 members, and now has 2 work programmes successfully launched. This year, we will be able to see the results from this work, with dozens of battery projects granted under Horizon Europe up and running. These projects are balanced along the battery the value chain, and this shows clear interest and appetite for the topics we are proposing. After 2 years, BEPA has a lot to be proud of.

An important accomplishment of 2022 has been to simplify the workstreams for the European battery research community. Part of this is the integration of the working groups of Batteries Europe and BEPA, so all interested experts can work together to deliver a single voice for the direction of the industry. We also held a very successful hybrid version of the Battery Innovation Days, which gathered hundreds of members of several of the battery initiatives together, showing unity and presenting a common message to the battery world. Collaboration with other partnerships has been important, and in 2022 we have signed collaboration agreements with ECVIA and the JRC, and the Zero-Emissions Waterborne Transport Partnership, to share information and accelerate the electrification of all transport modes.

2022 brought several surprises, which put a spotlight on the importance of what we are doing. Our work is helping to reduce European dependence on Russian fossil fuels, as batteries are crucial for increasing the use of renewables in our energy mix, and for furthering the electrification of transport. This year showed us why we do not want to continue being dependent for important raw materials and battery components, and why investing into the full battery value chain in Europe is necessary.



We need to accelerate our capability to process raw materials and recycle batteries to help alleviate dependence on raw materials and components we now import. Batteries research also has a clear role to improve and manufacture these batteries in Europe, increasing economic value and decreasing dependence on external industry and imports. Then using these batteries for energy storage systems to increase renewable energy generation and grid efficiency, as well as accelerating the electrification of transportation through electric vehicles, but also for maritime, rail and aviation uses. So it is clear to see that research and innovation in batteries has an important role for all of us.

We have demonstrated clear alignment between BEPA and the Commission during the year, which is crucial to the functioning of the Partnership, despite some differences occurring from time to time. Discussing and resolving these differences are also an important task, and I want to thank our colleagues in the Commission for their dedication and willingness to listen and work together. Now that work programme for 2023 and 2024 has been published we can look forward to more appetite for the topics included and we can look forward to see projects granted for them. We can also look forward to the results of the projects of our earlier work programmes which have now begun, and we can follow along with them and work to improve the uptake of results into the market. We should also look abroad, for example to the United States and their strong and effective efforts to bring their research results to the industry, and we must work on doing the same to bring the results of this important research to European industry, and BEPA has an important role to play in this. I want to thank all of the members for their dedication to their work over these 2 years, and look forward to continuing cooperation and success in the future.

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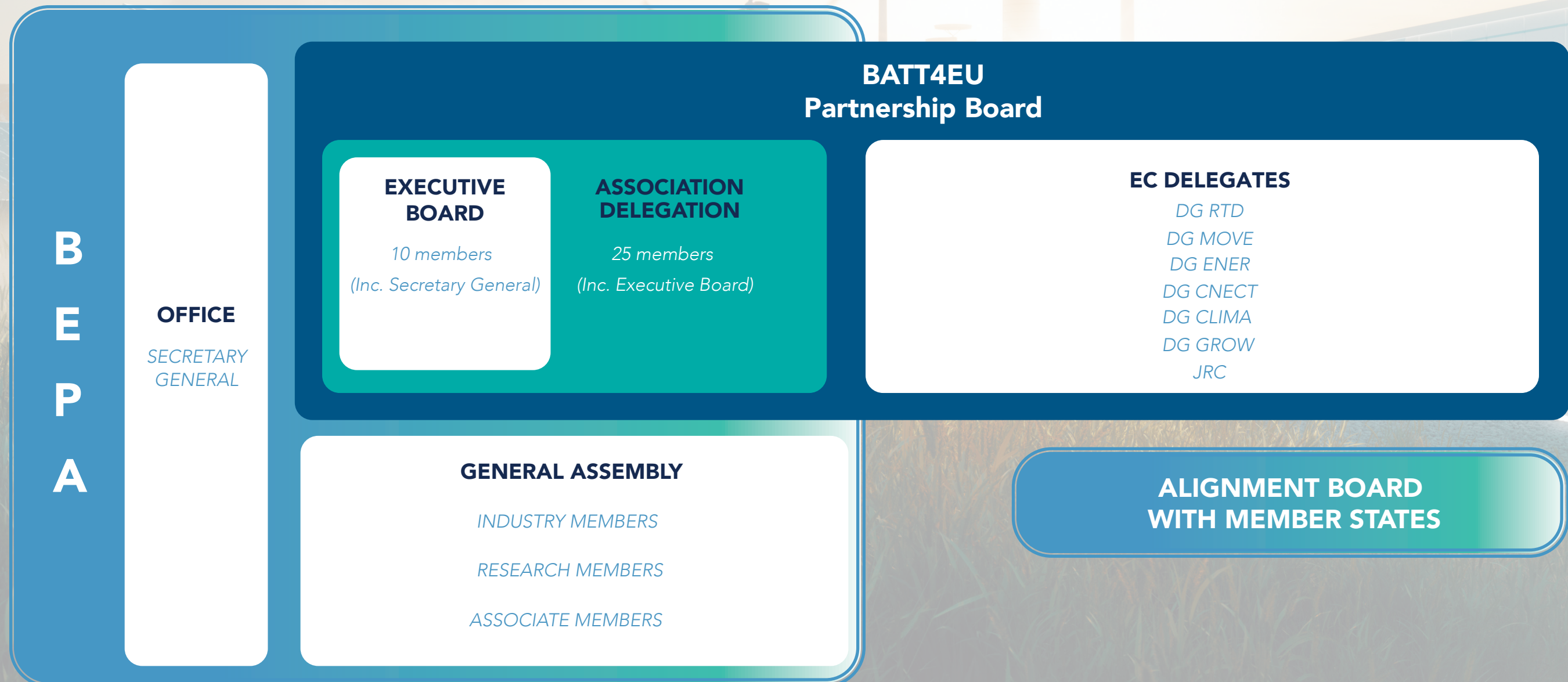
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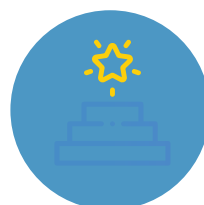


ANNEX 1: BEPA STRUCTURE AND ORGANISATION

BEPA GOVERNANCE STRUCTURE



BEPA REPRESENTATIVES IN GOVERNING BODIES



RAW MATERIALS

Madeleine Scheidema
Metso Outotec



VACANT



MANUFACTURING

Michael Lippert
SAFT



Bernhard Riegel
Hoppecke Batteries



Daria Giovannacci
Geyser Batteries



Olivier Colas
Blue Solutions



ADVANCED MATERIALS

Kurt Vandeputte
Umicore



Daniel Gloesener
Solvay



Ilaria Pucher
Green Energy Storage



MANUFACTURING SUPPLY

Gian Carlo Tronzano
COMAU



Stefano Saguatti
MANZ



AUTOMOTIVE

Franz Geyer
BMW



Moritz Teuber
FEV



RECYCLING

Justo Garcia
Orano Mining



Jaako Soini
Fortum



AUTOMOTIVE SUPPLY

Christophe Petitjean
Valeo



OTHER APPLICATIONS

Luigi Lanuzza
Enel X



Laurent Torcheux
EDF



Federico Cartasegna
FPT Industrial



BEPA OFFICE



Philippe Jacques
Secretary General



Wouter IJzermans
Executive Director



Timoth  Perruchoud
Association Officer



Jesse Terry
Association Officer



Bozorg Khanbaei
Association Officer



Elisabetta Frisaldi
Communications Officer



RESEARCH

Edel Sheridan
SINTEF



Simon Perraud
CEA



Kristina Edstr m
Uppsala University



Victor Trapp
Fraunhofer



Oscar Miguel Crespo
CIDETEC



OTHER - Secretary General

Philippe Jacques
EMIRI



LEGEND



Executive Board



Association Delegation

WHO CAN APPLY?

INDUSTRY

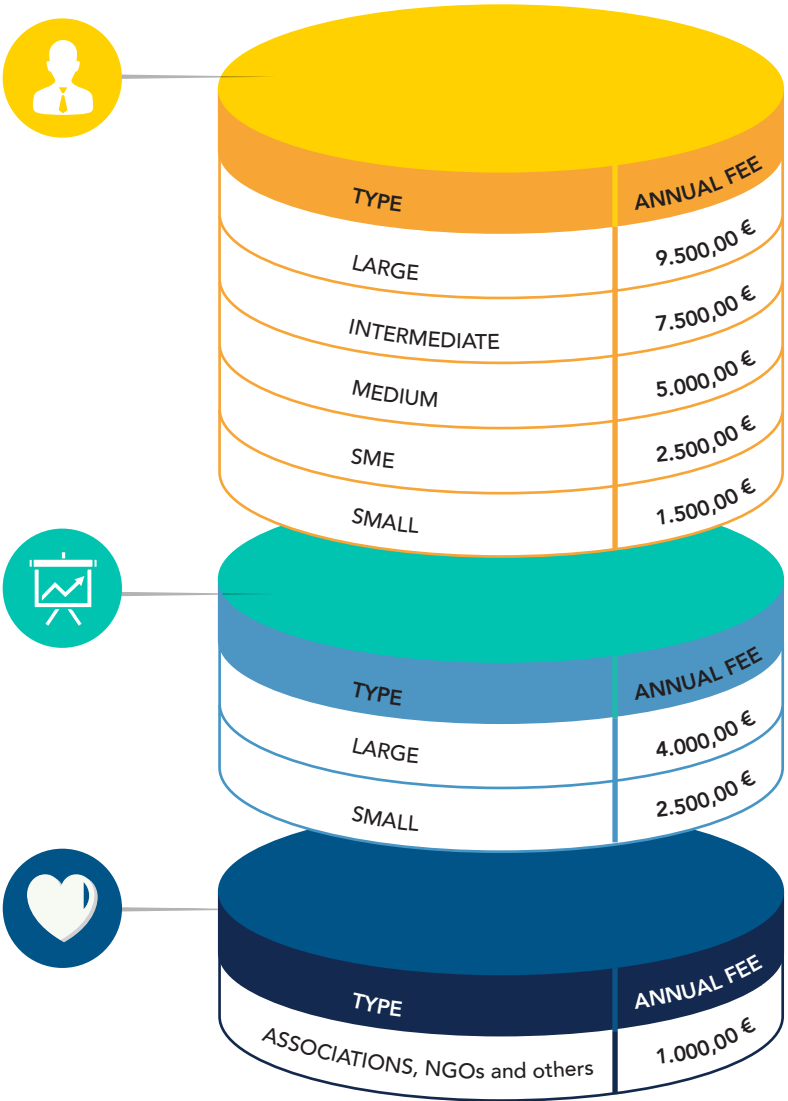
Industry stakeholders coming from battery raw materials, advanced materials, manufacturing, manufacturing supply, automotive (and automotive supply), other applications (stationary storage, maritime, aviation, rail, industrial applications, etc), recycling.

RESEARCH

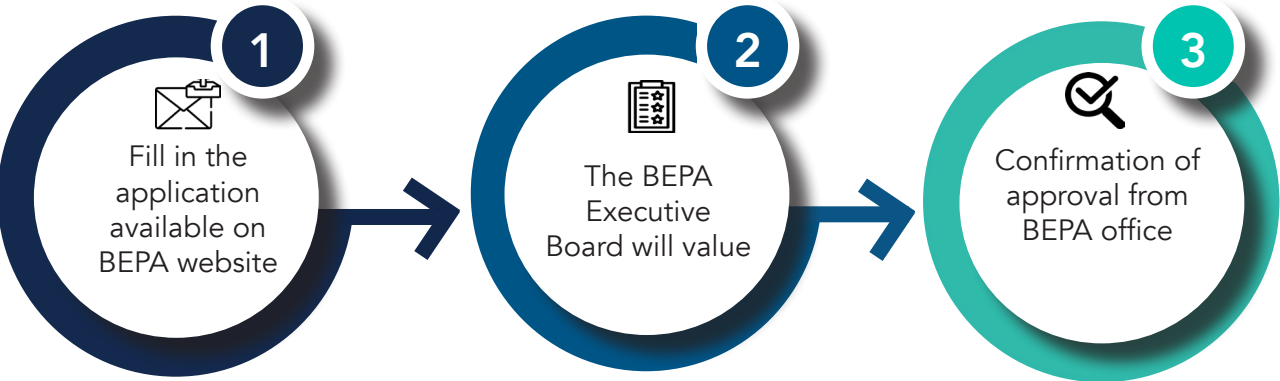
RTOs, Universities

ASSOCIATE

Other non-profit stakeholders (associations, public agencies, etc) – Not entitled to vote.



APPLICATION PROCEDURE



Contribute to battery development by identifying **research topics** and impacting their **prioritisation**.

Gain first-hand information on the **industrial R&I roadmap**.

Obtain enhanced visibility on **impactful research findings** in Europe (Horizon Europe projects).

Be part of a **strong industrial network** focused on innovation.

Gain an overview and **understanding of the entire value chain** and the potential impacts of upcoming innovations across all sectors.

Become aware of the **potential impact of innovations** spurring from enhanced research in cross-cutting fields, like digitalisation, sustainability and safety and reliability.

Acquire an understanding of the **technology readiness** across the different sectors of the battery value-chain.

Make strong connections with other relevant **European Partnerships** and initiatives.

Have a better understanding of the requirements and conditions resulting from **European regulations**

BENEFITS OF JOINING BEPA





LOOKING FOR MORE INFORMATION?

Contact us at: info@bepassociation.eu

Website: bepassociation.eu

Follow us on:



@bepa_eu



BEPA - Batteries European
Partnership Association