

MI ANNUAL GATHERING 2023 CONCLUSIONS

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INTRODUCTION



Photo by Roberto Vianna

Senior representatives from Mission Innovation members and collaborating organisations met in Rio de Janeiro, Brazil from 20-22 March 2023 for the Annual Gathering.

The Annual Gathering carries significant strategic importance for MI, being the key opportunity for senior representatives to guide the direction of our work programme.

In brief, the Annual Gathering agenda allowed senior representatives to:

- Review, discuss and set MI's strategy and workplan for the year ahead.
- Share insights on national priorities and experience of delivering clean energy innovation programmes.
- Contribute to the development of an impactful 2023 Ministerial meeting in Goa.
- Strengthen synergies with CEM and discuss joint projects such as the Breakthrough Agenda.
- Reinforce their network of senior clean energy innovation leaders across government and partner organisations

Members valued the warm and welcoming hosting by the Government of Brazil and the opportunity to learn about Brazil's clean energy priorities and leadership through the Spotlight on Brazil's Energy Transition event and site visits.

After such a successful Annual Gathering, we would be most grateful if you could please complete this [survey](#) issued alongside these Summary Conclusions.

EXECUTIVE SUMMARY

The MI Annual Gathering 2023 was framed around MI's five delivery priorities for 2023. Senior Representatives were asked to focus on three questions: Will the activities planned deliver concrete and realistic outcomes? Do we have the necessary funding, expertise, and number of people to deliver our planned targets? How do we measure our success?

Delivery priorities 1 and 2: Implementing the Missions and Equipping for Success

Objective: Our focus this year is to build on the Missions action plans, defining the concrete deliverables for 2023 and beyond. This includes developing a deeper understanding of how we will measure success, ultimately to help identify where more resources and political commitment is needed to help Missions deliver.

Senior representatives, Mission leads, and TAG members discussed concrete deliverables, to maximize the impact of Mission activities whilst considering whether Missions have the right funding and expertise in place to deliver. Common challenges around member engagement (specifically, not all members are providing the promised resource), implementing joint projects, communication activities and private sector engagement was also a focus of discussions.

Next steps:

- Secretariat to work with Missions to develop a list of concrete actions (“what we will do”) or outcomes (“the impact we have had”) that MI wants to showcase at MI-8 and COP28 building on the Action Plans and Sprints launched at MI-7.
- All Mission Members to review their contributions and propose measures to support Mission engagement and delivery, for example by considering how national policy can be brought into missions to increase knowledge base and/or to better synergize with domestic programmes to implement Mission activities.
- Missions and the Secretariat to reflect on what missions can do to engage the private sector in tangible ways (including inviting private sector entities to future Annual Gatherings and Ministerial meetings). This will require the articulation of a clear value proposition.
- Missions and Secretariat to consider potential role for Secretariat or senior leadership in ensuring Mission members are actively engaging.
- Opportunities for senior officials to be better informed of Mission activities in order for them to be in a position to provide strategic guidance should be explored. This includes building on the success of the Mission Overviews provided in the pre-read.
- The Secretariat Comms Team will develop a communications plan to clarify the MI brand architecture and develop guidance for Missions and their partners on using branded materials. Relaunching the website is of highest priority for MI Comms; Missions will be consulted on content/features. This includes common approaches for knowledge sharing.

Delivery priority 3: Monitoring Progress

Objective: This year, MI's strategic approach on monitoring progress is based around two pillars, the first supporting Missions on monitoring their progress against key milestones and performance metrics, and the second pillar taking a broader look at progress across research, development, and demonstration for clean energy.

Working level officials, Mission representatives and TAG members discussed (i) the proposed TAG Mission Review Plan to review the progress of the Missions, and (ii) the Insights Module recommendations on establishing key performance indicators (KPIs) for each Mission. The Insights team also presented plans for an *Energy Innovation Metrics Hub*. The Hub will collate data from the JRC, IEA and IRENA on various indicators (e.g. patents, public and private R&I investments, venture capital investments, standards, levelised cost of electricity and other) that will be categorized per MI Mission topic area. This information will be presented as a dashboard, placed on the MI website.

Next steps:

- Secretariat, the TAG Chair, and the TAG Vice-Chair to incorporate Mission feedback into the next iteration of the proposed Mission Review Plan. The outcome of the first Mission reviews will be presented at the next Annual Gathering. Secretariat to clarify the purpose of and distinction between KPI reporting, tracking, and reviewing.
- TAG Chair and MI Secretariat to provide Steering Committee with strategic guidance and recommendations for priority actions based on KPIs.
- Secretariat to follow up with Missions regarding their KPIs on an individual basis.
- Secretariat to continue developing the plans for the Energy Innovation Metrics Hub and present the first results on mapping the innovation landscape of clean energy technologies at the next Annual Gathering.

Delivery priority 4: Extending our Reach

Objective: MI aims to make clean energy affordable, attractive, and accessible for all. Achieving this will require MI to have an impact beyond its membership to bring clean energy innovations and insights to all countries.

Members agreed on the importance of a strong brand and raising MI's profile at major events such as COP. Senior representatives also discussed how to extend the reach and impact of MI within agreed membership structures and without compromising the role of MI in bringing together active and engaged pioneers in clean energy innovation.

Next steps:

- Secretariat to set up short-term working groups ("Taskforces") with participants from member governments on MI's a.) presence and activities at COP28 and b.) identity and brand architecture
- Secretariat to work with hosts for MI-8 and COP28 to ensure MI Missions are featured.
- Secretariat to approach countries that are members of Missions, but not currently MI members, to gauge interest in becoming a full MI member.

- Secretariat to clarify the route to membership, with instructions for countries with specific circumstances, such as multiple ministry involvement.
- Members to consider exploring a possible 'observer status' to potential new members.
- Secretariat to engage with members regarding the establishment of the MI Think Tank that will help facilitate knowledge sharing events and more. This could be a mechanism to engage and share knowledge with non-members to extend MI's reach.

Delivery priority 5: Continuing Engagement with CEM and the Breakthrough Agenda

Objective: To continue momentum from GCEAF, MI is working closely with CEM, with the oversight of a Joint Steering Committee. Other areas of collaboration include joint projects, such as the Breakthrough Agenda.

A successful joint plenary between CEM and MI further solidified ongoing collaboration between the two initiatives. The Breakthrough Agenda presented the proposed work plan in the joint plenary.

Brazil as hosts also chaired a joint plenary on MI-8/CEM. Senior representatives were updated on emerging plans for the Ministerial meetings to be hosted by India in Goa in July 2023. With a narrative of "Advancing the continuum of R&D towards pilot demonstration on clean energy technologies and the Year of Implementation", the hosts outlined plans for plenary meetings, roundtables, and side event programming. Taking place alongside the G20's ETWG Ministerial meetings, there was a keen sense from the membership to use this opportunity to elevate the status of both CEM and MI as the key implementation and action forums in the clean energy transition. In addition to specific suggestions such as roundtable topics and engagement of private sector, many members reiterated their wish to build on the GCEAF legacy vis-à-vis showcasing CEM/MI collaboration, joint or back-to-back CEM and MI ministerial plenaries (limiting duplication for most Ministers), and other joint activities (e.g. roundtables).

Next steps:

- MI and CEM Secretariats to work with the Ministerial hosts to ensure a joined-up approach to the Ministerial programming, including convening the Ministerial Planning and Operations Teams.
- MI and CEM Secretariats to continue to encourage aligned initiatives to collaborate e.g., on Ministerial side events, work planning.
- Breakthrough Agenda to identify an appropriate operating, governance, and resource model for the pilot phase of the project, taking into account the feedback received from delegates and to conduct additional member consultations.
- MI and CEM Secretariats to circulate the Terms of Reference for the Joint Steering Committee (JSC) for member review and awareness, entering into effect on April 14, 2023.

The meeting concluded with thanks to the excellent hosts and a request for members to consider hosting the Ministerial meeting in 2025 and the preceding Annual Gathering in 2024.

A more detailed readout for each session, in addition to short summaries of joint side events are summarized in this document. The slides from the closing plenary can be found in **Annex 1** and the block agenda can be found in **Annex 2**, should these be useful for reference.

DAY 1: SUMMARY OF SESSIONS

Missions: Best Practices Roundtables



Photo by Roberto Vianna

Purpose of the Session

This session enabled Mission reps to discuss common challenges occurring across all Missions in an informal, roundtable format. Participants selected two of three topics: member engagement, implementing joint projects, and communication activities. In the latter part of the session, the Zero Emission Shipping Mission presented on their experiences and strategies for engaging private sector entities.

Key Messages

- Missions continue to experience varied levels of engagement from their members, with some members actively contributing and others having limited contributions.
- Missions have different target audiences and different approaches. Therefore distinct, tailor-made communication channels and activities are of value. Nevertheless, Missions still consider the MI umbrella brand as a “hook” when engaging with a broader audience, e.g., potential private sector partners. An MI brand architecture should offer a strategic approach to ensure a strong MI umbrella brand and at the same time allow flexibility to meet individual communication needs. Missions need to define who they wish to target from the private sector and express a concise value proposition that will fit the wants of the private sector partner and the needs of the individual Mission.

Next Steps

- Missions and Secretariat to consider potential role for Secretariat or senior leadership in ensuring Mission members are actively engaging.
- Members to consider their resourcing and engagement in Missions, commensurate to the commitments made.
- Missions to consider developing value propositions for member engagement and stakeholder engagement.
- The Secretariat Comms Team will clarify the MI brand architecture and develop guidance for Missions and their partners on using branded materials. Relaunching the website is of highest priority for MI Comms; Missions will be consulted on content/features.
- The Secretariat Private Sector Engagement Manager to support Missions with their approach to engaging private sector partners – in a way that sets clear expectations and incentives.

Missions: Speed Networking Session



Photo by Roberto Vianna

Purpose of the Session

An opportunity for Mission Directors, TAG members, and senior representatives to connect informally and discuss opportunities for collaboration, common challenges, and knowledge sharing. Missions had 5 minutes to connect bilaterally with other Missions, with the Secretariat's Private Sector Engagement Manager and the Steering Committee Vice Chair and Head of Secretariat. Missions are encouraged to continue discussions.

Missions: Tracking Progress (KPI & TAG) Workshop

Purpose of the Session

The Secretariat and Technical Advisory Group (TAG) solicited feedback on the proposed TAG Mission Review Plan and criteria, which was shared in advance of the Annual Gathering. The Secretariat also kick-started conversations around establishing KPIs for each Mission.

Key Messages

- The TAG presented the proposed TAG review plan, including the detailed review framework with priority criteria and a proposal to start reviewing Missions in the final quarter of 2023. The TAG reviews will: (1) provide individual feedback and recommendations to each Mission, shortly after their review meetings; and (2) take stock of progress, highlight lessons learned, and identify high-level recommendations across the seven Missions via an overarching summary report. The TAG will report to MI Steering Committee (MISC) on Mission progress, highlighting risks and opportunities.
- The Secretariat also presented on KPI best-practice and outlined early thinking on Mission KPI reporting. Missions generally welcomed the support to develop their KPIs and are looking to engage with the process. They also indicated that further clarity on the individual roles of Missions, TAG, Secretariat Insights Module, and Secretariat Missions Team would be helpful.

Next Steps

- Secretariat, the TAG Chair, and the TAG Vice-Chair to incorporate Mission feedback into the next iteration of the proposed review plan.
- Secretariat to clarify the various roles related to KPI reporting, tracking, and reviewing (i.e., between the Insights Module, Missions Team, and TAG team).
- Secretariat to follow up with Missions regarding their KPIs on an individual basis.
- Consider how to keep senior officials abreast of progress.

DAY 2: SUMMARY OF SESSIONS



Photo by Roberto Vianna

MI CEM Joint Plenary: Impact and Synergies

Purpose of the Session

Bring together MI and CEM delegates to discuss areas of mutual interest for MI and CEM and consider how the two communities can work together to leverage synergies and increase their impact. This session highlighted examples of ongoing collaboration, examples of coordination between CEM workstreams and MI missions, and included an update on the Breakthrough Agenda which was recently brought under the stewardship of the joint MI and CEM Steering Committee. In addition, this session provided an opportunity for COP28 representatives to present a vision for the meeting later this year, in terms of opportunities and expectations of MI and CEM.

Key Messages

- Collaboration between MI and CEM was enhanced in 2022, with the first joint sessions and Joint Steering Committee (JCS) held at the Annual Gathering in Delhi and the first ever joint CEM/MI joint Ministerial plenary meeting in Pittsburgh. These were followed by further JSC meetings and an in-person workshop between the Secretariats.
- At a technical level, there is existing collaboration, with several MI and CEM initiatives working together on joint events, knowledge exchange and workplan alignment. MI's Green Powered Future Initiative and CEM's International Smart Grids Action Network have agreed a Memorandum of Understanding. There is also collaboration and potential for further cooperation on biofuels, hydrogen and CCS.
- The UK Breakthrough Agenda (BA) team provided an update on the status of the BA since its launch as a joint project under MI and CEM. Members requested clarity on the structure of the

Breakthrough Agenda joint project and its value proposition. Particular attention was paid to its connection to the COP process and the status of the current breakthroughs. Furthermore, as not all MI and CEM members are signatories to the Breakthrough Agenda, it is important to consider their role in endorsing the structural arrangements, as well as cohesive ways of working going forward. The BA Team reiterated their ask for feedback from members to ensure that the project can be as beneficial as possible to the CEM and MI communities. Members are invited to connect separately with the BA Team in the months ahead.

- COP28 will be framed around a Global Stocktake, outlining what needs to be done to keep 1.5C within reach. The COP28 Presidency aims to use convening power to get new partners and resources for existing initiatives such as MI and CEM. They are looking forward to working with MI and CEM on a joint narrative focused on clean energy and to coordinate a sequencing of events.
- Several members suggested considering other events or milestones this year in addition to COP28, which can be a crowded landscape, to showcase work.

Next Steps

- Members were given two weeks to review the Terms of Reference that outline how the JSC will collaborate. Barring any objections, the TOR will enter into effect on April 14, 2023.
- BA team to continue working closely with the Joint Steering Committee, the MI and CEM Secretariats, and broader MI and CEM membership to identify an appropriate operating, governance, and resource model for the pilot phase of the project, taking into account the feedback received from delegates. A document detailing the arrangements for the BA project will be developed and shared with all members for review and input. Once agreed by the JSC, it will be annexed to the JSC Terms of Reference.
- The Chair recommended that the development of new Breakthroughs could be paused whilst the details of the pilot phase are still being developed.
- Recognising the opportunity but also the complexity of the COP process, the COP28 Presidency team were invited to prepare a short paper outlining some of the ways that the MI and CEM communities could support this year's COP in order to maximise this opportunity.
- Consider key moments across the year collectively (G20, COP, role of MI-8) to maximise impact, while utilizing the JSC as a key opportunity to identify joint engagement across major global clean energy convenings.

MI CEM Joint Plenary: On the Road to Goa MI-8/CEM14



Photo by Roberto Vianna

Purpose of the Session

India's Department of Science & Technology and Ministry of Power presented plans for the Ministerial in Goa, July 2023. India recalled the proposed overall narrative for the Ministerial - advancing the continuum of R&D towards pilot demonstration on clean energy technologies and the Year of Implementation. Members learned about plans for the plenary/plenaries, roundtables, side events and media opportunities and had the opportunity to ask questions/seek clarification. This session also covered logistic aspects for both MI and CEM, including information on the venue, registration, accreditation, invitations, visas, etc.

Key Messages

- Many members are interested in joint activities between MI and CEM, and want to maximize the opportunities at G20, the Ministerial, and other meetings to showcase collaboration.
- Members asked India to consider holding a joint MI/CEM plenary to reduce the number of plenaries for Ministers to attend and to build on the momentum set in Pittsburgh, thereby amplifying the collective and collaborative role of MI and CEM in accelerating the clean energy transition.
- Proposed topics of focus to add to the program are power systems, grids and transmission and integration of renewables, and gender equality and diversity in the clean energy transition.
- India asked by members to consider holding a joint MI/CEM plenary to reduce the number of plenaries for Ministers to attend and to build on the momentum set in Pittsburgh, thereby amplifying the collective and collaborative role of MI and CEM in accelerating the clean energy transition.
- Youth engagement, gender equality and diversity in the clean energy transition should be considered in the programming.
- Virtual participation would be beneficial to obtain additional expertise for side events.

- The event needs to capture Ministers attention. In the past, the breakfast with Ministers and CEOs has been well-received. Scene setting by the IEA and IRENA can provide useful context. Interventions showcasing practical examples are valuable.
- The need for a long lead time for international participation in a technology showcase was raised.
- The meeting with African energy Ministers that may take place alongside the G20 provides an opportunity for bilateral meetings with these Ministers.
- The COP28 Presidency will use the Ministerial as another consultation moment with MI and CEM members on potential outcomes for the Global Cooling Pledge.

Next Steps

- MI and CEM to work closely with the host and members to incorporate the feedback.
- Members are encouraged to consider volunteering to host the Ministerial in 2025 (and Annual Gathering in 2024).

Brazil Host Event: Spotlight on Brazil's Energy Transition



Photo by Roberto Vianna

Purpose of the Session

Mission Innovation and Clean Energy Ministerial senior representatives were delighted to have the opportunity during their annual meeting to hear first-hand from some of the key players driving Brazil's clean energy transition.

In view of the important role Brazil will play in 2024 as host of the MI and CEM Ministerial meetings, as well as the G20, members and participants observed a discussion around the advances and plans that Brazil is making in

both innovation and deployment of clean energy technologies via a moderated panel, with high level representatives from the Brazilian Ministry of Foreign Affairs, Ministry of Energy and Mines and the national grid operator.

During this session, **Itaipu Binacional**, as the main sponsor of the MI and CEM Gathering in Rio, reinforced the importance of hydroelectric plants to ensure Brazil's energy security, especially with the increase in the participation of other renewable sources, such as solar and wind, in the electric matrix.

The panel – moderated by Secretary of Planning and Energy Transition of the Ministry of Mines and Energy (MME), Thiago Barral - involved representatives of institutions in the electricity sector, such as the National Electric Energy Agency (ANEEL), the Energy Research Company (EPE) and the National System Operator (ONS) and the Itamaraty Secretariat.

"Innovation is also the way to adapt technologies to new contexts. With the investment in biogas plants, Itaipu brings a powerful message of how innovation can be used to improve the local reality," said Thiago Barral.



As underlined in its [video](#) announcing its hosting of the Ministerial meetings in 2024, CEM and MI are initiatives that represent many of the values that Brazil stands for – international collaboration, sustainability, clean energy and innovation. Brazil’s leadership in this arena, and its excellent hosting of the events in Rio, bodes very well for an impactful, important milestones for both initiatives in 2024.

DAY 3: SUMMARY OF SESSIONS



Photo by Roberto Vianna

MI Opening Plenary: Delivering Impact and Ambition in 2023

Purpose of the Session

The first plenary session of the MI Gathering included an overview of the objectives for the entire meeting: implementing the Missions, equipping for success, monitoring progress, extending MI's reach, and continuing engagement with CEM and the Breakthrough Agenda. The MISC Chair and Head of Secretariat set the scene and expectations, followed by interventions from members.

Key Messages

- Since GCEAF, we have a new Head of Secretariat and have welcomed Julie Cerqueira as Chair, Kushla Munro as Vice Chair, Brazil, and India to the MISC. The Secretariat met in Sevilla to take stock and plan for 2023. Representatives of the MI Sec visited DST in Delhi to plan for the Ministerial.
- The Annual Gathering will focus on the five delivery priorities for 2023: 1) Implementing the Missions; 2) Equipping for success; 3) Monitoring progress; 4) Extending our reach; and 5) Continuing engagement with CEM and the Breakthrough Agenda.
- An ongoing aim is to answer three questions:
 - Is what we are planning to deliver concrete, and realistic?
 - For specific deliverables, do we have the right funding, expertise, and number of people in place?
 - How do we know if we are successful and can demonstrate our impact in the global landscape?
- The importance of public-private partnerships and international collaboration to achieve MI's goals was highlighted. It was suggested a strong MI brand could help with this, as having a defined value proposition is key.
- MI needs to increase the visibility of the brand and clarify its core identity/vision. MI's core mission is innovation and demonstration of technology for a clean energy future. A valid

narrative must be provided that can be used to elevate the work of MI at events like G20 and COP28. Members are encouraged to provide resource to support this ambition.

- Adding a subnational perspective of cities and linking MI activity to the growing cohort of cities coming into the Urban Transitions Mission could bring visibility on the world stage.
- The importance of providing sufficient resources to the Missions to allow them to meet their ambitious goals was highlighted.

Next Steps

- With 2023 milestone targets in mind, MI must keep its eye on the need to demonstrate progress made.
- MI also needs to revisit its goals based on current geopolitics and should determine if it has the human and financial resources necessary to deliver their goals.
- MI needs to ensure synergies across the private sector and financial institutions, so it has a clear way to operationalize the idea that MI is where innovation happens.

Missions Roundtables: Delivering in 2023 and Beyond



Photo by Roberto Vianna

Purpose of the Session

Building on Missions action plans, senior representatives, Mission leads, and TAG members discussed concrete deliverables planned for their Missions in 2023 and beyond. Participants also discussed opportunities to maximize the impact of Mission activities, taking into consideration whether Missions have the right funding and expertise in place to deliver.

Key Messages

- Participants had productive discussions on key deliverables for their respective Missions in 2023.
- Increasingly, Missions are identifying opportunities for synergies with other Missions, with CEM initiatives, and other organisations including through the Glasgow Breakthroughs.
- Delegates discussed the importance of getting the messaging right – that is, in ensuring that there is a clear and exciting narrative around the Missions for Ministers as well as a clear value proposition for each mission and for each type of stakeholder to support industry engagement.
- Delegates recognized the importance of having the right people at the table at MI-8 and future meetings – including representatives from non-MI countries, industry, philanthropies, and the investment community.

Next Steps

- Secretariat to work with Missions to develop a list of concrete actions (“what we will do”) or outcomes (“the impact we have had”) that MI wants to showcase at MI-8 and COP28 building on the Action Plans and Sprints launched at MI-7

- Secretariat to work with hosts for MI-8 and COP28 to ensure MI Missions are featured.
- Missions and the Secretariat to reflect on what missions can do to engage the private sector in tangible ways (including inviting private sector entities to future Annual Gatherings and Ministerials).

Consultation Huddles



Photo by Roberto Vianna

Purpose of the Session

The purpose of this session was to obtain views and ideas from senior representatives and Mission members on 4 topics: private sector engagement, branding and individuality, increasing MI's reach, and MI at COP28.

Key Messages

- Private sector engagement: Value propositions are needed for different types of groups and within different sectors to bring the right people to the table.
- Branding and individuality: The vision statement ("who we are") and narrative for the umbrella brand needs be revisited and updated to make sure it is clear, catchy, and sets MI apart from other initiatives.
- Increasing MI's reach: Beyond looking at membership (e.g., bringing members of missions into the fold), there are other ways of increasing MI's reach such involving non-members in MI initiatives and having a prevalent presence at major global events.
- MI at COP28: MI could relay a positive message – global, governmental collaboration in action to address the climate challenge - also to serve as a good example to others through lessons learned/best practise. This could also make ministers feel responsible for showing a collective response to these issues at key events like Goa. MI members could support MI by providing a stage e.g., at their pavilion and support with their network.

Next Steps

- Private sector engagement: Senior reps and Missions to reflect on the strategic approach of MI when working with Private Sector, including considering who should be at the table (e.g., industry and finance sectors) for MI meetings like the AG and Ministerial.
- Branding and individuality: A communications working group should be formed. The main focus lies on a strong pitch that can be shared in 1-3 slides plus a clear brand architecture.
- Increasing MI's reach: Secretariat should approach countries that are in Missions, but not currently MI members, to gauge their interest. Secretariat should clarify the route to membership, with instructions for countries with specific circumstances, such as multiple ministry involvement. Members might also explore a possible 'observer status' for potential new members (helping to maximise the impact of MI without compromising the membership model agreed at the start of MI 2.0).

- **MI at COP28:** Secretariat will facilitate working group (Taskforce) and prepare a communications plan and the message of what MI has to offer and achieve ahead of Goa. Each Mission should have a list of what they will be delivering at the Ministerial in Goa and how that flows into COP and beyond.

Insights Workshop



Photo by Roberto Vianna

Purpose of the Session

To introduce the Insights Module's planned activities in 2023 and to collect feedback for the Energy Innovation Metrics Hub as well as the reporting process via the MI Member Survey and the National Innovation Pathways (NIPs). These activities contribute to implementing the commitments of the Track and Review Framework.

Key Messages

- The Energy Innovation Metrics Hub would provide MI with an opportunity to become a global centre for data and metrics. It should be structured in a way that enables data driven decision making for MI Missions and MI community.
- The data on presented indicators from the JRC, IEA and IRENA would be highly relevant but at the same time it is important to make a targeted selection. While we will not be able to fill in all data gaps at once, it is also useful to question why the data is not available.
- The MI Member Survey and the NIPs reports can help national governments (e.g., when preparing ministers, bilateral discussion, exploring cooperation opportunities), but the reporting process needs to be as simple as possible.
- Making metrics work for MI Missions – it is important to structure metrics in a way that will help best inform the Missions, however, some indicators for one Mission might not be easily applicable for other Missions.
- Inspiring private investment – metrics can drive behaviour and positive signs of activity can encourage private action.
- Capacity building – more exchange on data collection between Members but also exchange of information between Missions would be helpful.
- Member country priorities – various areas such as linking the energy transition and job creation have a lot of importance to governments, thus it would be valuable for the Hub to demonstrate it.

Next Steps

- Secretariat to continue developing the plans for the Energy Innovation Metrics Hub.
- Secretariat to engage with members regarding the establishment of the MI Think tank that will help facilitate knowledge sharing events and more.

Hackathon



Photo by Roberto Vianna

Purpose of the Session

This session provided an opportunity for Senior Representatives to discuss shared opportunities and challenges.

To facilitate open dialogue, the detail of these discussions was not captured, however, the next steps are outlined below.

Next Steps

- Collaborating with Multilateral Development Banks – Secretariat should define a clear value proposition for engaging with MDBs that articulates a policy objective for the MI community, and then outline potential pathways for engagement.
- Learning from other nations with successful innovation programs on the ingredients for success - There is a clear need for sharing experiences (which we hope to address via the MI hydrogen valley platform), networking and new partnerships. Capacity building especially on regulatory issues is needed. A new workstream which MI could consider is 'the skills agenda' but not only for technical professions, but also for policy making and regulators.
- Engagement in the G20 - Recognised that MI sits across multiple G20 working groups, and that the G20 is a different set of processes, is political and not a decision-making body. It could serve as a key opportunity to raise MI's visibility by placing Missions into working group presentations, which are then captured in communiques or the chair's summary. There remains a question as to who the MI Central point for G20 is.

MI Closing Plenary



Photo by Roberto Vianna

Purpose of the Session

To provide members with the opportunity to reflect on progress made during the meetings and agree next steps.

The MISC Vice-Chairs and Chair of the TAG reported back on progress against the meeting objectives. See **Annex 1** for slides presented.

Key messages

- Progress since the Annual Gathering in Riyadh in 2020, when the Mission concept was born, is impressive. The Missions are at the core of MI's mandate and embody the initiative's ambitions. Their success will hinge hugely on the contribution and support of members.
- Members noted that three distinct issues emerged from the discussions: MI branding; how to cohesively structure and manage joint work of CEM and MI; and how to position MI in the wider global context of clean energy and climate collaboration such as the G20 and COP.
- Members expressed enjoyment of the informal meetings and huddles provided over the three days and expressed a hope that they be continued in future Gatherings.
- Other members noted the utility of the Gathering to showcase the work being done by the MI community, and others look forward to new work arising such as the energy metrics hub.
- MI could be elevated in other regions where it is currently underrepresented, such as the Middle East, through Members in the region, COP or associated international events like the Regional Climate Weeks.
- Members highlighted the importance of receiving early information on the Ministerial, particularly given it will fall during a holiday period for most.

Next Steps

Implementing the Missions and equipping for success

- Develop a list of concrete actions MI wants to showcase at MI-8 and COP28.
- Working with hosts for MI-8 and COP28 to ensure MI missions are included in discussions.
- Reflecting on what missions can do to engage the private sector in tangible ways (including consider inviting private sector to Annual Gathering & Ministerials).
- Members encouraged to consider wider commitments to Mission Innovation enshrined in MI 2.0, such as providing resource to the Secretariat.

Monitoring progress

- Continue working on a Mission review process and first reporting of Mission reviews at the next Annual Gathering.
- Present first results on mapping the innovation landscape of clean energy technologies via the Hub at the next Annual Gathering.

Extending our reach and impact

- Refine a communications plan – encompassing branding, elevator pitch and comms toolkits – ensuring flexibility to cater for different audiences including the private sector.
- Prepare to increase presence and representation at events (especially COP28).
- Consider Task Forces for MI Narrative and activity at COP28.
- Approach countries that are in missions but not members to measure their interest.
- Clarifying the road to membership, with instructions for countries with specific circumstances, such as multiple ministry involvement.
- Consider a new status for observer countries and potential members.



SIDE MEETINGS



Photo by Roberto Vianna

COP28: Cooling Pledge Consultation

Representatives from the Cool Coalition and COP28 presidency led this session as a consultation meeting with MI and CEM members to get their feedback about the draft Cooling Pledge. They emphasized that cooling is not a luxury, that it is needed for food and medicine transportation as well as peoples' health in a warming climate. However, cooling is also one of the most critical blind spots in today's energy debate and one of the biggest contributors to global warming. The COP28 Presidency envisions three cooling-related outcomes: cooling input in the Global Climate Stocktake, commitments on concrete measuring actions on pledge and support announcements, and a high-level moment about cooling at COP28. During this consultation with MI and CEM members, suggested additions to the Cooling Pledge include a commitment to supporting innovation for better efficiency, commitments specifically for cities and sub-national governments, and a focus on technology affordability. The COP28 focus on cooling directly aligns with work done by Mission Innovation's Affordable Heating and Cooling Innovation Community and could be an opportunity for MI to showcase one of their initiatives.

Biofuture Initiative: Collaboration between CEM Initiatives and MI Missions on Bioresources

The Integrated Biorefineries Mission held this session to initiate collaboration between MI Missions (Biorefineries, Shipping, Industries, and CDR BiCRS technical track) and CEM Initiatives (Biofuture Initiative and Campaign). MI Missions and CEM Initiatives presented the scope of their work and discussed potential areas of overlap/complementarity. As next steps, the Missions and Initiatives will add their current activities to a table developed by the Biorefineries Mission, to better identify areas of overlap, synergy, and gaps.

CHM Workshop: Hydrogen Exchange Program and Enabling Environment Working Groups

The Clean Hydrogen Mission, led by members from Chile and Germany, organized a workshop to kick-off their workstreams of pillar 2 and pillar 3. The Mission presented their plans for 2023, invited best-practice examples from the [Latin American region](#), and raised awareness about the Mission's Hydrogen Exchange Program and activities to advance an enabling environment for a hydrogen economy.

EPI – A fair green transition throughout lifestyle changes: what enabling conditions?

Skills, inclusivity, and workforce development are the key socio-economic elements of the energy transition that relate to empowering people and promoting just and equitable transitions. The cost-of-living crisis has meant that energy and transport costs have increased, and many governments had to focus on providing additional social security support for low-income households. Achieving carbon neutrality by 2050 will require highly skilled and diverse workforce that draws on talent from all sectors and all corners of society.

Biofuture Campaign: Future Fuels

Building off the Biofutures Initiative side event, the CEM Biofutures Campaign hosted this session with a focus on challenges and areas of collaboration on the topic of biofuels. CEM CCUS, Biofutures Initiative and Campaign, and Clean Hubs participated, along with MI's Integrated Biorefineries, Shipping, and Industry Missions. As next steps, participants decided on the future development of white papers to demonstrate the path forward in collaboration between CEM and MI.

Special Session: Latin America Regional Energy Transition

Representatives from the IEA and IRENA provided key insights on the energy transition in the LATAM region in this special session, including opportunities across the clean energy technology innovation to deployment spectrum. The IEA announced a special report in production on Latin America, which will focus on pathways to energy transition throughout the regions, and how Latin America will be positioned in a global net zero world. IRENA presented a regional energy transition outlook case study on Central America – a first of its kind – and announce it will be publishing an energy transition outlook for South America this year. A preliminary assessment was completed in 2022.

Key takeaways from the session included:

- The crucial need for international cooperation to support clean energy deployment and integration
- The need for more regional integrations from countries
- An opportunity for collaboration and sharing of best practices (e.g., mainstreaming energy efficiency, solving the issue of technology development vs. Investment)
- Energy security is crucial in the transition
- Ensuring equality in energy transitions (a just transition)

US-led Financing Clean Energy Demonstrations Dialogue

Building of a workshop organised at GCEAF, the US DOE Office of Clean Energy Demonstrations organised the first in a series of three discussions between Senior Officials focused on methods to finance clean energy demonstration projects. This first session centred on how governments are advancing offtake mechanisms to create demand and economies of scale for products produced by

large scale clean energy demonstrations. Breakout groups discussed advanced market commitments, contracts for difference, low-carbon procurement, and mechanisms within the shipping industry. The US will provide a summary of the session as well as a blog post compiling lessons learned / best practices for offtake mechanisms explore methods of wider distribution among the MI network.

Breakthrough Agenda

This was the first annual gathering since the Breakthrough Agenda became a joint project between CEM and MI. The Breakthrough Agenda project team ran four side meetings on the joint MI and CEM day.

The first event was a plenary session on the Future of Climate Collaboration which included a brief reminder of the Breakthrough Agenda proposition, a passionate call to Action on the Breakthrough Agenda by Gonzalo Muñoz, and a short update from the COP28 Presidency team about the status of planning for COP. The Chair then opened-up to the floor for comments from the audience on what success looks like at COP28 for CEM, MI and the Breakthrough Agenda, as well as requesting feedback on what members wish to see from the Breakthrough Agenda to make this new partnership as effective and beneficial as possible to CEM and MI. A range of feedback was raised by member countries and organisations and will be taken into account by the Breakthrough Agenda project team in planning towards COP28.

The other three sessions were sectoral roundtables which aimed to build an understanding of progress on critical elements of the transition in each of the Hydrogen, Steel and Power Breakthrough sectors. Attendees discussed progress against Priority Actions agreed at COP27, plans for COP28 and key interim milestones, and how attendees could support each action to achieve the relevant Breakthrough goal. These sessions were attended by MI Mission directors and CEM initiative leads, country representatives, partner organisations and a range of other key initiatives both in person and virtually. Next steps vary between sectors and Priority Actions, but overall the Breakthrough Agenda project team will gather feedback, disseminate a readout, and reflect this in further discussions for each Breakthrough going forward.

CONCLUSION – A FINAL WORD FROM THE MI SECRETARIAT



Against the backdrop of the magnificence of Rio de Janeiro, the 2023 MI Annual Gathering was a memorable moment for senior representatives, delegates, and friends of MI to take stock, reinvigorate, share views, plan for the future and to reiterate our collective commitment to making Mission Innovation the global forum to catalyse clean energy for all, accelerating progress towards the Paris Agreement goals and pathways to net zero.

During the meetings in Rio, the MI Secretariat listened keenly to your views, ideas and recommendations across the meetings. Under the guidance of the MI Steering Committee Chair, Vice-Chairs and members, we look forward to working closely with you all, so that we can take forward the outcomes of this Gathering and demonstrate progress at MI-8, COP28 and onwards to Brazil in 2024.

The successful design and delivery of the Annual Gathering would not be possible without the determination and commitment of the entire MI community, from senior representatives, workstream leads, collaborators, delegates and all those who support from within your national governments.

The MI Secretariat is also greatly appreciative for the strategic guidance of the MI Leadership team of the Chair and Vice-Chairs, as well as the broader MISC membership. In addition, over the last year, our collaboration with the CEM Secretariat has gone from strength to strength, and we look forward to building on this in the interests of both the CEM and MI communities.

Importantly, we would like to reiterate once again our warmest congratulations and deepest gratitude to our Brazilian hosts for organising a remarkable event. Their professionalism, dedication, enthusiasm, and expertise was prevalent from the outset of the planning phase to the delivery of the event.

We look forward to reconvening Ministers in Goa in July this year. Over the next months, we will continue to work closely with our Indian hosts to ensure an impactful, compelling and meaningful moment for clean energy innovation leaders across the globe.

Finally, the MI Secretariat is committed to continually evolving, improving, and listening to your feedback. In this vein, we would be most grateful if you could please complete this [survey](#) issued alongside these Summary Conclusions.