



# 14<sup>th</sup> Executive Committee (ExCo14) Meeting

12 April 2023

Green Powered Future Mission Team



- 13:00–13:10 **Welcome and Introduction**
- 13:10–13:20 **Feedback from MI Annual Gathering**
- a. CEM–MI plenary sessions and roundtables
  - b. GPFM participation and main contribution
- 13:20–13:45 **Flagship Projects progress and the way forward**
- a. FP1: National pilots and Continental Task Forces
  - b. FP2: GPFM dedicated call module 2023
- 13:45–14:15 **GPFM deliverables for CEM14/MI–8 in Goa**
- a. GPFM National Pilots Report (ToC, graphic design, timeline)
  - b. GPFM event(s) hosted by Indian DST
- 14:15–14:25 **Communication activities**
- 14:25–14:30 **AOB**

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**GREEN POWERED  
FUTURE**  
MISSION

# Welcome and Introduction by GPFM co-Leads



# ExCo14 Participants



MI Countries		
Name	Member	Org./Country
Jian Sun	China	MOST
-	UK	DESNZ
Stefano Raimondi	Italy	MASE
Jiayu You	China	MOST
Yibo Wang	China	IEE CAS
Jia Zhang	China	IEE CAS
Ran Bi	China	IEE CAS
Sarah Butler	UK	DESNZ
Marcello Capra	Italy	MASE
Teo Martin	Italy	MASE
Francesco Luca Basile	Italy	Uni. BO
Eleonora Sanseverino	Italy	Uni. PA
Luciano Martini	Italy	RSE
Mattia Cabiati	Italy	RSE
Viktoriiia Fedorova	Italy	RSE
Gloria Scalco	Italy	RSE
Rachele Nocera	Italy	MUR
Francesco Sergi	Italy	CNR
Ilaria Bencini	Italy	CNR
Monica Fabrizio	Italy	CNR
Giorgio Graditi	Italy	ENEA
Maria Valenti	Italy	ENEA

Co-Leads

MI Countries		
Name	Member	Org./Country
Peta Olesen	Australia	DISER
Niall Jacobsen	Australia	DISER
John K. Ward	Australia	CSIRO
JBV Reddy	India	DST
N.P. Padhy	India	IITR
Akash Sagar	India	IITR
Arpit Kumar	India	IITR
Hisham Alhassnan	S. Arabia	Min. of Energy
Basel Alsubaity	S. Arabia	Min. of Energy
Abdullah Almehezia	S. Arabia	KACST
Cristina Trueba	Spain	MCIN
Oscar Izquierdo Monge	Spain	CIEMAT
Luis Manuel Santos	Spain	EDP
Eva María González	Spain	MCIN
Sabine Mitter	Austria	BMK
Helfried Brunner	Austria	AIT
Gustavo Ponte	Brazil	EPE
Michele Souza	Brazil	EPE
Alexandre Prieur	Canada	NRCAN
Patrick McCauley	Canada	NRCAN
Josef Ayoub	Canada	NRCAN
Maria Getsiou	EU	EC
Peter Horvath	EU	EC
Ralf Eickhoff	Germany	Fz Juelich
Yuko Kono	Japan	METI
Masashi Shiraishi	Japan	METI
Koreeda Kenichiro	Japan	METI
Jun Hashimoto	Japan	AIST
Maruta Akiteru	Japan	Technova
TBC	Netherlands	-
Gwonho Jeong	R. of Korea	MOTIE
Yejin Lee	R. of Korea	KETEP

Core Members

Support Members

Private sector		
Name	Member	Org./Country
Paolo Vanoni	Alperia	Italy
Ivano Fadanelli	Alperia	Italy
Annalisa Andaloro	Alperia	Italy
Ercole De Luca	Areti	Italy
Massimo Bonato	Areti	Italy
Viviana Vitto	Enel Grids	Italy
Mena Testa	Enel Grids	Italy
Endi Zhai	Goldwind	China
Qizhong Shi	Goldwind	China
Gavin Starks	Icebreaker One	UK
Zhenguo Li	longi	China
Yaohua Shang	longi	China
Li Jiang	longi	China
Si Wang	longi	China
Dong Wang	longi	China
Chen Zhu	longi	China
Amir Alikhanzadeh	National Grid	UK
Alexander Riddiford	National Grid	UK
Sebastian Van Dort	BSI Group	UK
Abbey Dorian	BSI Group	UK
Dan Clarke	ENA	UK
Farina Farrier	ENA	UK
Alberto Biancardi	GSE	Italy
Alberto Jr Pela	GSE	Italy
Luca Marchisio	TERNA	Italy
Luca Orrù	TERNA	Italy
Stefano Tedeschi	TERNA	Italy
Antonio Iliceto	ETIP-SNET	EU

Core Members

Support Members

International organisations		
Name	Member	Org.
Francisco Boshell	IRENA	IRENA
Arina Anisie	IRENA	IRENA
Martina Lyons	IRENA	IRENA
Mirlan Aldayarov	World Bank	WB
Vida Rozite	IEA	IEA
Pauline Henriot	IEA	IEA
Emi Bertoli	IEA	IEA
Ghislaine Kieffer	IEA	IEA
Irmgard Herold	MI Secretariat	
Andrew Pease	MI Secretariat	
Tom Rollason	Private Sector Engagement	

Support M. Core Members

# Upcoming events & Timeline

## March – May main events:

- 20–22 March MI Annual Gathering, Rio de Janeiro, Brazil
- 4 April 1<sup>st</sup> Continental Task Forces Meeting
- 12 April **ExCo14 Meeting**
- May GPFM International Workshop by MASE, Italy (online)
- 17–18 May G20 ETWG, Mumbai
- Mid-May ExCo15 Meeting (17–18, 23–24/5)

## Continuous engagements:

- **Co-Leads** weekly calls
- Co-Leads Senior Officials calls
- Coordination meetings with **Urban Transitions Mission** and **CETPartnership**
- Meetings with GPFM members (Brazil, India, Australia)

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# MI Annual Gathering

- 20–22 March, Rio de Janeiro, Brazil
- Participation of more than **150 clean energy leaders** from CEM and MI community
- 3 full day agenda aimed to:
  - Facilitate **knowledge exchanges** and showcase **best practices** of international collaboration and **impact** among CEM and MI initiatives
  - Agree on the **main joint strategies** and outcomes in view of the upcoming **CEM14/MI-8 Ministerial** in Goa in July 2023





# CEM-MI Plenary sessions and Roundtables

Participation and contribution to the following sessions and roundtables:

- Missions – Best Practices Roundtables
- Missions – Tracking Progress (KPI & TAG) Workshop
- Urban Transitions Mission Side Event
- MI/CEM Joint Plenary: Impact and Synergies
- Power Breakthrough Roundtable – delivering the 2023 Priority Actions
- Missions Roundtables: **Delivering in 2023 and Beyond**
- Insights Workshop



# GPFM main contributions

- **GPFM overview** as part of the pre-reading material for the MI Annual Gathering (*GPFM description, Deliverables for 2023, Resourcing, Stakeholder Engagement, Communications*)
- **Very positive feedback** from MI and MI Sec soon after submission
- Live and fruitful discussion during the **MI roundtable** on Day 3, chaired by UK HoD Lee McDonough:
  - Main outcomes from the National Pilots survey
  - GPFM concrete Deliverables for 2023
  - Positive feedback

CEM & MI IN RIO  
Clean Energy Ministerial 14 Senior Officials Meeting  
Mission Innovation 8 Annual Gathering

GPFM

Deliverables		
Action	Concrete Deliverable(s) for 2023	Details
FP1 5 Demos in five Continents	Results from the survey issued to collect relevant information about ongoing and planned GPFM members' national pilot projects that tackle one or more of the 50 IPs identified in the Action Plan. These projects will also constitute the building blocks of the FP1 continental demos.	<ul style="list-style-type: none"> <li>• Main outcomes analyzed at the ExCo13 meeting and openly discussed.</li> <li>• Set up three Continental Task Forces - CTF (I Asian, II European, and III N&amp;S American and Australia) to monitor the progress and foster info sharing among national pilots contributing to FP1 continental demos.</li> </ul>
	National pilots design considering use cases definition and mapping	<ul style="list-style-type: none"> <li>• Several key activities including data mining, studies and analysis, numerical simulations, CBA and laboratory-scale testing as appropriate and/or needed.</li> <li>• The outcomes from this activity will be available at the end of Q2/2023, laying the ground for the selection and delivery of national pilots.</li> </ul>
	National Pilots final selection	<ul style="list-style-type: none"> <li>• Selection by Q4/2023 of the national pilots that will constitute the continental demos under FP1.</li> </ul>
FP2 Multilateral Research Programme	Establishment of a fruitful collaboration with the CETPartnership	Meetings and information exchange with CETPartnership TRI leads have been organized to discuss and proceed towards the development of the dedicated FP2 joint call module.
	Drafting and submission of the scoping paper for the joint call module "Green power production technologies, storage and system integration"	The scoping paper covering the 11 innovation priorities selected by a coordinated effort (survey, dedicated task force, etc.) has been submitted on 15 February.
	Launched survey to collect detailed information about the possible contribution to FP2 and in particular the likelihood for GPFM members Ministry/funding Agency/other to assign resources to the FP2 Call Module 2023	The information collected by this FP2 survey is crucial for the shaping of the foreseen activities.

27

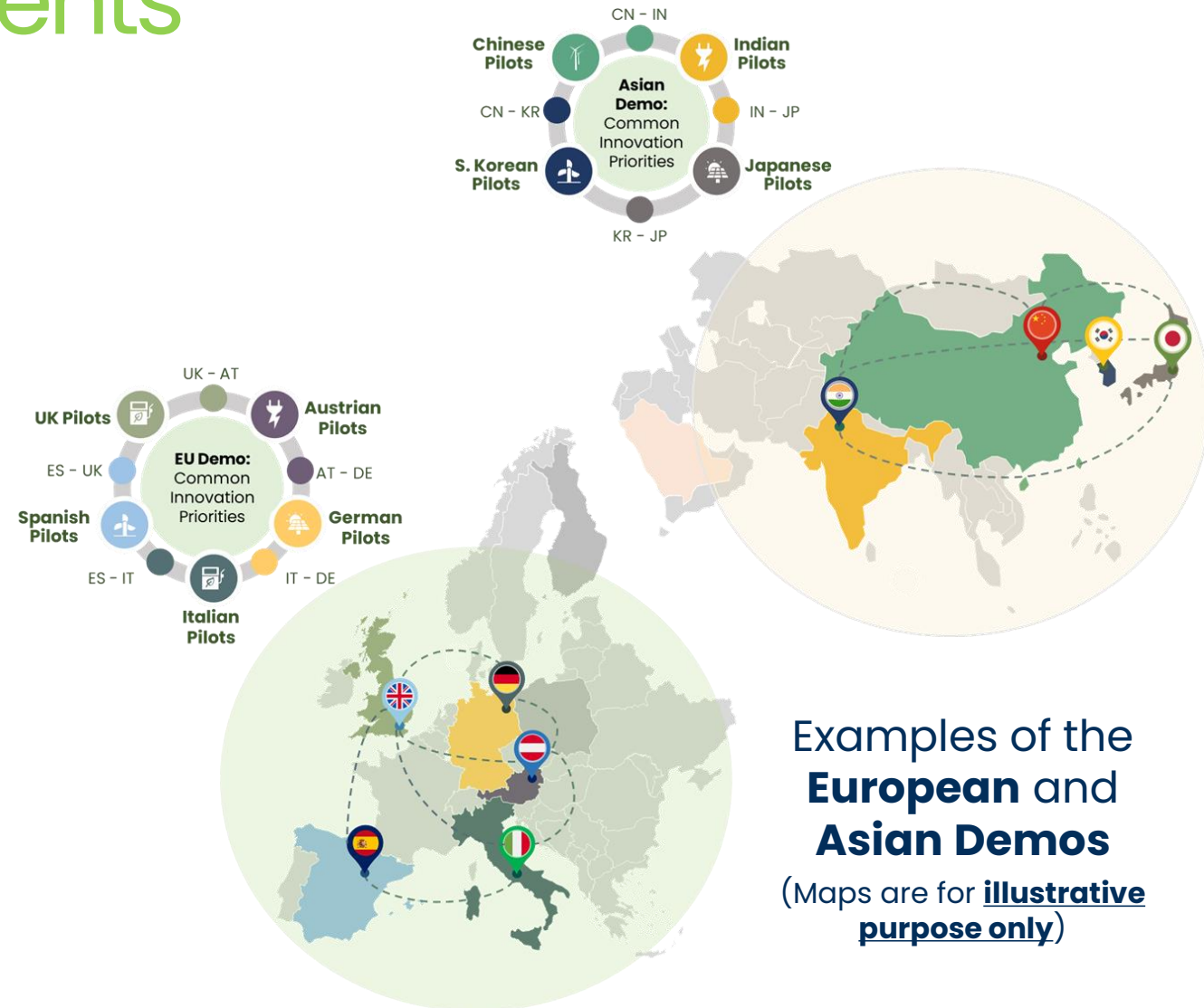


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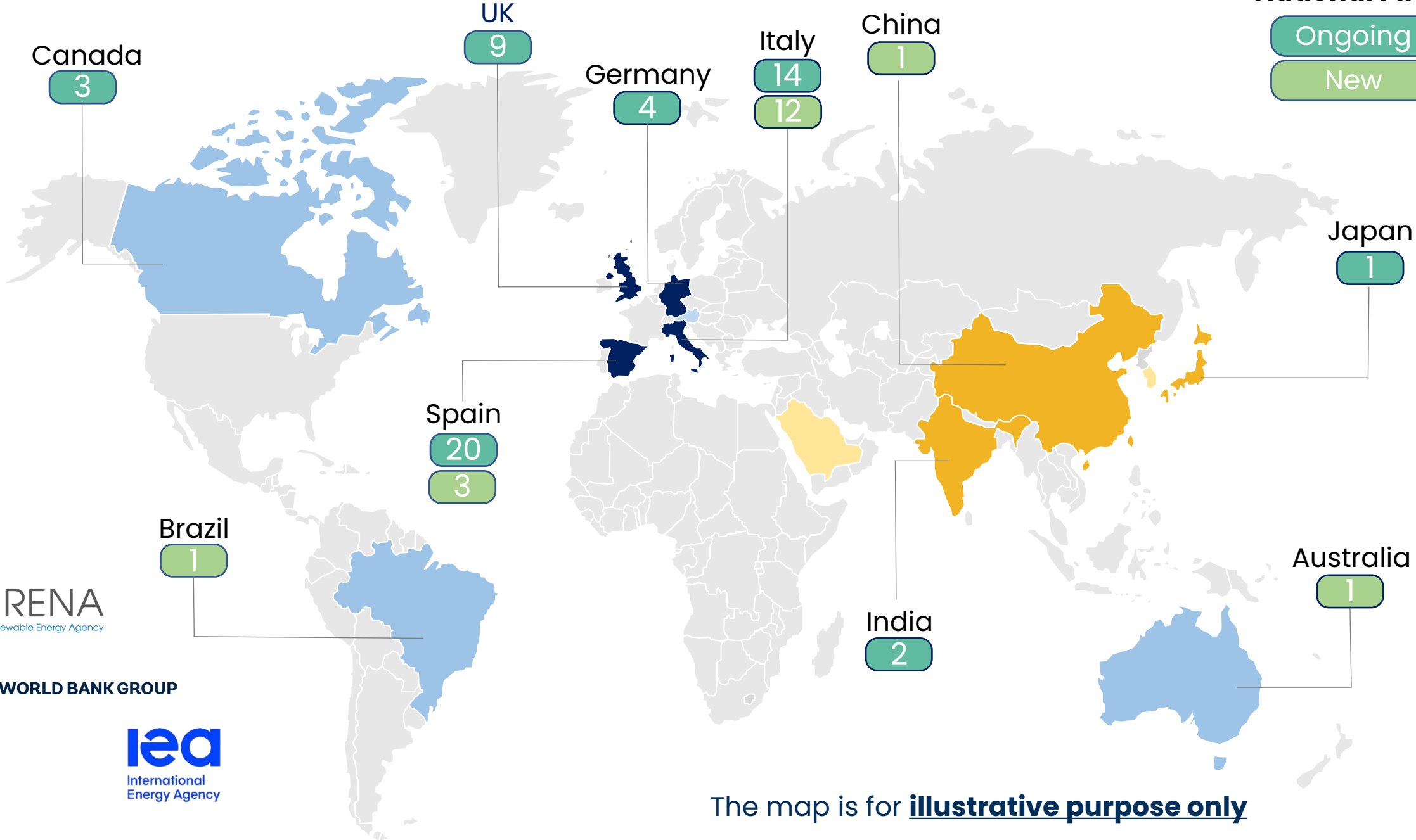
# Flagship Project 1: 5 Demos in Five Continents

- Establishing **five continental large Demonstrators** with up to **80% VRE** by 2024
- Implementing **20+ National Pilots** by engaging governments and the private sector
- Tackling urgent **Innovation Priorities**
- Populating the **GPFM Toolbox** with **proven innovative solutions**, to be disseminated broadly



**National Pilots**

- Ongoing
- New



The map is for **illustrative purpose only**

**71** Projects submitted

**37** Public funded projects

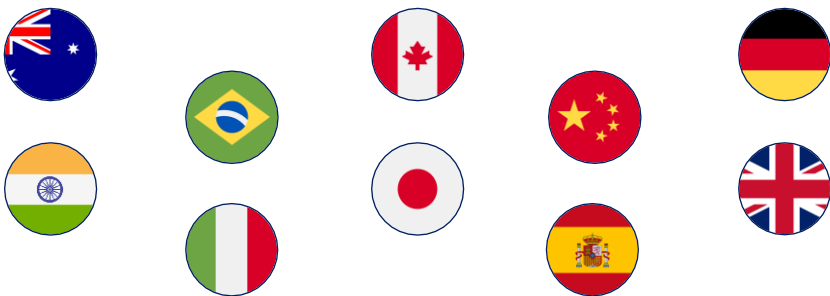
**30** Co-funded projects

**4** Private funded projects

**53**  
Ongoing  
Projects

**18**  
New  
Projects

From **10** Countries



**49**

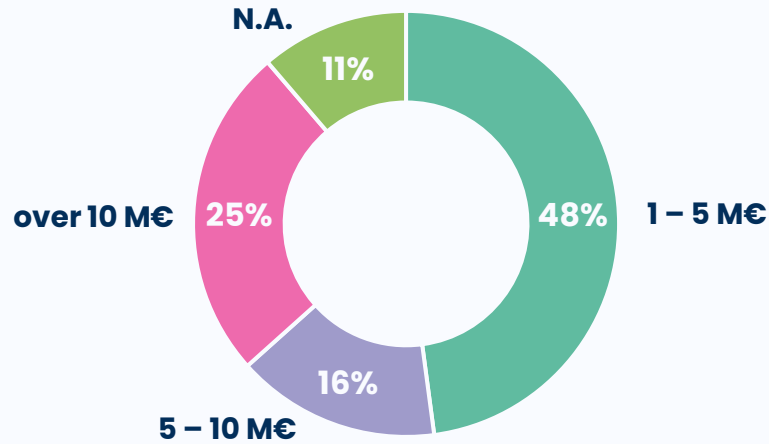
Innovation Priorities addressed  
out of 50 covered

**50+** Use Cases

**20** UCs >10x

# National Pilots survey in figures

### Project Budget (in M€)

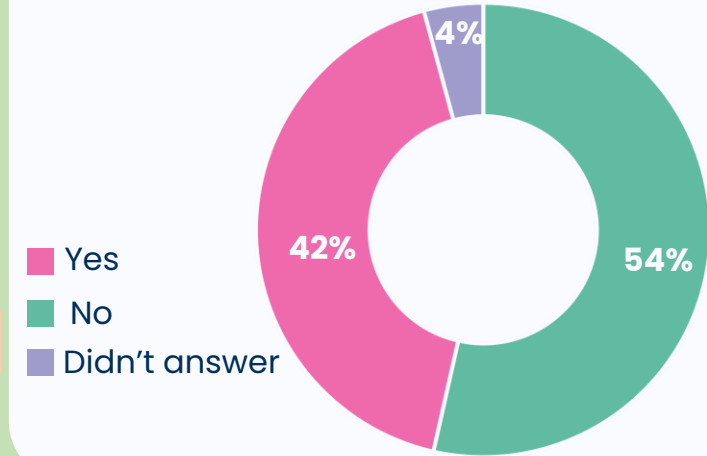


**71 projects submitted**

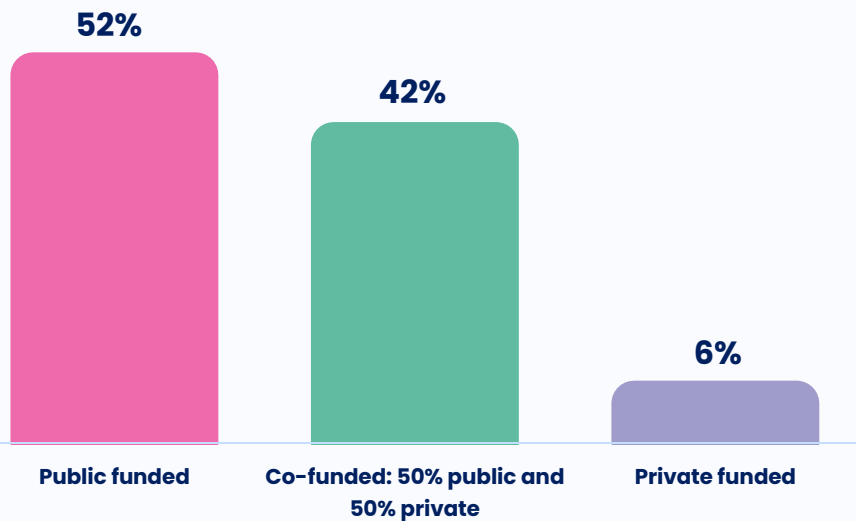
**53 ongoing**

**18 new**

### International Cooperation



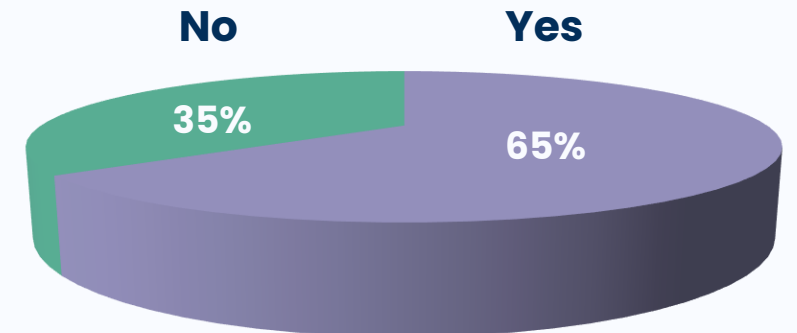
### Funding Scheme



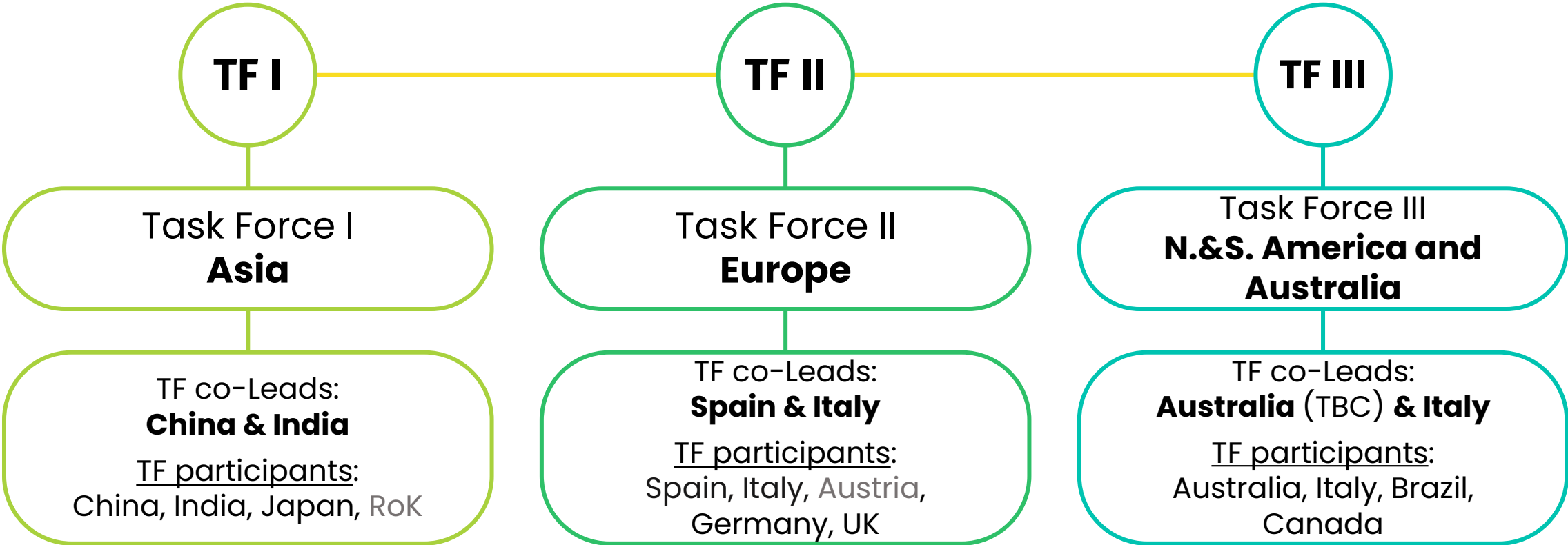
**49 IPs out of 50 covered**

**50+ Use Cases  
20 UCs >10x**

### Info publicly available on Internet



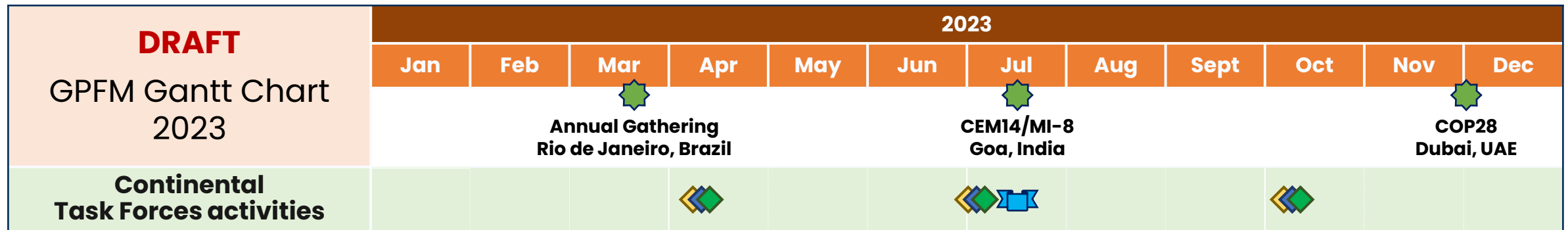
# FPI Continental Task Forces Leads





# FPI Task Forces: Main decisions & First actions

- Create on OneDrive **3 dedicated folders** per each Task Force (TF), as temporary **share point/repository**
- Share the **main information** collected by the National Pilots survey and **contact details** with TF leads and GPFM members
- Organize periodic **TF internal meetings** (as needed)
- **TF Leads** present **Task Force updates** to the GPFM ExCo **every quarter**, following the Task Force meetings



Legend

◆ Task Force I  
Asia meeting

◆ Task Force II  
Europe meeting

◆ Task Force III  
meeting

◆◆ Deliverable

★ Public event

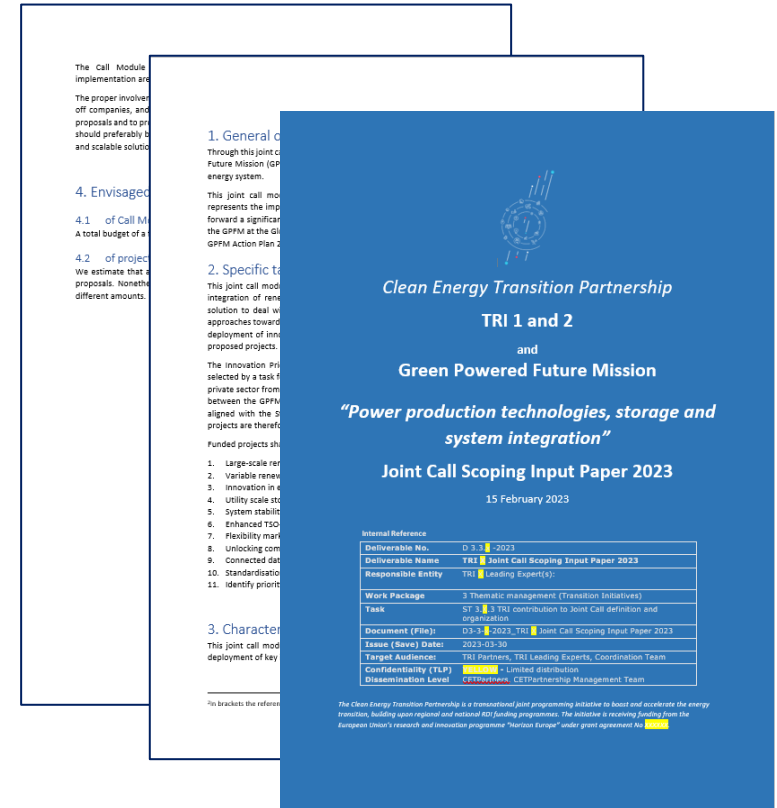
# FP2: GPFM dedicated call module

## Scoping Paper

- CETP-GPFM Call Module ***“Power production technologies, storage and system integration”***
- Document submitted on **15 February**

### **Content:**

1. General objectives
2. Specific targets and challenges
3. Characteristics of projects to be funded
4. Envisaged budget
  - 4.1 of Call Module(s)
  - 4.2 of projects to be funded



# Call Module Joint Call 2023

- Draft text **in progress**
- **Call text** to be finalized by **21 April 2023** to be circulated and approved in **May 2023**
- **Call module** pre-announcement by **July 2023**
- Call open by **Sept. 2023**

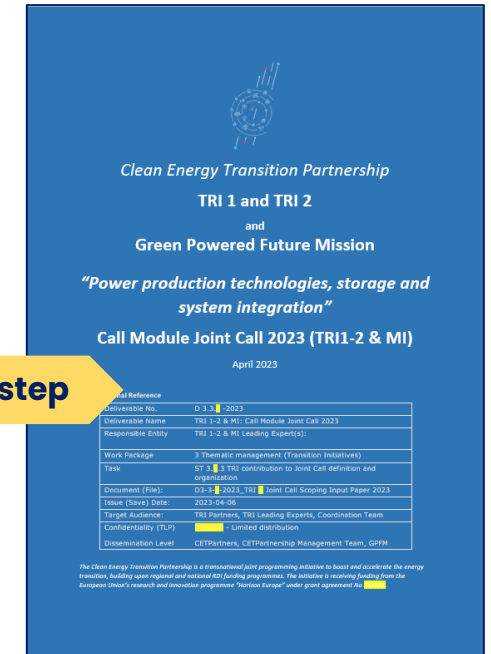


Clean Energy Transition Partnership  
TRI 1 and 2  
and  
Green Powered Future Mission  
"Power production technologies, storage and system integration"  
Joint Call Scoping Input Paper 2023  
15 February 2023

Deliverable No.	D 3.1	2023
Deliverable Name	TRI 1-2 & MI: Call Module Joint Call 2023	
Responsible Entity	TRI 1-2 & MI: Leading Expert(s)	
Work Package	3 Thematic management (Transition Initiatives)	
Task	3.1.1 Contribution to Joint Call definition and organization	
Document (File)	D3-1-2023-TRI 1-2 & MI: Call Module Joint Call 2023	
Issue (Save) Date	2023-02-15	
Target Audience	TRI Partners, TRI Leading Experts, Coordination Team	
Confidentiality (TLP)	Internal distribution	
Dissemination Level	Open access - CETPartnership Management Team	

The Clean Energy Transition Partnership is a cross-national joint programming initiative to boost and accelerate the energy transition, building upon regional and national R&D funding programmes. The initiative is receiving funding from the European Union's research and innovation programme "Horizon Europe" under grant agreement No. 101019718.

Next step



Clean Energy Transition Partnership  
TRI 1 and TRI 2  
and  
Green Powered Future Mission  
"Power production technologies, storage and system integration"  
Call Module Joint Call 2023 (TRI1-2 & MI)  
April 2023

Deliverable No.	D 3.1	2023
Deliverable Name	TRI 1-2 & MI: Call Module Joint Call 2023	
Responsible Entity	TRI 1-2 & MI: Leading Expert(s)	
Work Package	3 Thematic management (Transition Initiatives)	
Task	3.1.1 TRI contribution to Joint Call definition and organization	
Document (File)	D3-1-2023-TRI 1-2 & MI: Call Module Joint Call 2023	
Issue (Save) Date	2023-04-06	
Target Audience	TRI Partners, TRI Leading Experts, Coordination Team	
Confidentiality (TLP)	Internal distribution	
Dissemination Level	CETPartners, CETPartnership Management Team, GPFM	

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## CETP-GPFM Call Module – Title finalization:


- **"Power production technologies, storage and system integration"** (present version)
- "Solution for system reliability (or stability) and flexibility: Power production technologies, storage system integration"
- "Solution for system reliability (or stability) and flexibility: Power production and storage technologies and their system integration"
- "Innovative solutions for system stability, reliability and flexibility: Power production technologies, storage and system integration"

# Call Module Joint Call 2023

## Main R&I Themes

- Large-scale **renewable generation** and **system flexibility** and **reliability**
- **Energy storage technologies** and systems for **flexibility services**
- **System stability** and **flexible operations**
- Innovative **flexibility sources** and **flexibility markets**
- **Energy data management** and **security**

1. General objectives  
Through this joint call module, the CETPartnership TRIs 1, 2 and the Mission Innovation Green Powered



Clean Energy Transition Partnership  
**TRI 1 and TRI 2**  
and  
Green Powered Future Mission  
“Power production technologies, storage and system integration”  
Call Module Joint Call 2023 (TRI1-2 & MI)  
April 2023

Internal Reference	
Deliverable No.	D 3   -2023
Deliverable Name	TRI 1-2 & MI: Call Module Joint Call 2023
Responsible Entity	TRI 1-2 & MI Leading Expert(s)
Work Package	3 Thematic management (Transition Initiatives)
Task	ST 3   TRI contribution to Joint Call definition and organisation
Document (File)	D3-3-2023_TRI   Joint Call Scoping Input Paper 2023
Issue (Save) Date	2023-04-06
Target Audience	TRI Partners, TRI Leading Experts, Coordination Team
Confidentiality (TLP)	Public   Limited distribution
Dissemination Level	CETPartners, CETPartnership Management Team, GPFM

The Clean Energy Transition Partnership is a transnational joint programming initiative to boost and accelerate the energy transition, building upon regional and national R&I funding programmes. The initiative is receiving funding from the European Union's research and innovation programme "Horizon Europe" under grant agreement No 101019718.

# Call Module Joint Call 2023

## The 11 selected IPs



1. **Large-scale renewable energy** generation for improving system reliability & stability (IP 1.3.2)
2. Variable renewable energy **flexibility provision** & contribution to generation capacity (IP 2.1.1)
3. Innovation in **energy storage technologies** (IP 1.5.3)
4. **Utility scale storage** systems for innovative flexibility services (IP 2.4.3)
5. **System stability assessment** considering high VRE penetration (IP 2.3.1)
6. Enhanced **TSO-DSO coordination platform** for flexibility markets optimisation (IP 2.3.2)
7. **Flexibility markets** for innovative ancillary services by VRE and storage (IP 2.7.1)
8. Unlocking **commercial and residential buildings flexibility** potential (IP 2.5.2)
9. Connected **data platforms** for enhanced forecasting and flexible operation (IP 3.3.2)
10. **Standardisation** of devices and control platforms (IP 3.1.2)
11. Identify priority **dataset for system security** (IP 3.2.2)

# GPFM Members Contribution to FP2

*Basic info collected by means of  
the survey launched in  
February 2023*

GPFM Coalition member		Possible contribution to FP2	Confirmation Yes/No
Core Team	China	-	
	Italy		
	UK	-	
	Australia		
	India		
	Saudi Arabia	-	
	Spain		
	IRENA		-
	World Bank		-
	Alperia		-
	Areti		-
	Enel		-
	Goldwind		-
	Icebreaker One		-
	Longi		-
National Grid		-	
Support Team	Austria		
	Brazil	-	
	Canada		
	EU* (CETP)	*	
	Germany		
	Japan		
	The Netherlands	-	
	Republic of Korea		
	IEA		-
	BSI Group		-
	ENA		-
	GSE		-
	Terna		-

# The Coalition: Public - Private Partnership



alperia



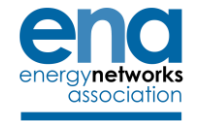
bsi.



LONGI



nationalgrid



Draft for discussion & approval

# Open discussion:

## Flagship Projects progress and the way forward

### **FP1:**

- Task Forces (TF) main activities and next steps
- First TF meetings schedule: update from TF co-leads
- ...

### **FP2:**

- GPFM Members' commitment to FP2
- Present status of the CETP-GPFM Call Module
- FP2 timeline:
  - Submission of the Call Module text (by 21 April)
  - Call module pre-announcement (by July 2023)
  - Call open (by September 2023)





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# GPFM Gantt Chart



International Collaboration and Dissemination	2022				2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec
	Annual Gathering New Delhi		CEM13/MI-7 Pittsburgh		Annual Gathering Rio de Janeiro, Brazil		CEM14/MI-8 Goa, India		CEM15/MI-9 Brazil			
GPFM Announcements		★		★		★		★				
Public Workshops organised by GPFM members												
GPFM General Assembly						★			★			
GPFM stakeholders' engagement: Private sector engagement workshops			★		★		★		★		★	
GPFM Internet-based Platform for Knowledge Sharing												
Collaboration with ISGAN												
Collaboration with Urban Transitions Mission												
Collaboration with CETP												
Alignment with international initiatives including: 3DEN, Power Breakthrough, G-PST, ETIP SNET												



Periodic meetings Joint Events

# Possible outcomes for CEM14/MI-8

Aim to release the **National Pilots Report** in Goa

- Collating the main **info** and **outcomes** from the **FPI National Pilots survey**
- Developing a **concise document** including the material from the survey and graphics
- This Report could hence include:
  - Collated **National Pilots info**, with half a page fiches'-format (i.e., for GPFM countries, international organizations, and the private sector)
  - Info on **Innovation Priorities coverage**
  - Dedicated section about **Continental Task Forces**
  - ....

GPFM Flagship Project 1: information collection about national pilots	
<i>Projects launched after Q1 2021 or foreseen to be launched before Q4 2024 are in scope</i>	
<i>Please complete the yellow cells</i>	
GPFM member	Italy - Ministry for Ecological Transition (MTE)
Project name / acronym	GridFlex
Project short description (max. 100 words)	The GridFlex project aims at establishing a new grid planning methodology considering the opportunity to introduce new storage and flexibility resources in electricity transmission and distribution grids as an alternative to building new grid elements. This is in line with the goals and principles of the new EU package Clean Energy for all Europeans, which emphasizes the potential usage of flexibility resources in the phases of grid planning and operation as alternative to grid expansion.
Ongoing or new	Ongoing (launched after Q1 2021)
Starting date	01/12/2022
Duration	3 years
International Cooperation	No
Main involved partners	RSE ...
Funding scheme	Co-funded: 50% public and 50% private
Project budget (M€)	2 M€
Web link	<a href="https://gridflex-project.eu/">https://gridflex-project.eu/</a>
Notes (e.g. additional use cases tackled)	This project additionally tackle the following use cases: ...

R&I Topics and the 50 most urgent Innovation Priorities as identified in the GPFM Action Plan 2022-2024	
<i>Please click on the relevant R&amp;I Topics (column A) and IPs (column C) to select the ones tackled by your project</i>	
<b>Pillar 1 - Affordable and Reliable VRE</b>	
T11 - Novel Photovoltaic	11.1 High efficiency PV cells and modules 11.3 Reliability evaluation of PV modules and systems 11.5 Software and database for PV systems 11.8 Recycling and eco-design of PV cells and modules
T12 - Offshore Wind	12.2 Floating offshore wind turbines
T13 - Integrated Renewable Energy (IRE)	12.2.1 Large-scale IRE generation for improving system reliability and stability 13.3 Distributed IRE generation at grid edge
T15 - Energy Storage Supply Chain, Recycle and Reuse	15.1 Analysis of batteries life cycle and monitor, test and recycle of batteries 15.2 Recycling and reuse batteries design 15.3 Innovation in energy storage technologies 15.4 Driving cost-reduction across the battery supply chain 15.6 Safety assessment of electrochemical storage
T16 - Technologies for System Stability	16.1 Grid-forming devices applied to solar PV and wind 16.2 Grid-supporting technologies from inverter-based resources
<b>Pillar 2 - System Flexibility and M</b>	
T2.1 - Flexible Generation	2.1.1 VRE flexibility provision and contribution to generation ca 2.1.2 Further exploitation of hydropower and pumped hydro the 2.2 Innovative components and dynamic line rating
T2.2 - Grid Flexibility	2.2.4 Enhanced control rooms and automated decision system
T2.3 - System Stability and Flexible Operations	2.3.1 System stability assessment considering high VRE penetr 2.3.2 Enhanced TSO-DSO coordination platform for flexibility 2.3.3 Innovative frequency and reserve provision capabilities



# National Pilots report: Table of Content



**Introduction:** The Green Powered Future Mission and the FPI “5 demos in five continents” (1-2 pages)

## Continental demo projects

Description and continental task forces

### Asian National Pilots

China, India, Japan, Republic of Korea, Saudi Arabia

### European National Pilots

Italy, UK, Germany, Spain, Austria, (EC), Alperia, Areti, Enel, IBI, National Grid, Terna

### Intercontinental National Pilots

Australia, Brazil, Canada

### International Organization fiches (0.5-page for each member) – TBC

IEA, IRENA, World Bank (e.g., 3DEN, “I ACT” toolkit, ESMAP, ...)

### Pilot projects (0.5-page each\*)

**Continental task forces** (1 page)

**FPI Conclusions and the way forward** (1-2 pages)

**Appendix:** Innovation priorities list (1-2 pages)

**-Members’ fiches** (0.5-page each)  
*Electricity mix graph and main national funding programs fostering clean energy transition*  
**-National pilot projects** (0.5-page each\*)

### \*Fiches material already available from National Pilots survey:

- Project name / acronym
- Project **short description** (900-1100 characters)
- Ongoing or new → infographic
- Starting date “
- Duration “
- International Cooperation “
- Main **involved partners** “
- Funding scheme “
- Project budget (M€) “
- **Web link**
- Addressed IPs → pie-chart

# National Pilots report: Main content and Graphs

Aim to include **graphic elements** in the report:

## Country Members' fiches (2-3 headlines):

- Decarbonisation targets (e.g., 400-500 characters)
- Main innovation activity (e.g., 500-600 characters)
- Electricity mix or Electricity consumption **graph**

## Int. Org. / Private Sector fiches (2-3 headlines):

- Involved Sector, e.g., wind energy (200-300 characters)
- Decarbonisation goals (e.g., 400-500 characters)
- Main innovation activity/Graph (e.g., 400-500 characters)

Please feel free to express your view on headlines  
and proposed text lengths

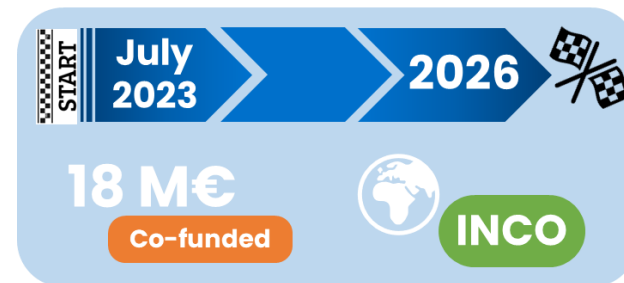
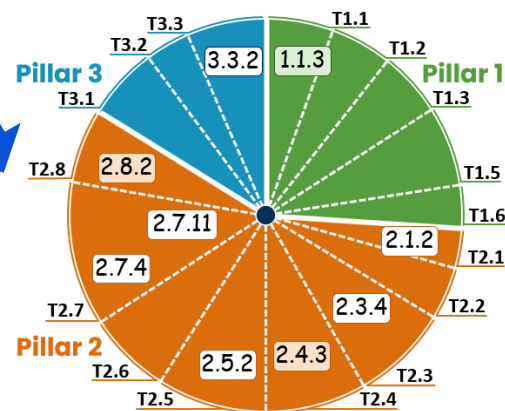


# National Pilots report: graphic design

Aim to enrich the Report with **graphic elements**:

National Pilot (NP) projects section (0.5–page each):

- **Infographic** of the **main information** of each NP project (e.g., starting date, duration, international cooperation, funding scheme, project budget in M€)
- Project's key figures and information
- **Pie-chart** of the **Innovation Priorities coverage** for each NP project
- ...



## National Pilot #2:



Project name / acronym

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Project short description (900-1100 characters)

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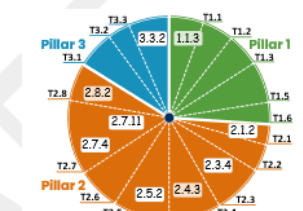
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Main involved partners

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Web link



## National Pilot #3:



Project name / acronym

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Project short description (900-1100 characters)

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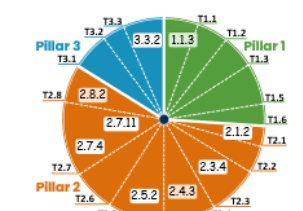
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Main involved partners

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Web link



# Open discussion: National Pilots report



- Any comment on the presented ToC?
- Additional points to be included in the document?
- Other?
- Only **limited contribution from GPFM members** is needed (0.5–page per fiche) and then **final text/info review**
- **Required actions** and **timeline**
- Graphic design, editing, proofreading, printing
- ...

**Title: GPFM national pilots report (and continental demos)**  
(All suggested pages length includes pictures & graphics)

Editors/GPFM Team (1 page) – Luciano Martini, Yibo Wang, Mattia Cabiati, Sarah Butler  
Disclaimer (0.5-1 page)  
Index (1 page)

**Introduction:** The Green Powered Future Mission and the FP1 “5 demos in five continents” (2 pages)

**1. Continental demo projects**  
Description and continental task forces

**1.1. Asian National Pilots**  
**Members’ fiches** (0,5 pages for each member)  
*Electricity mix graph and main national funding programs fostering clean energy transition*  
**National pilot projects** (0,5 pages each\*)  
*Members’ order: China, India, Japan, Republic of Korea, Saudi Arabia*

**1.2. European National Pilots**  
**Members’ fiches** (0,5 pages for each member)  
*Electricity mix graph and main national funding programs fostering clean energy transition*  
**National pilot projects** (0,5 pages each\*)  
*Members’ order: Italy, UK, Germany, Spain, Austria, (EC), Algeria, Areti, Enel, IB3, National Grid, Terna*

**1.3. Intercontinental National Pilots**  
**Members’ fiches** (0,5 pages for each member)  
*Electricity mix graph and main national funding programs fostering clean energy transition*  
**National pilot projects** (0,5 pages each\*)  
*Members’ order: Australia, Brazil, Canada*

**1.4. International Organization fiches** (0,5 pages for each member) – TBC  
**Pilot projects** (0,5 pages each\*)  
*Members’ order: IEA, IRENA, World Bank (e.g., 3DEN, “ACT” toolkit, ESMAP, ...)*

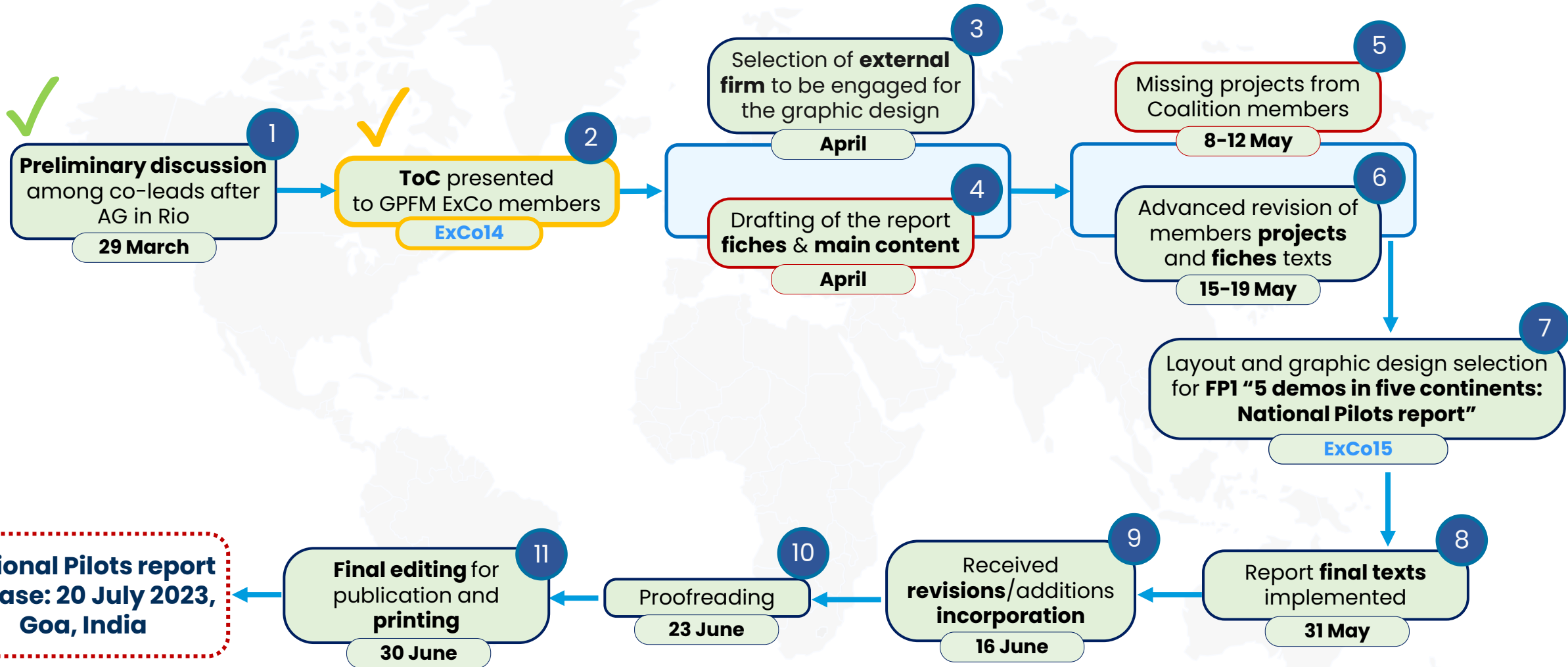
**Continental Task Forces**

**Conclusions and the way forward** (1-2 pages)

**Appendix: Innovation priorities list** (1-2 pages)

\*Fiches material already available from National Pilots survey:  
Project name / acronym  
Project short description (max 100 words)  
Ongoing or new  
Starting date  
Duration  
International Cooperation  
Main involved partners  
Funding scheme  
Project budget (M€)  
Web link  
Addressed Ips

# Proposed timeline for National Pilots report





# Side-Event Expression of Interest

- Expression of Interest filled-in template submitted as a draft to MI Sec on **7 April 2023**
- **2 submitted proposals:**
  - CEM-ISGAN & MI-GPFM Joint event on 20 July
  - GPFM dedicated event on 21 July
- Organization of a 2-hour **closed-door Meeting** on 19 July
- EoI will be reviewed by the **MI Secretariat** and the **Ministerial hosts** – the Department of Science and Technology

**EXPRESSION OF INTEREST FOR SIDE-EVENTS FOR MI-8 in GOA**  
(Submit one side event proposal form for each proposed event)

Deadline for MI Member Governments, MI initiatives (Missions and Innovation Platform) and Collaborating Organisations - 10 April 2023

The organisers listed in the proposal will be responsible for all aspects of the planning and execution of the side event, including scoping, identifying participants, and preparing speakers and moderators. The MI-8 host will provide support functions, including room and logistics, based on the event format and level of speakers.

1. Title of event	"CEM-MI international collaboration on power system" (TBC)
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**EXPRESSION OF INTEREST FOR SIDE-EVENTS FOR MI-8 in GOA**  
(Submit one side event proposal form for each proposed event)

Deadline for MI Member Governments, MI initiatives (Missions and Innovation Platform) and Collaborating Organisations - 10 April 2023

The organisers listed in the proposal will be responsible for all aspects of the planning and execution of the side event, including scoping, identifying participants, and preparing speakers and moderators. The MI-8 host will provide support functions, including room and logistics, based on the event format and level of speakers.

1. Title of event	"Spotlight on GPFM: towards 5 demos in five continents" (TBC)
2. Organiser/s Name (MI Member Government/s, MI initiatives Missions and Innovation Platform and Collaborating Organisations)	Luciano Martini GPFM Director, Ricerca sul Sistema Energetico (RSE) – Italy E-mail: luciano.martini@rse-web.it Tel: +39 3291726104
3. Summary of the Event (100 Word Max)	During the event GPFM will showcase progress and foreseen activities on the Flagship Project: FP1 "5 demos in five continents". Moreover, GPFM will make the pre-announcement for the 2023 open call supporting FP2 "Multilateral Research Programme". Thus, providing an overview on the main progress for the GPFM Flagship Projects launched at the GCEAF in Pittsburgh in September 2022. In particular, the Mission will release the "FP1 5 demos in five continents: National Pilots Report" that collects relevant information about several National Pilots that will constitute FP1 continental demo projects.  The event will also be an opportunity to present GPFM innovation strategy and the main ongoing and foreseen activities towards power systems decarbonization.
4. Target Audience	<ul style="list-style-type: none"> <li>• Heads of delegation and senior officials from CEM/MI countries</li> <li>• CEO and CTO from industrial players</li> <li>• Policy makers and business leaders</li> <li>• MI missions and CEM workstreams reps</li> </ul>
5. Intended program format	<input checked="" type="checkbox"/> <b>Panel Discussion:</b> A panel discussion is intended to include up to four speakers and one moderator at a time. Chairs will be provided to panellists and moderator, on stage or at the front of the room. Audience seating will likely be theatre-style. <input type="checkbox"/> <b>Roundtable Discussion:</b> A roundtable discussion will include up to twenty participants seated around a table. Exact table configuration (boardroom, hollow square, U) may vary and will be confirmed by host based on availability and capacity considerations. <input checked="" type="checkbox"/> <b>Workshop:</b> A workshop will include a lectern placed at the front of the room with round and/or rectangle types for pod-style audience seating throughout the room. <input type="checkbox"/> <b>Awards/Prize Giving:</b> An award session will include a lectern placed at the front of the room or on stage. Audience seating will likely be theatre-style.

*CEM14/MI-8 Side Event Expression of Interest*

# GPFM possible engagement and contribution at MI-8 in Goa (India)

- Start to identify **co-Leads** and **ExCo members** that could **participate physically** to the CEM14/MI-8 event in Goa
  - Identify **key persons** for the main **high-level announcements and contributions** and for the participation in roundtables/plenary sessions/side events
- Keynotes, Invited speakers, panelists, ...
- ...



# Agenda

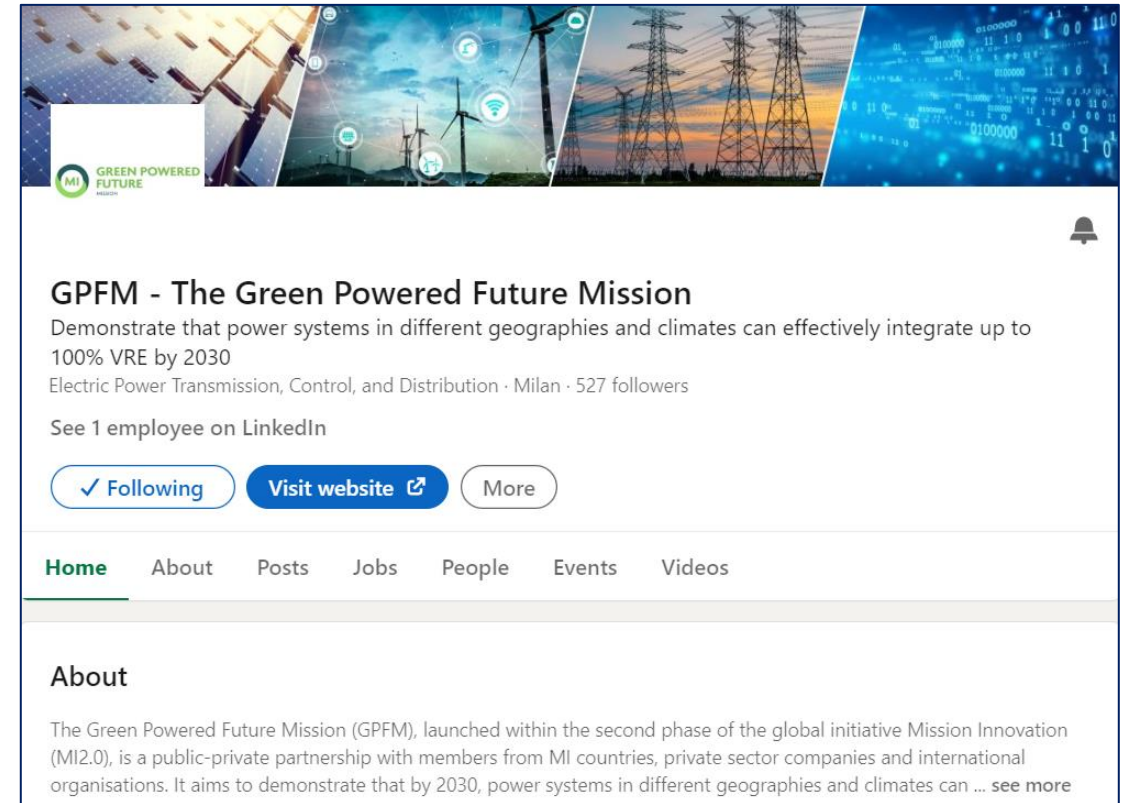
- 13:00–13:10 **Welcome and Introduction**
- 13:10–13:20 **Feedback from MI Annual Gathering**
- a. CEM–MI plenary sessions and roundtables
  - b. GPFM participation and main contribution
- 13:20–13:45 **Flagship Projects progress and the way forward**
- a. FP1: National pilots and Continental Task Forces
  - b. FP2: GPFM dedicated call module 2023
- 13:45–14:15 **GPFM deliverables for CEM14/MI–8 in Goa**
- a. GPFM National Pilots Report (ToC, graphic design, timeline)
  - b. GPFM event(s) hosted by Indian DST
- 14:15–14:25 **Communication activities**
- 14:25–14:30 **AOB**

# Main Comms activities and achievements



## GPFM LinkedIn page:

- **6-month operation**
- **Multiple posts:**
  - GPFM intro
  - Announcements (workshops, events)
  - Re-post of MI Sec comms
- At present **more than 500 followers**  
→ aim to achieve 800-1000 followers by Q4 2023

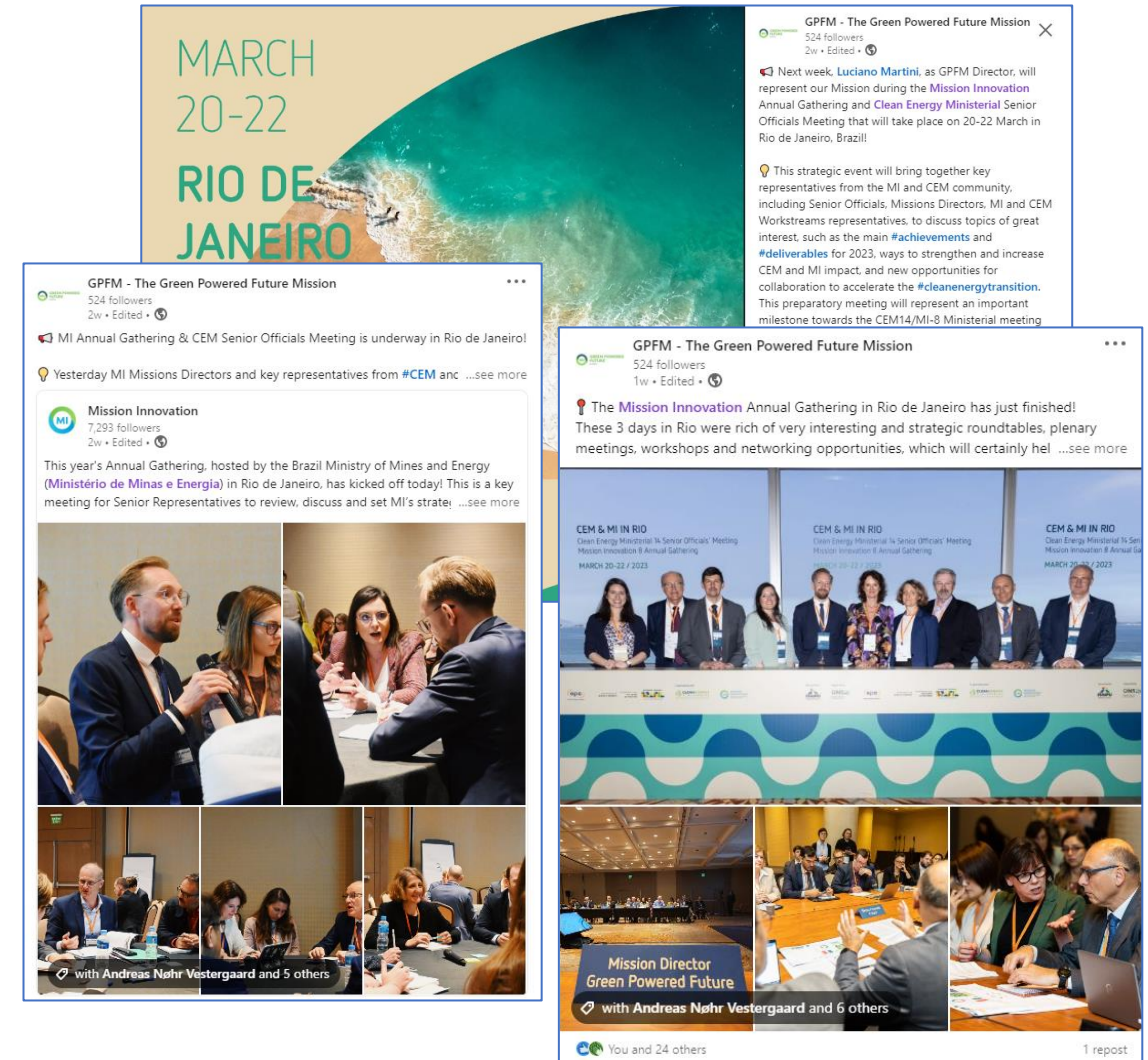


<https://www.linkedin.com/company/green-powered-future-mission/>



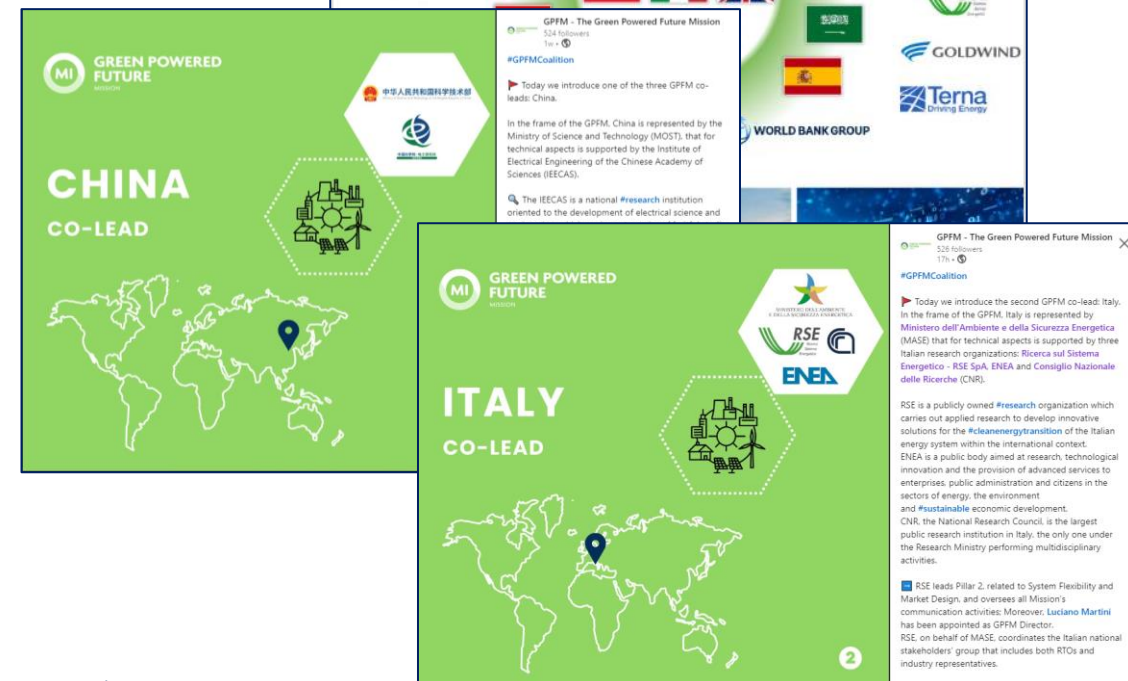
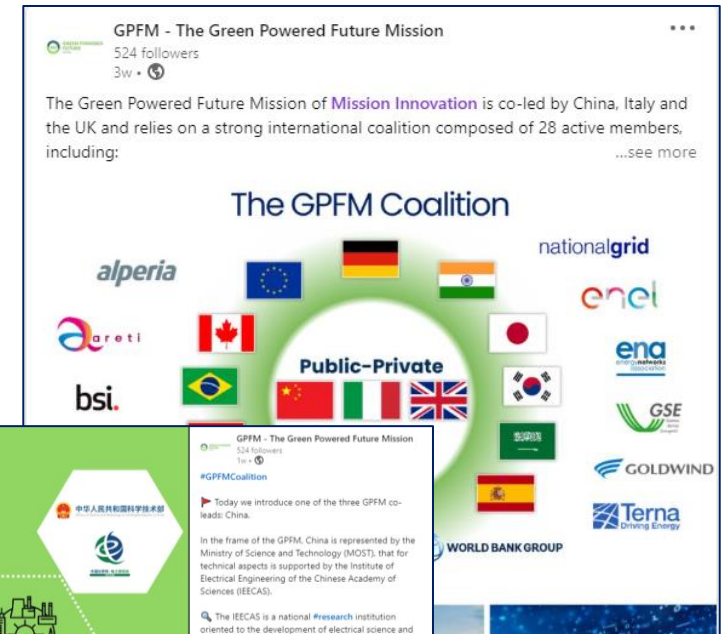
# Recent Comms activities

- Dissemination of info/results about GPFM **workshops** and **events**
- Promotion of the GPFM participation at the **MI Annual Gathering**
- Close **interaction** with **MI Sec** and **Comms Team**



# Ongoing Comms activities: GPFM Coalition & Communication Plan

- Proceed with the presentation of the **GPFM coalition** on LinkedIn through a series of dedicated posts:
  - GPFM Coalition overview
  - Co-Leads presentation
  - Core Team/Support Team presentation
- Advance with the elaboration and preparation of the **GPFM Communication Plan document**



# GPFM Communication Plan



## Draft Table of Content

- 1 Scope and purpose of the document
- 2 Green Powered Future Mission Background
- 3 Main communication goals
- 4 Topline messages
- 5 Audience
- 6 Outreach Media Channels and KPIs
- 7 Main GPFM events and activities
- 8 Graphics Tools
- 9 Drafting and approval process

4. Topline messages

also with a broad audience. Social media give people the ability to interact with content and start a conversation at any time.

To achieve this goal, the GPFM comms team launched in October 2022 the dedicated LinkedIn page: [GPFM: The Green Powered Future Mission](#). Since LinkedIn is meant to be a professional networking platform, it is necessary to optimized key messages, and identify a target audience. The Comms analysed them through the dedicated "LinkedIn Analytics Tool". The main outcomes are presented in the following graph charts:

As for the tone of voice, since the tone of LinkedIn is more formal than Twitter or other social media channels, it is necessary to create separate posts for LinkedIn that are more detailed and more professional in tone.

To reach the Comms plan goals, the Comms team has developed a content plan which includes several themes with a focus on international collaboration and technical issues, easy to read and understand.

The content plan includes:

- Updates on the GPFM activities
- GPFM participation to international fora and conferences
- Sign-ups for webinars/workshops
- Links to new documents/reports
- General info about the Coalition Members

Followers' goals:

Channel	Baseline users	July 2023 Goal	December 2023 Goal	June 2024 Goal
LinkedIn	514	1000	1500	2000
Twitter	0	200	500	800

With the baseline metrics and target increases set above, GPFM is committed to perform routine assessments every six months to determine whether or not engagement levels and followers have met these

# Agenda

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# ExCo15 meeting

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Please reply to the **doodle poll** to select the most suitable day for the next **ExCo15 Meeting**



**GREEN POWERED  
FUTURE**  
MISSION

# Thank you for your attention

## Main Contacts:

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Mattia Cabiati **Pillar 2** lead

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Sarah Butler **Pillar 3** lead

sarah.butler@beis.gov.uk

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