



13th Executive Committee (ExCo13) Meeting

7 February 2023

Green Powered Future Mission Team



- 13:00–13:10 **Welcome and Introduction**
- 13:10–13:25 **Main engagements in 2023**
- a. GPFM Membership and commitment
 - b. GPFM participation to MI Ministerial events
- 13:25–14:00 **GPFM FP1 & FP2 foreseen activities**
- a. National pilots survey
 - b. Continental Task Forces
 - c. MI-dedicated call module
- 14:00–14:15 **GPFM International Workshops**
- 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-Lead Senior Officials



ExCo13 Participants

MI Countries				MI Countries				Private sector				International organisations			
Co-Leads	Name	Member	Org./Country	Core Members	Name	Member	Org./Country	Core Members	Name	Member	Org./Country	Support M. Core Members	Name	Member	Org.
	Jian Sun	China	MOST		Peta Olesen	Australia	DISER		Paolo Vanoni	Alperia	Italy		Francisco Boshell	IRENA	IRENA
		UK	BEIS		Niall Jacobsen	Australia	DISER		Ivano Fadanelli	Alperia	Italy		Arina Anisie	IRENA	IRENA
	Stefano Raimondi	Italy	MASE		John K. Ward	Australia	CSIRO		Annalisa Andaloro	Alperia	Italy		Martina Lyons	IRENA	IRENA
	Jiayu You	China	MOST		JBV Reddy	India	DST		Ercole De Luca	Areti	Italy		Mirlan Aldayarov	World Bank	WB
	Yibo Wang	China	IEE CAS		N.P. Padhy	India	IITR		Massimo Bonato	Areti	Italy		Vida Rozite	IEA	IEA
	Jia Zhang	China	IEE CAS		Rohit Bhakar	India	IITR		Viviana Vitto	Enel GI&N	Italy		Pauline Henriot	IEA	IEA
	Ran Bi	China	IEE CAS		Arpit Kumar	India	IITR		Serena Cianotti	Enel GI&N	Italy		Emi Bertoli	IEA	IEA
	Ting Li	China	IEE CAS		Hisham Alhassnan	S. Arabia	Min. of Energy		Zhigang Cao	Goldwind	China		Ghislaine Kieffer	IEA	IEA
	Sarah Butler	UK	BEIS		Abdullah Almehezia	S. Arabia	KACST		Endi Zhai	Goldwind	China		Irmgard Herold	MI Secretariat	
	Marcello Capra	Italy	MASE		Cristina Trueba	Spain	MCIN		Jiayuan Yang	Goldwind	China	Tom Rollason	Private Sector Engagement		
	Teo Martin	Italy	MASE		Oscar Izquierdo Monge	Spain	CIEMAT		Dongya Wang	Goldwind	China				
	Francesco Luca Basile	Italy	Uni. BO		M.Jesús Miguel Pérez	Spain	MCIN		Shi Yiping	Goldwind	China				
	Eleonora Sanseverino	Italy	Uni. PA		Eva María González	Spain	MCIN		Gavin Starks	Icebreaker One	UK				
	Luciano Martini	Italy	RSE		Sabine Mitter	Austria	BMK		Zhenguo Li	longi	China				
	Mattia Cabiati	Italy	RSE		Helfried Brunner	Austria	AIT		Yaohua Shang	longi	China				
	Viktoriia Fedorova	Italy	RSE	Gustavo Ponte	Brazil	EPE	Jason Zhao	longi	China						
	Gloria Scalco	Italy	RSE	Michele Souza	Brazil	EPE	Si Wang	longi	China						
	Rachele Nocera	Italy	MUR	Alexandre Prieur	Canada	NRCAN	Amir Alikhanzadeh	National Grid	UK						
	Francesco Sergi	Italy	CNR	Patrick McCauley	Canada	NRCAN	Taren Dhoot	National Grid	UK						
	Ilaria Bencini	Italy	CNR	Josef Ayoub	Canada	NRCAN	Louise Clark-White	National Grid	UK						
	Monica Fabrizio	Italy	CNR	Maria Getsiou	EU	EC	Sebastiaan Van Dort	BSI Group	UK						
	Giorgio Graditi	Italy	ENEA	Peter Horvath	EU	EC	Dan Clarke	ENA	UK						
	Maria Valenti	Italy	ENEA	Mario Dionisio	EU	EC	Farina Farrier	ENA	UK						
				Ralf Eickhoff	Germany	Fz Juelich	Alberto Biancardi	GSE	Italy						
				Yuko Kono	Japan	METI	Alberto Jr Pela	GSE	Italy						
			Masashi Shiraishi	Japan	METI	Luca Marchisio	TERNA	Italy							
			Koreeda Kenichiro	Japan	METI	Luca Orrù	TERNA	Italy							
			Jun Hashimoto	Japan	AIST										
			Maruta Akiteru	Japan	Technova										
			TBC	Netherlands	-										
			Sujeong Lee	R. of Korea	MOTIE										

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Upcoming events & Timeline



January–March main events:

- 19 January MI Missions working group call
- 7 February **ExCo13 meeting**
- 15–16 Feb. GPFM **International Workshop** by METI, Japan (online)
- 21 February Italian **National Stakeholders Meeting**, Rome
- 7–8 March GPFM **International Workshop** by MASE, Italy (online)
- 20–22 March **MI Annual Gathering**, Rio de Janeiro, Brazil

Continuous engagements:

- **Co-Leads** weekly calls
- Co-Leads Senior Officials calls
- Coordination meetings with **ISGAN**
- Coordination meetings with **Urban Transitions Mission** and **CETPartnership**
- Meetings to support **GPFM members**

GPFM Membership and Commitment



New potential member(s) expressed an interest to join **Mission Innovation**:

- In a specific case a potential new **MI member** already identified the **GPFM** as one of the two Missions to join (being CHM the other)
- Next steps → short **introductory call** and then – if there are no major objections by the ExCo and based on the successful approach used to incorporate Spain – our proposal is to invite member representative(s) to participate **as Observer** to the next ExCo14.



GPFM Coalition: to develop a simple procedure to incorporate **new members** and to deal with **not active members**:

- Provide new potential members with a **Questionnaire** including a set of basic questions on their power system decarbonization goals and on possible **contribution to the different GPFM Pillars** (if not a MI country member yet)
- Additional inputs on approach and approval procedure for new members (by countries, Int. organizations and private sector)
- Coalition members commitment is key to achieve the Mission's ambitious goal – lack of resources or interest could lead to a temporary inactive status

MI Missions upcoming commitments

2. Key Milestones for 2023

*Info by MI Sec at the
Missions **Working Group Call**
on 19 January 2023*

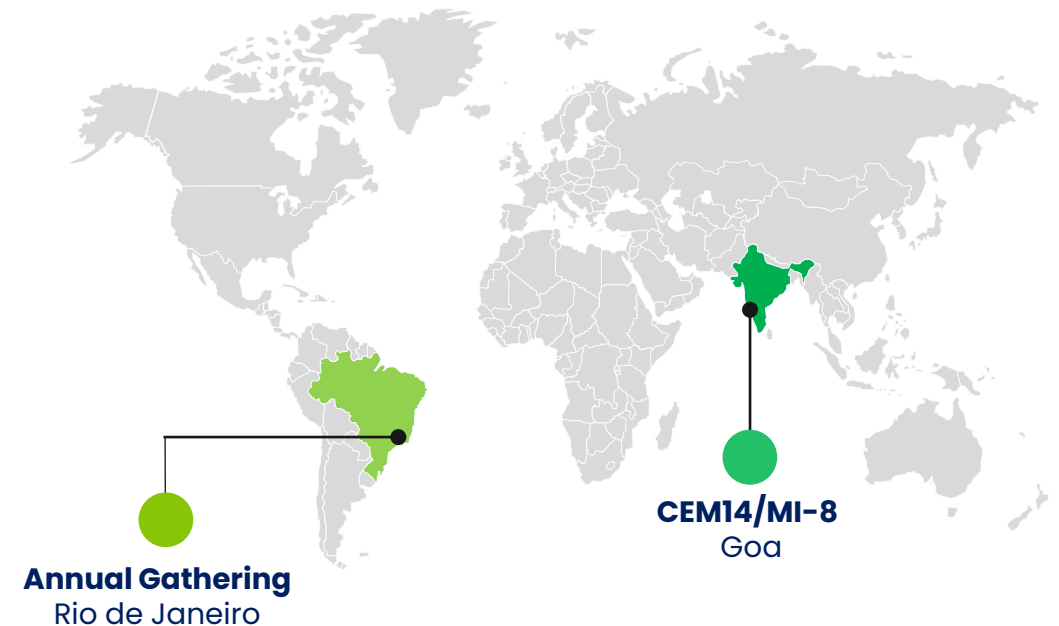
- MI Annual Gathering
 - **March 20–23, 2023** in Rio, Brazil.
 - Opportunity: (a) report on progress; (b) network; (c) share best practices
- 8th Mission Innovation Ministerial / 14th Clean Energy Ministerial
 - **July 21, 2023** in Goa, India
 - Potential Opportunity: Minister-level announcements and/or report on progress.
- Technical Advisory Group (TAG) review of Missions
 - Between **September – December 2023** (on staggered basis)
 - Independent review of Mission activities, with a view to maximizing Mission impact.
- COP28
 - **November 2023** in UAE

GPFM Participation to MI Ministerial events

- **Annual Gathering: 20–22 March 2023, Rio de Janeiro, Brazil**
 - Availability to contribute to open discussion and strategic sessions (overlapping with **ISGAN** ExCo meeting)

Open for comments/inputs:

- **CEM14/MI-8: 21 July 2023, Goa, India**
 - Opportunity to organize a dedicated **GPFM Side event** alongside CEM14/MI-8 as hosted by **DST, India**, proposal:
 - 19 July – closed door meeting
 - 20 July – 1 full day event including Ministerial session
 - 21–22 July – technical visits (optional)



Save
the
Date

- To showcase GPFM work, activities, and future roadmap
- To reach out large stakeholders from industries, academia, and new startups working for the clean energy transition into the mission
- To highlight Indian contribution to IC1 and GPFM Flagship Projects 1 and 2

Closed-Door Meeting

19th July 2023

**Green Powered Future Mission
Deep-Dive workshop**

20th July 2023

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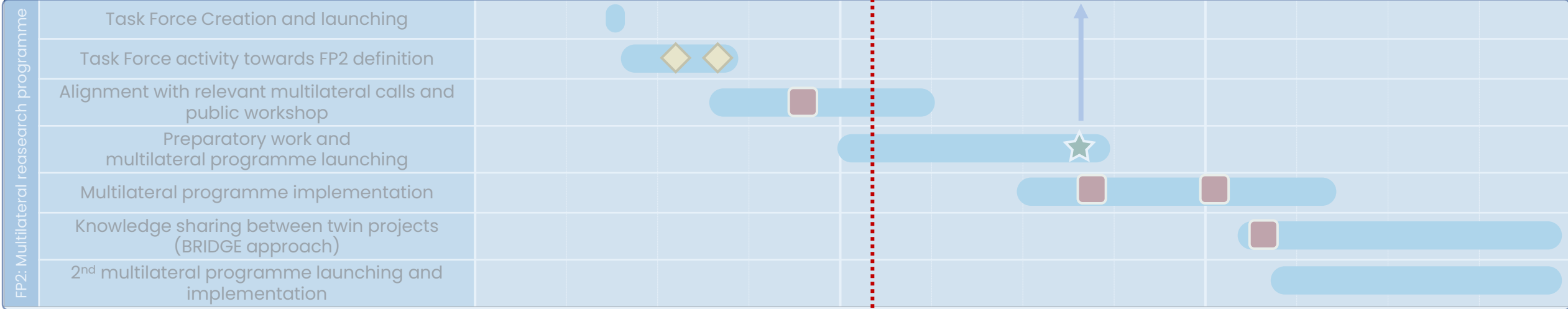
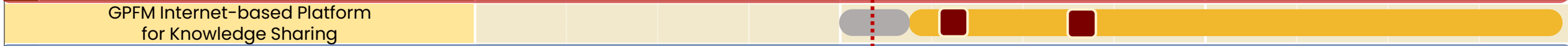
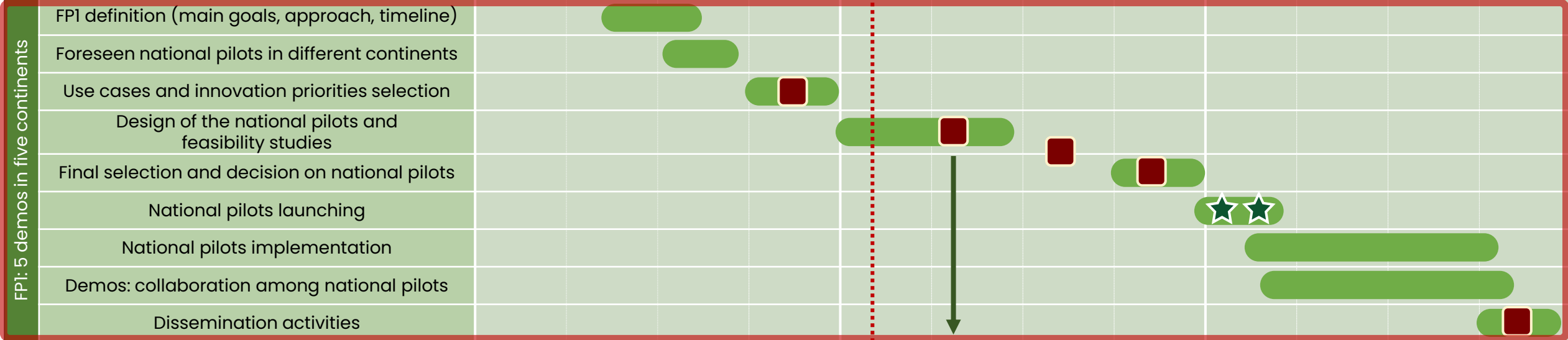
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FPs Milestones: 2022-2024

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

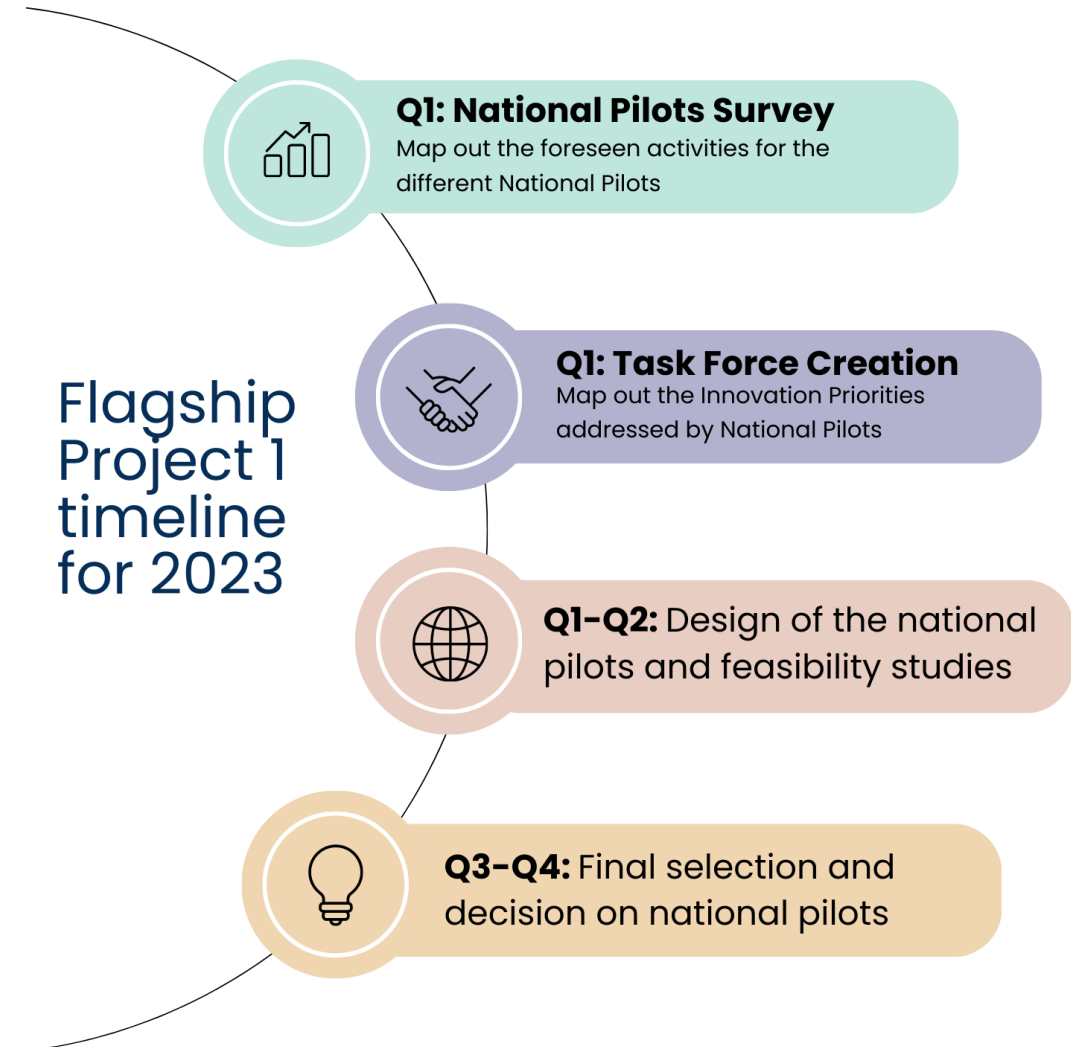
★ Annual Gathering New Delhi (Q2 2022)
★ CEM13/MI-7 Pittsburgh (Q3 2022)
★ Annual Gathering Rio de Janeiro (Q1 2023)
★ CEM14/MI-8 Goa (Q3 2023)
★ CEM15/MI-9 Brazil (Q3 2024)



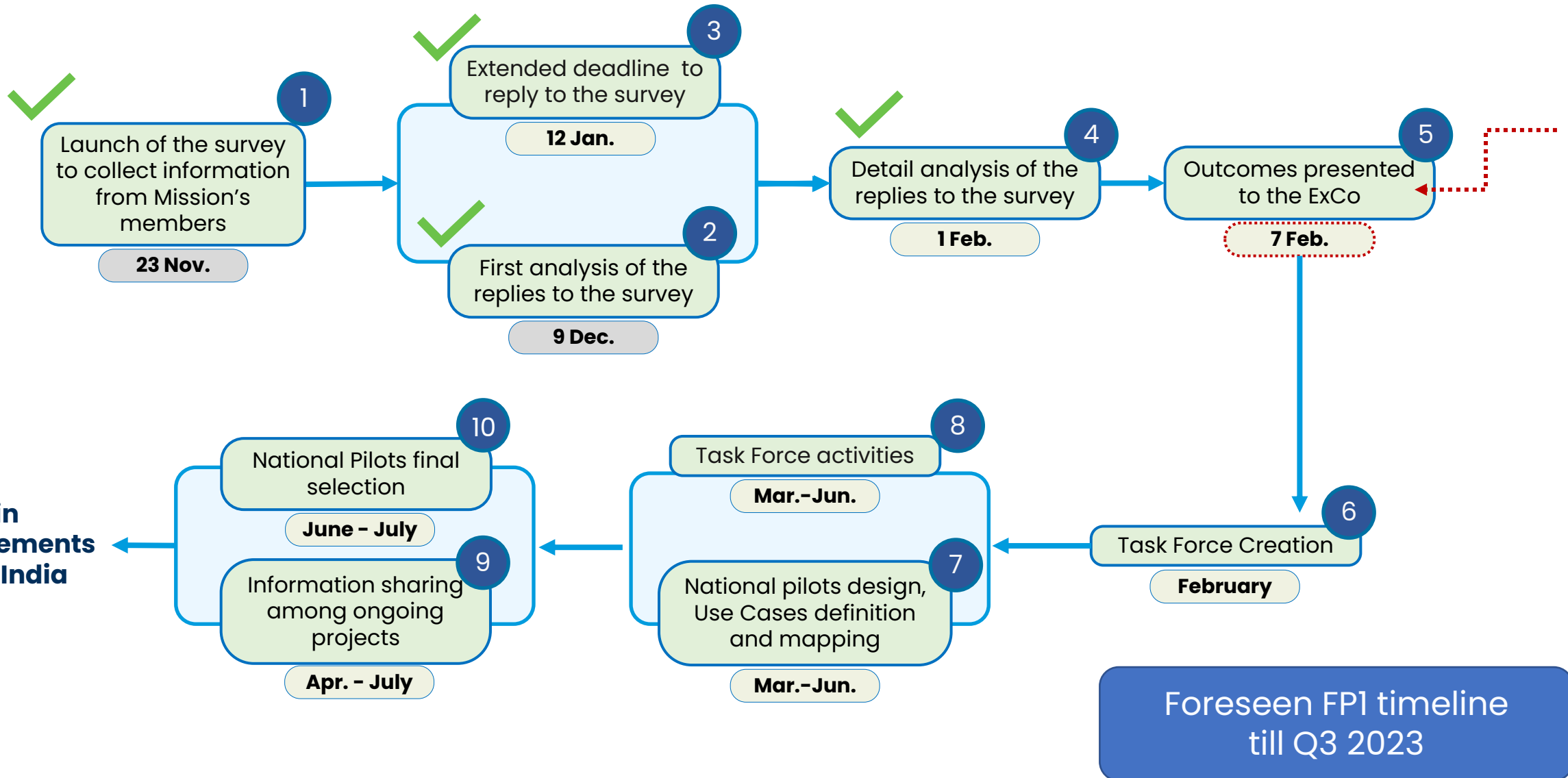
Legend: ★ CEM/MI event ◆ Consensus meeting ■ Periodic events ★ Launching activities

Flagship Project 1: 5 demos in five continents timeline for 2023

- **National Pilots Survey** with information on National Projects launched after Q1 2021 or foreseen to be launched before Q4 2024
- Creation of the **Continental Task Forces**:
 - to map out the specific Innovation Priorities covered by each National Pilot
 - to monitor progress and foster the sharing of approach and main results
- Design of the National Pilots and **feasibility studies**
- Final selection and decision on National Pilots



Proposed timeline for FPI activities



Received contributions from GPFM members

Information as collected by the dedicated national pilots survey

Thank you for your valuable contribution!

63 Pilot projects, **44** of which are ongoing and (fully) aligned with the GPFM goals and activities

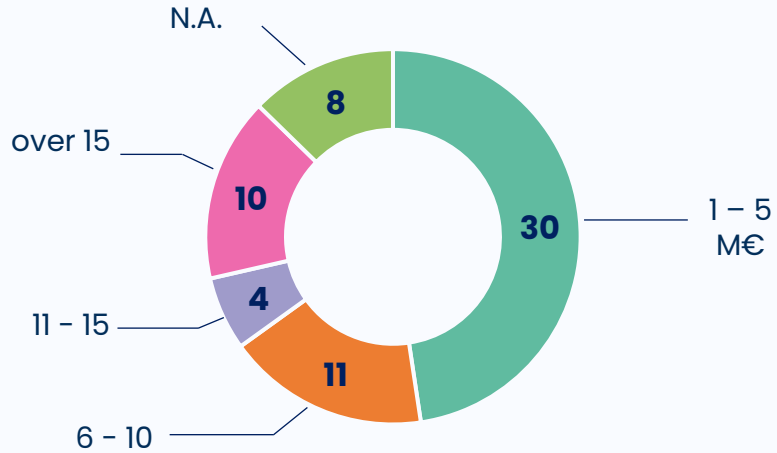
VS

20+ estimated in the Action Plan 2022-2024

GPFM coalition member	Contribution to the FP1	Numbers of projects
China		1
Italy		8
UK		1
Australia		1
India		2
Saudi Arabia		-
Spain		23
IRENA		-
World Bank		-
Alperia		1
Areti		2
Enel		5
Goldwind		1*
Icebreaker One		1*
Longi		1*
National Grid		8
Austria		
Brazil		1
Canada		3
EU		-
Germany		
Japan		1
The Netherlands		-
Republic of Korea		
IEA		-
BSI Group		
ENA		
GSE		1*
Terna		5

National Pilots survey in figures

Project budget (in M€)

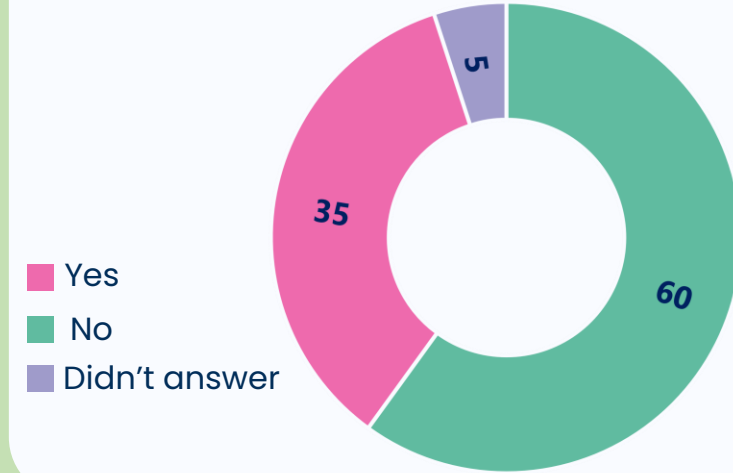


63 projects submitted

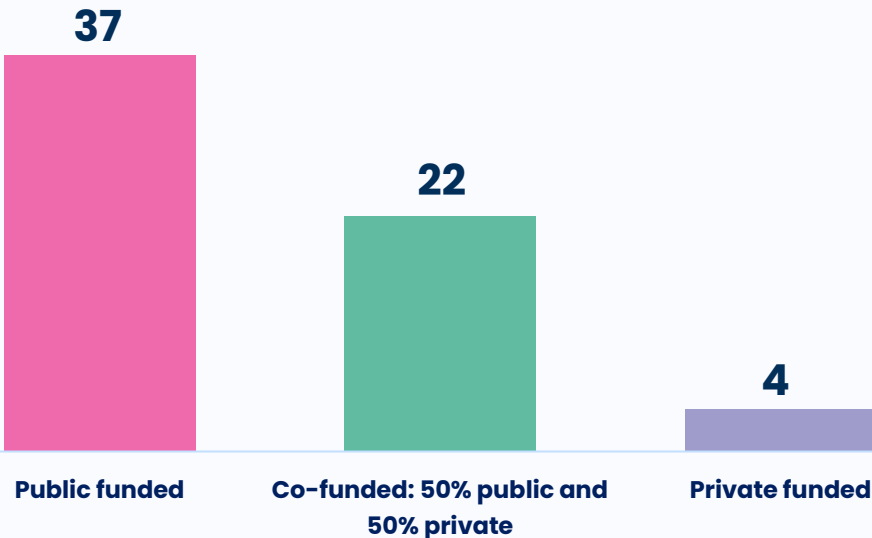
44 ongoing

19 new

International Cooperation (%)



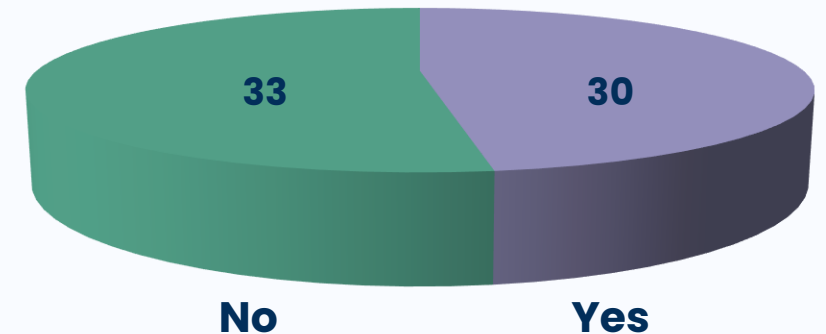
Funding Scheme



48 IPs out of 50 covered

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

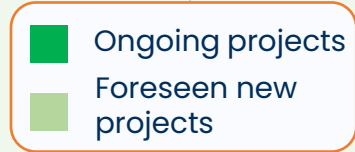
Info publicly available on Internet



Survey initial outcomes: **overview**

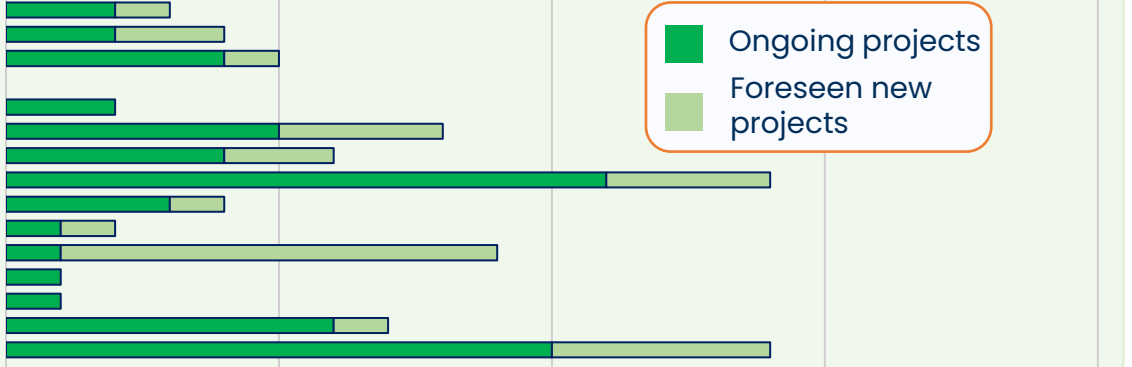
Number of IPs selected by the projects

0 5 10 15 20



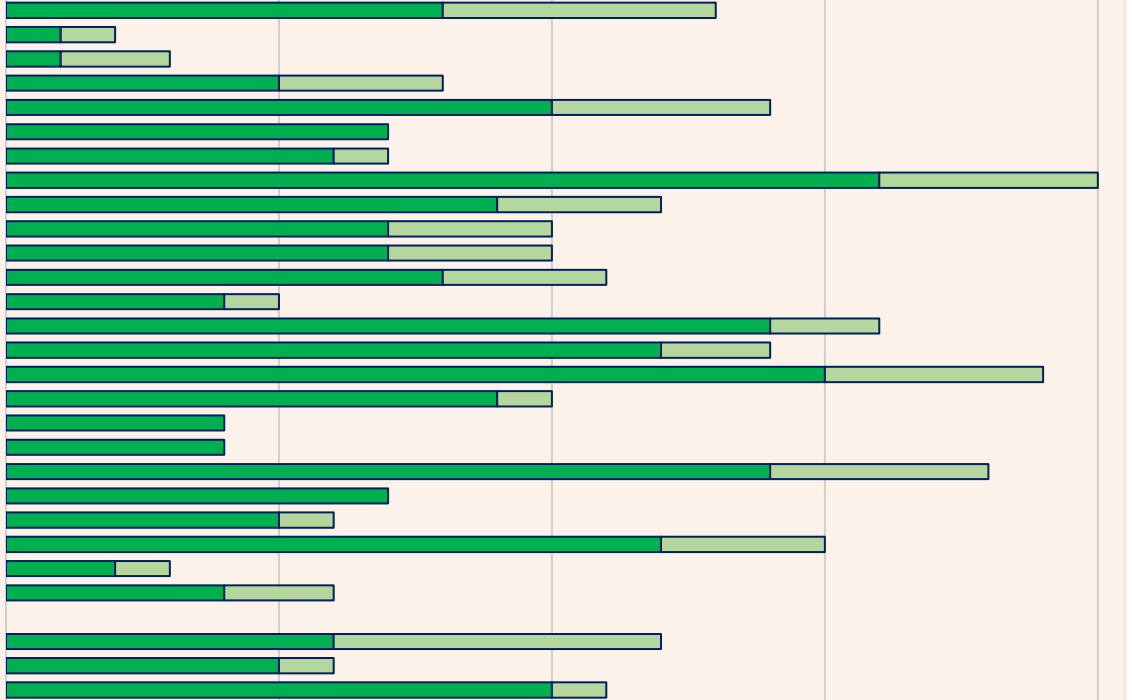
Pillar 1

- 1.1.1 High efficiency PV cells and modules
- 1.1.3 Reliability evaluation of PV modules and systems
- 1.1.5 Software and database for PV systems
- 1.1.6 Recycling and eco-design of PV cells and modules
- 1.1.7 Agri-PV technologies
- 1.2.2 Floating offshore wind turbines
- 1.3.2 Large-scale IRE generation for improving system reliability and stability
- 1.3.3 Distributed IRE generation at grid edge
- 1.5.1 Analysis of batteries life cycle and monitor, test and recycle of batteries
- 1.5.2 Recycling and reuse batteries design
- 1.5.3 Innovation in energy storage technologies
- 1.5.4 Driving cost-reduction across the battery supply chain
- 1.5.6 Safety assessment of electrochemical storage
- 1.6.1 Grid-forming devices applied to solar PV and wind
- 1.6.2 Grid-supporting technologies from inverter-based resources



Pillar 2

- 2.1.1 VRE flexibility provision and contribution to generation capacity
- 2.1.2 Further exploitation of hydropower and pumped hydro flexibility
- 2.2.1 Innovative components and dynamic line rating
- 2.2.4 Enhanced control rooms and automated decision systems
- 2.3.1 System stability assessment considering high VRE penetration
- 2.3.2 Enhanced TSO-DSO coordination platform for flexibility markets optimisation
- 2.3.3 Innovative frequency and nonfrequency ancillary services specifications
- 2.3.4 Tools and solutions for DSO flexibility management
- 2.3.5 DSOs and TSOs enhanced grid and DER observability
- 2.4.1 Need and requirements assessment for storage systems new services
- 2.4.3 Utility scale storage systems for innovative flexibility services
- 2.4.4 Assessment of energy management for multi-service energy storage systems
- 2.4.6 Identification of main barriers hindering storage systems mass deployment
- 2.5.1 Methods to estimate the available actual demand-side flexibility
- 2.5.2 Unlocking commercial and residential buildings flexibility potential
- 2.5.4 Demand response, EV services and grid impact assessment
- 2.5.5 Tools for optimal smart charging and V2G management
- 2.5.6 Impact assessment of flexibility services on EV batteries
- 2.6.1 Integrated transmission and distribution planning tool
- 2.6.3 New planning strategies and methods for flexibility solutions and system services
- 2.6.5 EV charging infrastructure planning and deployment
- 2.7.1 Flexibility markets for innovative ancillary services byVRE and storage
- 2.7.4 Business models and regulatory framework for flexible resources
- 2.7.5 Market access rules, grid tariffs and price schemes to exploit EV flexibility
- 2.7.7 Regulatory solutions to foster flexibility provision from end-uses
- 2.7.8 Output-based regulation to incentivize grid flexibility exploitation
- 2.7.II Social acceptance of innovative technologies and required behavioral change
- 2.8.1 Sector Coupling flexibility assessment
- 2.8.2 Optimal planning and operation of integrated energy systems



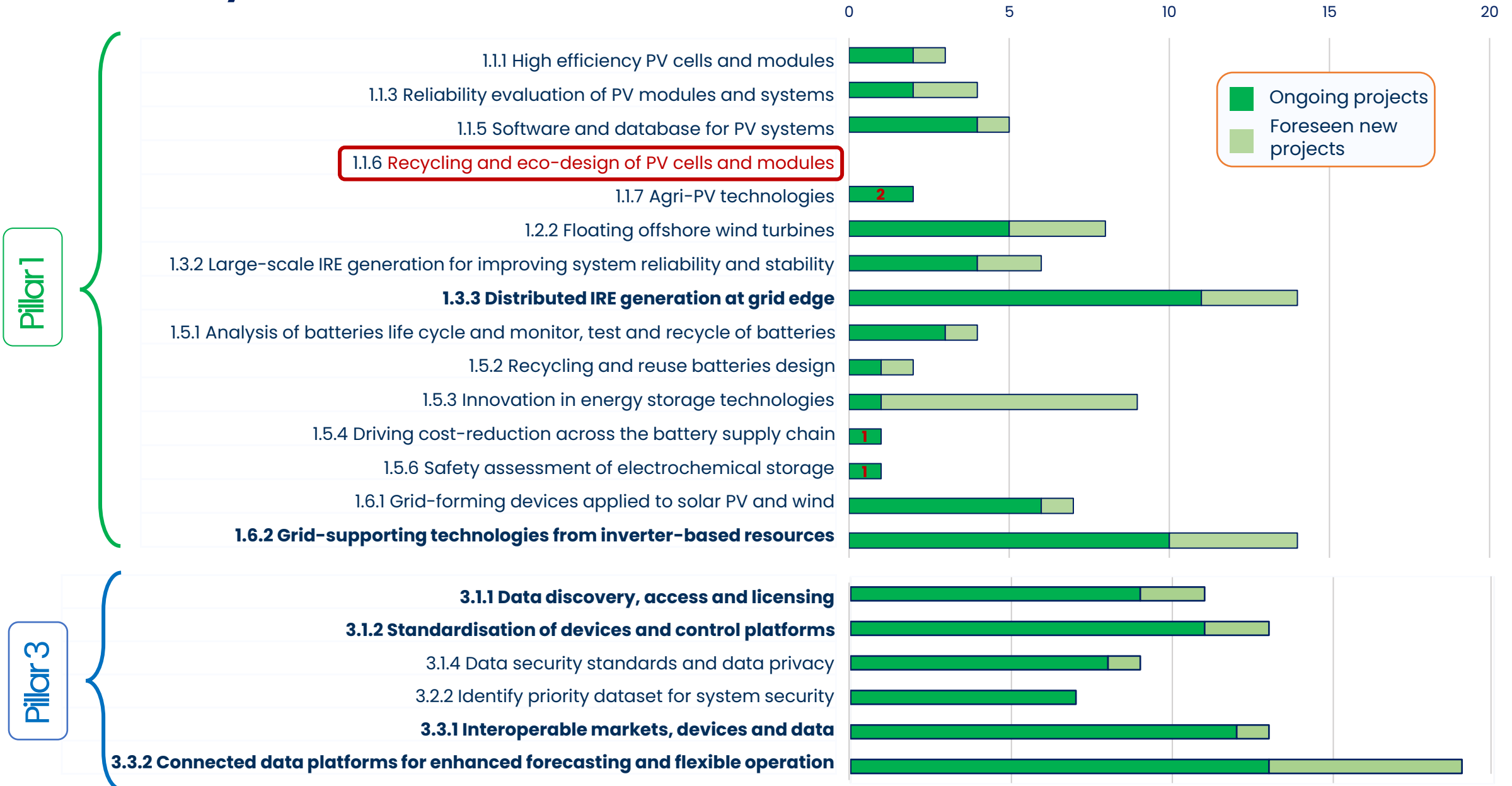
Pillar 3

- 3.1.1 Data discovery, access and licensing
- 3.1.2 Standardisation of devices and control platforms
- 3.1.4 Data security standards and data privacy
- 3.2.2 Identify priority dataset for system security
- 3.3.1 Interoperable markets, devices and data
- 3.3.2 Connected data platforms for enhanced forecasting and flexible operation

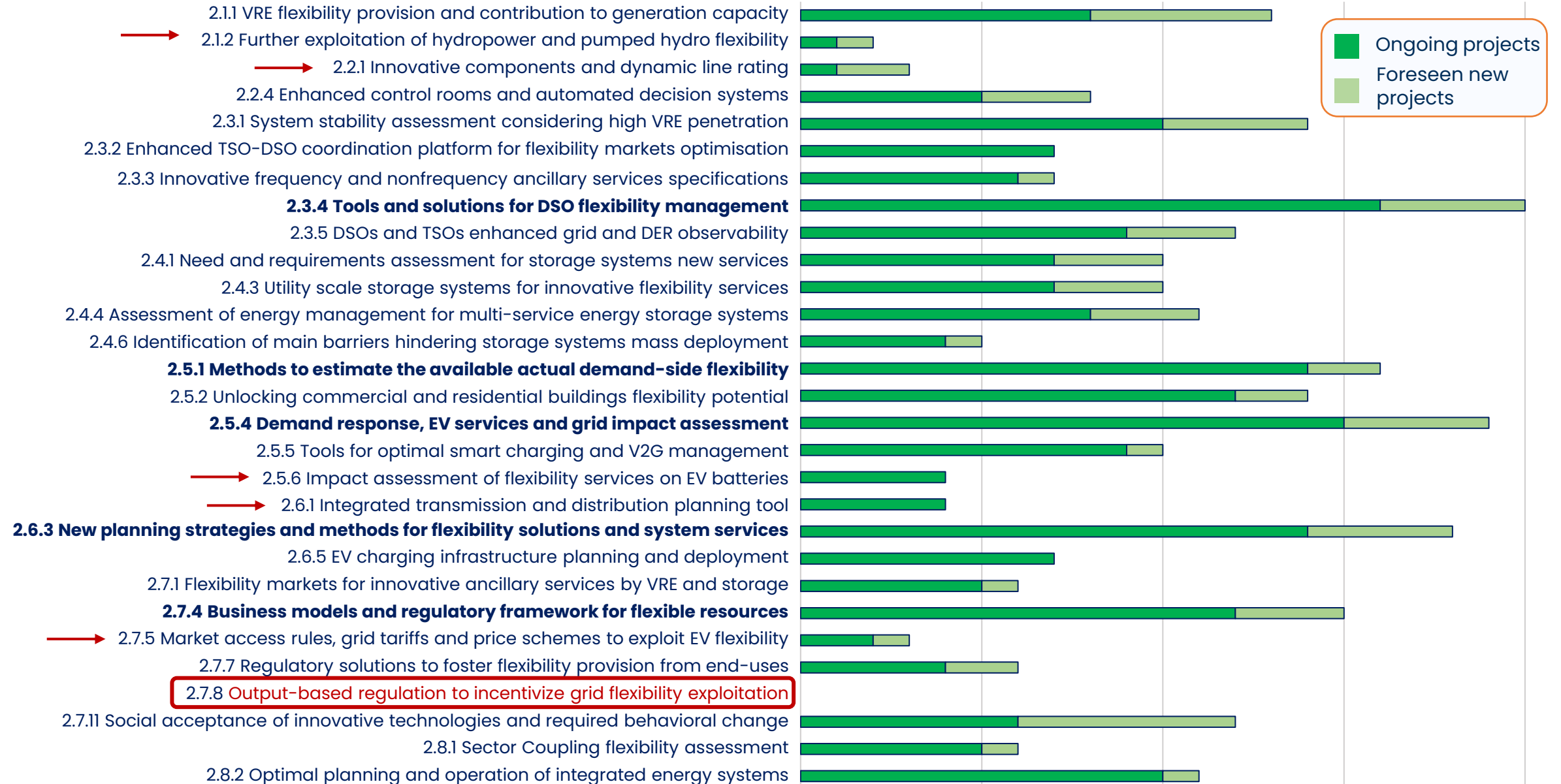


Survey initial outcomes on the 50 Innovation Priorities addressed by FPI National Pilots

Survey outcomes: Pillar 1 & Pillar 3



Survey outcomes: Pillar 2



FPI Continental Task Forces

- **3–5 Continental Task Forces** to map out the specific Innovation Priorities addressed by each individual National Pilot
- Each Task Force will:
 - **monitor progress** and foster the **sharing of results**
 - engage the **national pilot coordinators** and the main **public and private partners** involved
 - nominate a **lead member** and an alternate member that will be responsible to provide **periodic updates**



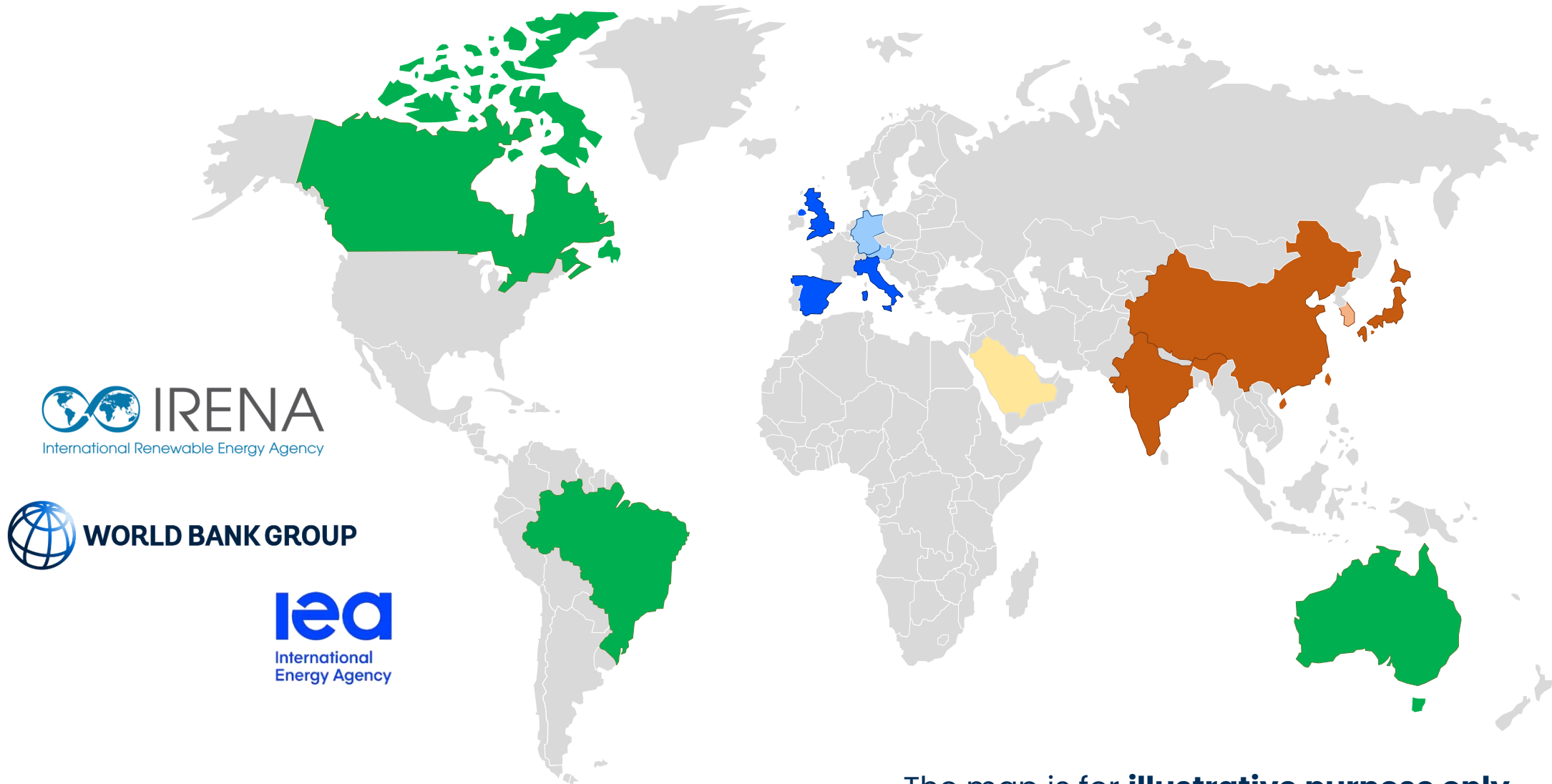
Presented at ExCo12

Expectation of the Continental Task Forces and Task Force Leads

Proposed approach & setting:

- Task Forces Plenary Meeting **every quarter** (once every 3 months)
- Task Force Lead and co-Lead (to be selected on a volunteering basis):
 - to **set up** and **lead** meetings
 - to **gather updates** from Task Force members **on the progress of national pilots**
 - to enable the **sharing of the learning** between national pilots
- Task Force Leads present updates on their Task Force to the GPFM ExCo at **least every quarter**, following the Task Force meetings
- AOB

Example of 5 demos in five continents



 **IRENA**
International Renewable Energy Agency

 **WORLD BANK GROUP**

 **iea**
International Energy Agency

The map is for **illustrative purpose only**

Proposed approach to the set up of 3 Continental Task Forces

- Nomination of a Task Force Lead and Alternate/co-Lead for each continent – **all members are welcome to volunteer to be a Task Force Lead/co-Lead**
- Provision of results of the national pilot survey to the Task Force Leads and the contact details of all members relevant to each Task Force
- Set up of **regular meetings** by the Task Force Lead
- Agreement of a **format of slides** for Task Force Leads to present on the progress of the demos at ExCo's
- **Information Periodical update** to be uploaded on the dedicated space on the **Internet-based Platform** (GPFM members-only area)

FPI Task Forces: Open discussion

- Timeline, organization issues, milestones, etc.
- Continental Task Force volunteering Leads/co-Leads:
 - ...
- Contributing members: ...
 - ...
- Additional inputs

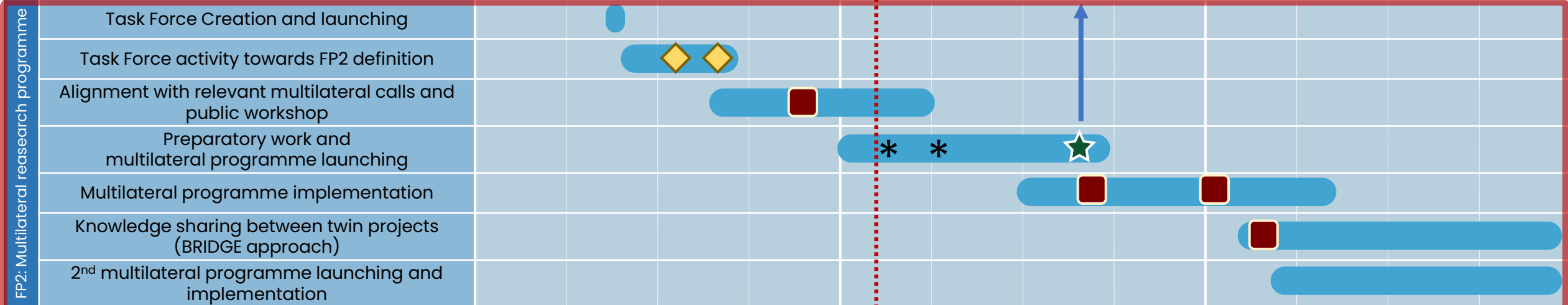
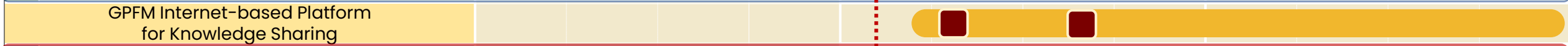
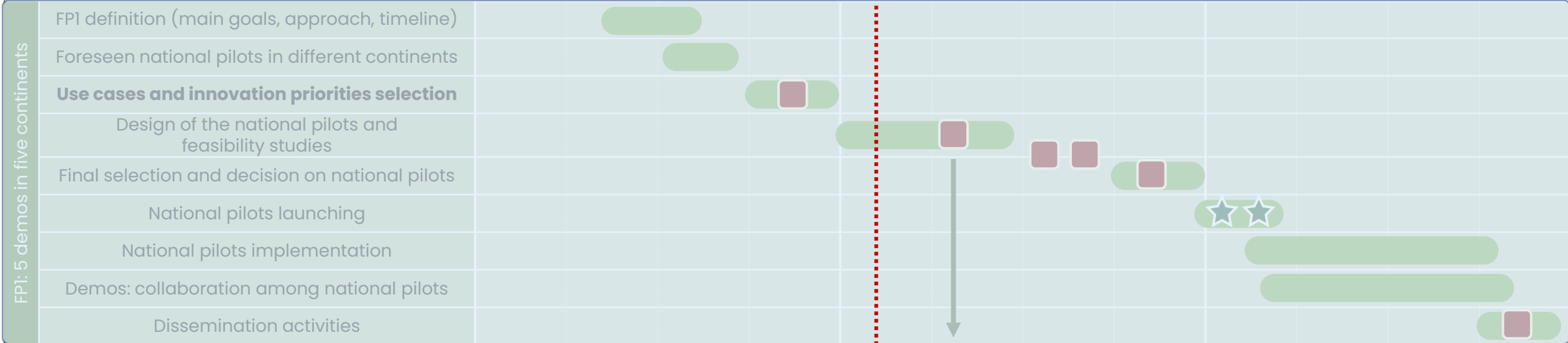


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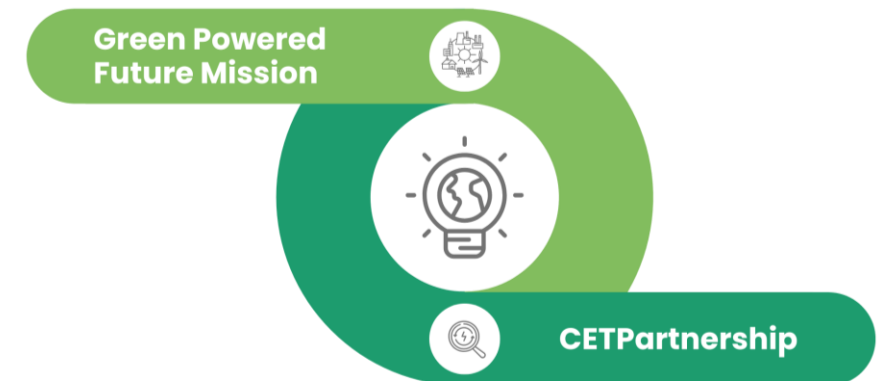
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Flagship Project 2: Multilateral Research Programme: timeline for 2023



Development of the **MI GPFM dedicated Call Module(s)** fully coordinated with the CETPartnership to support a subset of the 20 IPs identified by the FP2 Task Force and reported in the Action Plan 2022–2024:

- **Drafting of the FP2 call module(s) Scoping Paper** (by 15 February 2023)
- **Info call** to clarify participation rules of GPFM countries and funding agencies
- **Draft text for the FP2 dedicated call module(s)** (by April 2023) to be then pre-announced (by July 2023)
- **Call open** by September 2023



CETPartnership

Basic CETP rules to be considered and then adapted to MI GPFM FP2 needs

Project requirements



Eligibility criteria:

- ✓ each project proposal must include **at least three independent legal entities from at least three different countries** participating in the CETPartnership Joint Call 2022, out of which at least two must be EU Member States or Horizon Europe Associated Countries
- ✓ applicants must be eligible for funding according to their Funding Partner's national/regional requirements



The **consortia** shall include:

- ✓ wide geographic spectrum
- ✓ public research organizations, universities and higher education institutions
- ✓ "need-owner(s)" and relevant stakeholders (e.g. energy supply companies, DSOs, TSOs, system integrators, ICT companies, local/regional authorities, equipment and solutions providers, industrial companies, etc.)
- ✓ total effort of one Partner cannot exceed 60% of the total project efforts (person months)
- ✓ total effort of Partners from one country/region cannot exceed 75% of the total project efforts (person months)
- ✓ one Project Coordinator, while other members are called Partners
 - ✓ Partners eligible for direct funding by the Funding Partners participating in the CETPartnership Joint Call 2022
 - ✓ fully self-financed Partners from any country/region who brings their own secured budget – the self-financed Partner cannot be the Project Coordinator and does not count to fulfil the transnationality criteria

Read carefully the Call Text for complete information (look for Call Module and Funding Partner specific requirements)

CETPartnership

Basic CETP rules to be considered and then adapted to MI GPFM FP2 needs

Project requirements



Project duration:

- ✓ projects are required to start before 15 December 2023
- ✓ the maximum project duration must not exceed 36 months
- ✓ national/regional limits regarding the duration of projects may apply



Cross-cutting dimensions, e.g fostering:

- ✓ transition and innovation ecosystems
- ✓ fair, just and democratic transition
- ✓ resource efficiency and circularity principles
- ✓ Gender Equality Plan at organizational level (not applied to the business sector, special interest organizations or the non-profit sector)
- ✓ open access as part of proposals' methodology

Read carefully the Call Text for complete information (look for Call Module and Funding Partner specific requirements)

CETPartnership

Basic CETP rules to be considered and then adapted to MI GPFM FP2 needs

Evaluation criteria



Excellence (Score 0-5):

- ✓ clarity and pertinence of the project's objectives and the extent to which the proposed work has an appropriate level of ambition for its TRL level, and goes beyond the state-of-the-art
- ✓ soundness of the proposed methodology, including the underlying concepts, models, assumptions, interdisciplinary approaches



Impact (Score 0-5):

- ✓ scale and significance of the outcomes and impacts and the credibility of the pathways to achieve them
- ✓ suitability and quality of the measures to maximize expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities and the added value of the transnational collaboration
- ✓ appropriate involvement of end-users, need-owners and/or the private sector



Quality and efficiency of the implementation (Score 0-5):

- ✓ quality, effectiveness and appropriateness of work plan, risk assessment, work package efforts and overall resources
- ✓ capacity and role of each participant, and extent to which the consortium brings together the necessary expertise

Read carefully the Call Text for complete information (look for Call Module and Funding Partner specific requirements)

Flagship Project 2: Multilateral Research Programme: Open discussion



- Country/government commitment
- Funding agencies: approach and organizational issues
- Participation of the private sector companies
- Possibility to organize a dedicated meeting between **CETP Coordinators** and **GPFM members** and/or possibility to invite CETP representatives to the next ExCo14

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- 14:25–14:30 **AOB**

GPFM engagements in 2023: International Workshops

- Several **GPFM International Workshops** are under preparation:
 - Q1 2023 – a 2-day Workshop on *Novel Photovoltaics* hosted by METI, Japan
 - Q1 2023 – Online *GPFM* International Workshop hosted by MASE/RSE, Italy
- Plan to organize other 4-5 Int. Workshops in **Q2-Q4 2023**:
 - Q2 2023 – Workshop organized by MASE, Italy
 - Q3 2023 – Side Event hosted by Indian DST (19 July 2023)



Mission Innovation Green Powered Future Mission Workshop

Novel Photovoltaic: Policy and Technology

Date: February 15 (Wed) – 16 (Thu), 2023

Time: 7:00-9:00 US (EST)
12:00-14:00 UK
13:00-15:00 Europe (CET)
17:30-19:30 India
20:00-22:00 China
21:00-23:00 Japan
23:00-25:00 Australia (AEDT)

Language: English (with Japanese translation)

Platform: WebEx

Host: Ministry of Economy, Trade and Industry (METI), Japan



International Online Workshop by METI, Preliminary Program (time: CET) Day 1



13:00–13:05 **Host's Welcome**

Masaomi KOYAMA

Mission Innovation Steering Committee Member
Director, International Affairs Office, Industrial Science
and Technology Policy and Environmental Bureau,
Ministry of Economy, Trade and Industry (Japan)

13:05–13:15 **Opening statement**

Luciano MARTINI

Director, MI Green Powered Future Mission
Director, Transmission and Distribution Technology
Department, Ricerca sul Sistema Energetico (RSE) (Italy)

13:15–13:20 **Meeting protocol**

13:20–13:50 **Global View**

International Energy Agency (IEA)

Heymi BAHAR

Senior analyst - Renewable Energy Markets and Policy

International Renewable Energy Agency (IRENA)

Pablo RALON

Programme Officer–Renewable Energy Cost Status and
Outlook

13:50–14:50 **Country Perspectives on Novel Photovoltaic**

Italy

Matteo GIANNI

Energy Analyst, Energy Studies and National Energy and
Climate Plan Monitoring, Gestore dei Servizi Energetici –
GSE S.p.A.

Australia

Gregory WILSON/Noel DUFFY

Commonwealth Scientific and Industrial Research
Organisation (CSIRO)

China

Yibo WANG

Pillar 1 Lead, MI Green Powered Future Mission
Director Researcher, Institute of Electrical Engineering
(IEE), Chinese academy of sciences (CAS)

Japan

Takurou N. MURAKAMI

Team Leader, Organic-inorganic Hybrid PV Team,
Global Zero Emission Research Center (GZR)
National Institute of Advanced Industrial Science and
Technology (AIST)

14:50–15:00 **Day 1 – Summing Up**

International Online Workshop by METI, Preliminary Program (time: CET) Day 2



13:00–13:05 Meeting protocol

13:05–14:20 Novel Photovoltaic

Perovskite Solar Cell (PSC)

Tetsuhiko MIYADERA

Deputy Director, International Affairs Office, Industrial Science and Technology Policy and Environmental Bureau, METI (Japan)
Senior Researcher, Global Zero Emission Research Center (GZR), National Institute of Advanced Industrial Science and Technology (AIST) (Japan)

Gregory WILSON/Noel DUFFY

Commonwealth Scientific and Industrial Research Organisation (CSIRO) (Australia)

Tandem Solar Cells

Juliane BORCHERT

Head of Group, "Novel Solar Cell Concepts" Fraunhofer Institute for Solar Energy Systems (Germany)
Head of Junior Research Group, "Optoelectronic Thin Film Materials" University of Freiburg (Germany)

Dye-sensitized Solar Cell (DSSC)

Nicola SANGIORGI

Energy and Mechatronics, ISMMC-CNR (Italy)

Organic Photovoltaics (OPV)

Itaru OSAKA

Professor, Graduate School of Advanced Science and Engineering, Hiroshima University (Japan)

14:20–15:05 Issues – PV and Grid connection

Grid connection

Eliano RUSSO

CEO, 3SUN (Italy)

Energy Storages

Narayana Prasad PADHY

Director, Malaviya National Institute of Technology Jaipur (India)

Reuse, Recycle

Jingyang LIU

Professor, PhD, Chinese Research Academy of Environmental Sciences

15:05–15:15 Future Perspectives – GPFM

Luciano MARTINI

Director, MI Green Powered Future Mission
Director, Transmission and Distribution Technology Department, Ricerca sul Sistema Energetico (RSE) (Italy)

GPFM International Online Workshop

by METI, Japan



Registration: Day 1

<https://gaiax.webex.com/weblink/register/r040b27909573616d44012863967cd72b>

Day 2

<https://gaiax.webex.com/weblink/register/r1df58565cc4dc2b48a8339c0f2d90280>

(please note that WebEx links are different for Day 1 and Day 2.
If you join both days, please register separately)

Registration close: February 14 of each time zone

(Archive is available for limited period upon the registration)

Contact:

For questions on webinar program: Akiteru MARUTA, Technova Inc.

maruta@technova.co.jp

For questions on registration and webinar: BORDER Inc.

admin-01@borders.co.jp

GPFM International Online Workshop by METI on LinkedIn page



MI 2.0 GPFM International Workshop
Novel Photovoltaic: Policy and Technology

Platform: WebEx
When: February 15-16, 2023
Host: Ministry of Economy, Trade and Industry (METI), Japan
Registration: QR codes or link in the description

Register here:
Day 1 **Day 2**

The banner features a blue and white geometric pattern background. It includes the GPFM logo, METI logo, and two QR codes for registration. The text is in white and yellow.

GPFM - The Green Powered Future Mission
398 followers
4d • Edited •

We are glad to invite you all to participate to the 2-day International Workshop "Novel Photovoltaic: Policy and Technology", organized by the GPFM Japanese Colleagues from the Ministry of Economy, Trade and Industry (METI), on 15-16 February 2023 at 13:00-15:00 Europe (CET).

This workshop will be a great opportunity to bring together representatives from the GPFM coalition and PV international experts to showcase Countries' Policy, scenarios & trends, and to share insights as well as best practices in the field of Novel PV.

For more information, see the event description.

#gpfm #missioninnovation #internationalcollaboration #novelphotovoltaics #workshop

MI 2.0 GPFM International Workshop
Novel Photovoltaic: Policy and Technology

Register here:
Day 1 **Day 2**

Platform: WebEx
When: February 15-16, 2023
Host: Ministry of Economy, Trade and Industry (METI), Japan
Registration: QR codes or link in the description

Wed, Feb 15, 1:00 PM - Thu, Feb 16, 3:00 PM CEST [View event](#)

GPFM International Workshop "Novel Photovoltaic: Policy and Technology"

Online
Gloria Scalco and 1 other attendee

10 3 reposts

Like Comment Repost Send

The LinkedIn post shows a detailed event card with all the information from the banner, including QR codes and a 'View event' button. It also shows engagement metrics like 10 views and 3 reposts.

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Upcoming events & Foreseen Comms activities



Comms activities on LinkedIn: Received contributions from **GPFM** members

- China
- Italy
- Australia
- India
- Spain
- IRENA
- ENEL Grids
- Brazil
- Germany
- IEA
- BSI
- TERNA



First draft of a LinkedIn Post dedicated to GPFM members

Additional inputs expected from National Grid Group, Areti, ... shortly

The Green Powered Future Mission is co-led by China, Italy and the UK and relies on a strong international coalition composed of 28 active members, including

- MI Member countries: Australia, Austria, Brazil, Canada, European Commission, India, Saudi Arabia, Germany, Japan, Republic of Korea, Spain
- International Organizations: IRENA, IEA, World Bank Group
- Private sector companies: Alperia, Areti, Enel Grids, Icebreaker One, LONGi, National Grid Group, Goldwind, ENA, GSE, BSI, Terna

Through a strong commitment, all GPFM partners are leading the way in R&I towards global power system transformation and progress the clean energy transition.

To further explore our coalition, we will dedicate some space to each GPFM member, highlighting their important contribution and relevant value brought to the Mission.

Do not miss our next announcements on GPFM members and follow the hashtag **#GPFMcoalition!**



First draft of the LinkedIn Post dedicated to the GPFM Coalition

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**GREEN POWERED
FUTURE**
MISSION

Thank you for your kind attention

Main Contacts:

Luciano Martini

luciano.martini@rse-web.it

Yibo Wang **Pillar 1** lead

wyb@mail.iee.ac.cn

Mattia Cabiati **Pillar 2** lead

mattia.cabiati@rse-web.it

Sarah Butler **Pillar 3** lead

sarah.butler@beis.gov.uk

www.mission-innovation.net/missions/power/