



# The Breakthrough Agenda

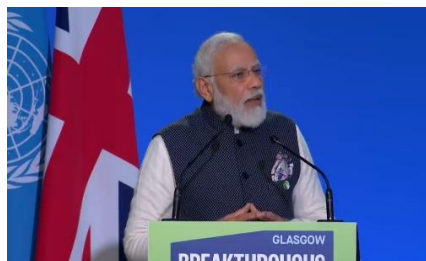
Summary slides

**BREAKTHROUGH**  
AGENDA

# The Breakthrough Agenda

The Breakthrough Agenda is a **global framework to strengthen international collaboration**

Through inclusive collaboration it aims to make clean technologies and sustainable solutions the most affordable, accessible and attractive option in key sectors and in all regions by 2030.



- Launched by world leaders at COP26.
- Led by developing and developed countries
- Backed by 57 countries covering over 80% of global GDP
- Reinforces & connects successive COP action agendas, (underpins many of the COP28 Presidency's major announcements)
- Engages and focuses the work of 100+ major international initiatives
- Works across seven key sectors covering over 60% of global emissions.

# Overview of the Breakthroughs

## BREAKTHROUGH AGENDA

### • Power

- Clean power is the most affordable and reliable option for all countries to meet their power needs efficiently by 2030.

Co-leads: Morocco and UK  
Launched: COP26  
Signatories: 36



### • Road Transport

- Zero emission vehicles are the new normal and accessible, affordable, and sustainable in all regions by 2030.

Co-leads: India, US and UK  
Launched: COP26  
Signatories: 34



### • Steel

- Near-zero emission steel is the preferred choice in global markets, with efficient use and near-zero emission steel production established and growing in every region by 2030.

Co-leads: Germany and UK  
Launched: COP26  
Signatories: 31



### • Hydrogen

- Affordable renewable and low carbon hydrogen is globally available by 2030.

Co-leads: US, India and UK  
Launched: COP26  
Signatories: 37



### • Agriculture

- Climate-resilient, sustainable agriculture is the most attractive and widely adopted option for farmers everywhere by 2030.

Co-leads: Egypt and UK  
Launched: COP26  
Signatories: 17



### • Buildings (new)

- Make “near zero-emission and resilient buildings the new normal by 2030”

Co-leads: France and Morocco  
Launch: at COP28  
Signatories: 24 confirmed



### • Cement

• (new)

- Make “near zero-emission and resilient buildings the new normal by 2030”

Co-leads: Canada and UAE  
Launch: at COP28  
Signatories: 5 confirmed



# A global collaborative framework

The Breakthrough Agenda provides a global collaborative framework comprising three pillars: **Commitments**, an annual **Process** and a **Service** to the international community.

## Commitments

- Commitments from Breakthrough signatory countries **to the Breakthrough Goals** for 2030
- Annual commitments from countries and key initiatives **to support delivery of annual Priority Actions.**

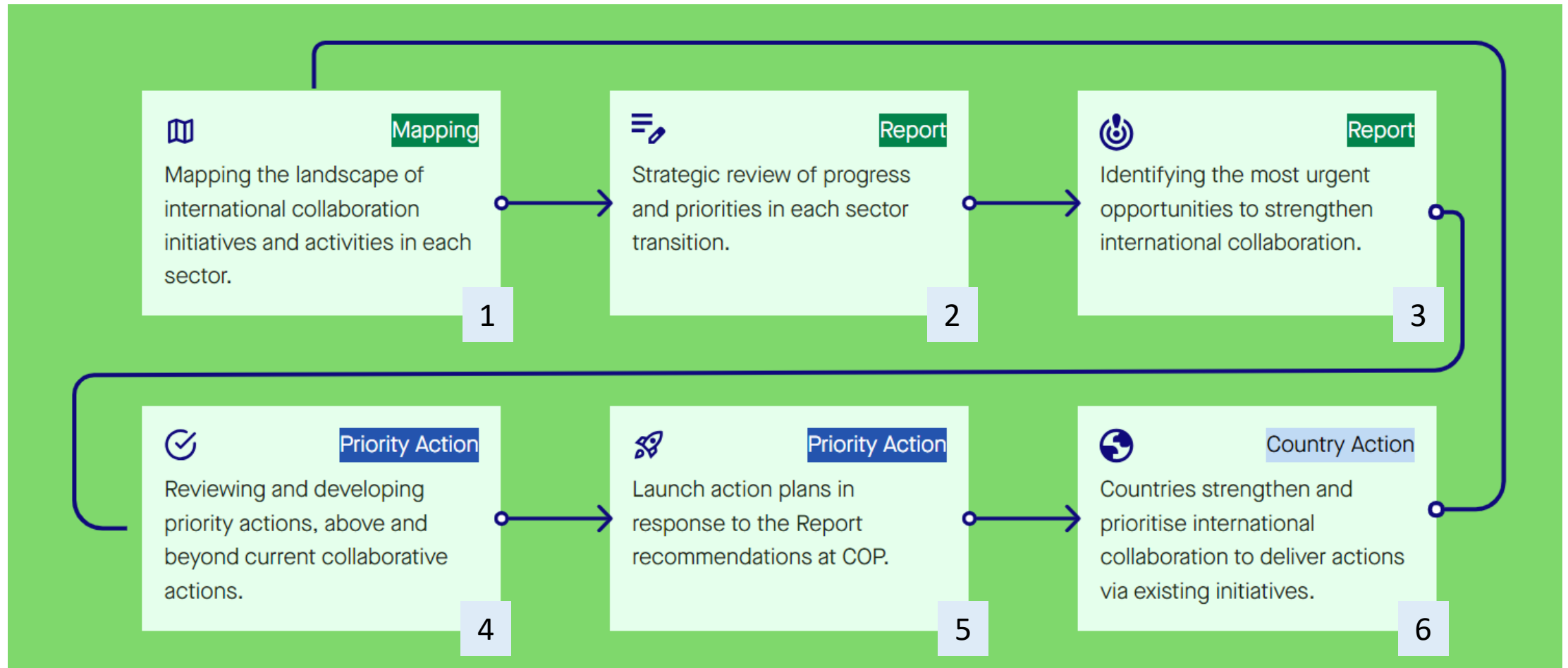
## Annual Process

- **Prioritise:** based on independent advice, building consensus on the **top priority actions needed internationally** in each sector, annually.
- **Coordinate:** between **initiatives and governments, and from COP to COP**, reviewing collective efforts, aligning progress on priority actions and identifying ways to plug gaps.
- **Enhance:** by convening decision-makers to **crowd in efforts** and funding behind the highest priorities
- **Track:** through an **annual cycle of independent tracking** of progress against plans and towards goals, strengthening accountability.

## Service

- Assisting initiatives to more efficiently **understand and connect** with each other's priorities.
- Helping engaged countries **prioritise and guide** their engagements.
- Helping countries wishing to engage more **understand how and where to focus.**
- Helping **climate leadership** (e.g. COP Presidencies) understand and connect with the full landscape to inform choices on new or enhanced activities.

# The Breakthrough Agenda Annual Cycle





# Connecting COP to COP - Annual Cycle

The Breakthrough Agenda annual process is structured around 5 convening moments, anchored at COPs and helping connect COP to COP. These are designed to hold delivery leads accountable, allow consultation and create the buy-in and forcing momentum to coordinate and enhance global cooperation to deliver the Priority Actions for that year and agree refreshed Priority Actions for the next year.

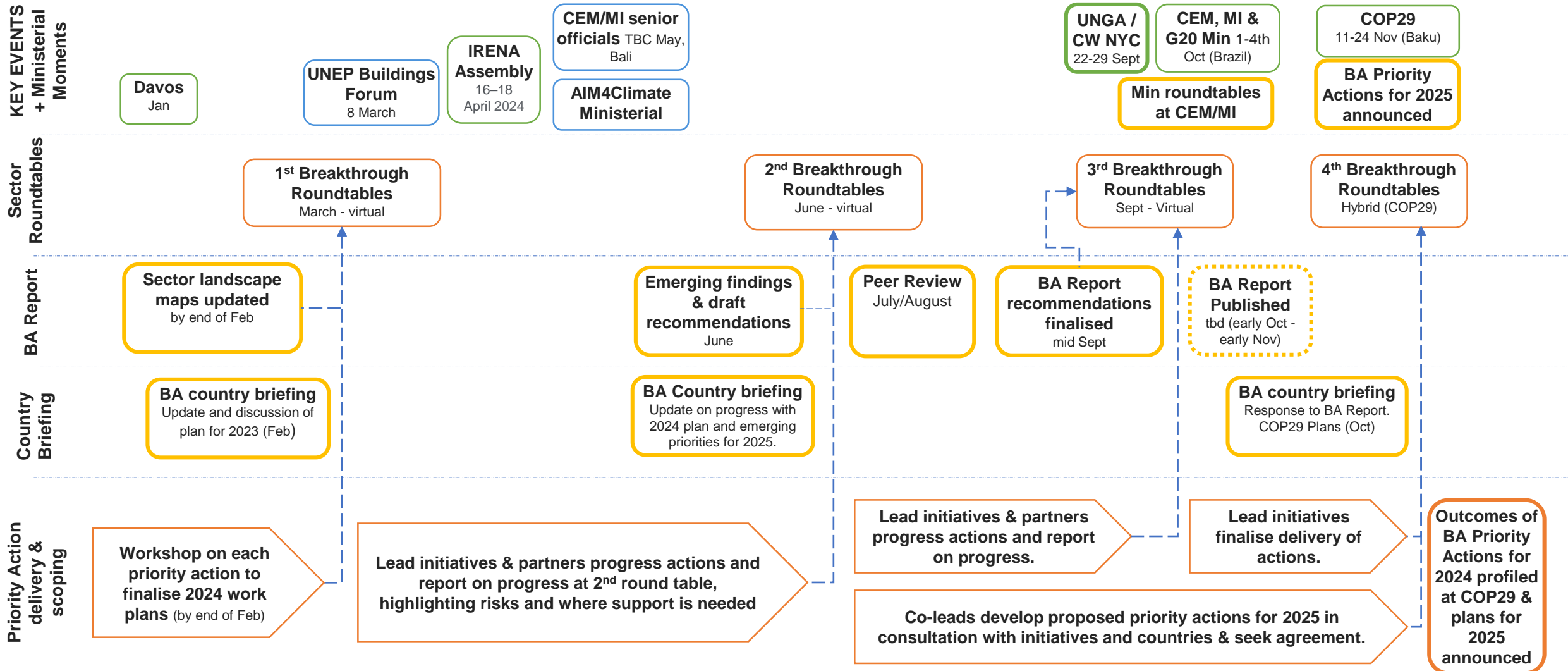


**Breakthrough Co-leads** supported by BA secretariat facilitate coordination between key initiatives to implement priority actions and input to BA report. Develop proposals for priority action implementation and chair discussions between Senior Officials / Ministers on enhanced action and funding needs.

**Oversight Group** provides strategic direction and oversight, using the Breakthrough Agenda input to identify areas to strengthen, positioning initiatives to take action to address gaps in the landscape and helping advocate for political commitment.

# Timeline to COP29 – key moments

## BREAKTHROUGH AGENDA



# Upcoming Milestones

---

1. H2 Bt Facilitator – hosted by IPHE – close to appointment
2. Priority Action Work plans – completed by end Feb
3. Landscape maps – draft ready, formal version by mid-March
4. H2 Bt Roundtable – 19<sup>th</sup> or 26<sup>th</sup> March
5. CEM-MI Officials meeting (tbc) – May 15<sup>th</sup>-17<sup>th</sup>
6. Philanthropy Discussions – May/June
7. COp28 Pres partnership continues. COP29/COP30 Pres discussions ongoing. Consider G7/G20 leverage.



Global Architecture

## Oversight Group

Oversight Group makes Breakthrough Agenda-wide decisions and support overall coordination. This group is made up of seniors in co-lead governments, nominated representatives from the CEM-MI Joint Steering Committee, Breakthrough Agenda report authors and other nominated representatives. Makes decisions related to: strategic oversight, partnerships (e.g. COP, CEM-MI), new Breakthroughs,

## BA Secretariat

Delivery of partnerships (e.g. COP, CEM-MI), cross cutting comms and events, analysis, governance, funding strategy. Includes coordinators for each breakthroughs (see below)

Sectoral coordination for each breakthrough

## Co-Leads

The co-lead governments are the primary political driver for the Breakthrough Agenda annual cycle. They set the direction for the annual cycle in each breakthrough sector and supporting delivery through leading initiatives.

## Sectoral coordinator

Hosted by international organisations with sector-specific expertise, sector coordination between initiatives and providing link between BA secretariat and co-leads

## Co-lead Countries

**Power:** Morocco, UK  
**Steel:** Germany, UK  
**Agriculture:** Egypt, UK  
**Hydrogen:** US, UK, India  
**Road Transport:** US, UK, India  
**Cement:** Canada, UAE  
**Buildings:** France, Morocco

### Breakthrough Agenda Secretariat

*A small team supporting countries and initiatives in delivering the Breakthrough Agenda. Includes a small core team plus Facilitators for each Breakthrough Sector.*

### Breakthrough Sector Teams

*Sector specific teams comprising representatives from co-lead countries and the Sector Facilitator supporting and guiding a community of countries and initiatives delivering strengthened sectoral collaboration.*

Power  
Road Tra  
Steel  
etc ...

### Hydrogen

Co-Lead  
Countries  
(India, UK, USA)

Sector  
Facilitator

Partner  
Organization  
(IPHE)

### Sector Facilitator

*A neutral, unbiased facilitator – there to help the landscape as needed. Part of both a partner organisation and the BA secretariat, supporting co-lead countries and the wider landscape.*

#### Role is to:

- Support the landscape to better connect and coordinate relevant activities.
- Support the co-lead countries in coordinating the sector specific BA annual cycle.
- Supporting aspects of the work of their host organisation.

### Partner Organisation

*A respected international initiative or organisation in that sector hosting the facilitator.*

# Breakthrough Agenda (BA) Team – Roles & Responsibilities

### Breakthrough Agenda Secretariat

*A small team supporting countries and initiatives in delivering the Breakthrough Agenda. Includes a small core team plus Facilitators for each Breakthrough Sector.*

#### Cross-cutting team – responsible for:

- Coordinating the annual Breakthrough Agenda cycle inc. roundtables, priority action drafting, agreement and implementation.
- Supporting co-lead countries in managing individual Breakthroughs.
- Engagement with and support for COP action agendas.
- Commissioning and supervising the annual Breakthrough Agenda report.
- Agreeing and actioning external partnerships i.e. with COP Presidency, CEM-MI, HLCs, Friends of the Breakthrough Agenda, private sector organisations etc.
- Coordinating Breakthrough Agenda comms and events.

### Partner Organisation

*A respected international initiative or organisation in that sector hosting the facilitator.*

#### Sector Facilitator

*A neutral, unbiased facilitator – there to help the landscape as needed. Part of both a partner organisation and the BA secretariat, supporting co-lead countries and wider landscape.*

#### Role is to:

- Support the landscape of initiatives and active countries to better connect and coordinate relevant activities.
- Support the co-lead countries in coordinating the sector specific Breakthrough Agenda annual cycle.
- Supporting aspects of the work of their host organisation.

#### Tasks include:

- Coordinating sector input into the BA Report
- Coordinating responses to the BA report and the drafting and agreement of Priority Actions
- Coordinate initiatives to deliver priority actions
- Organising roundtables and other discussions
- Developing annual landscape map and reporting
- Supporting sector specific comms and events – in particular in the build up to and at CEM-MI Ministerials and COPs.

### Breakthrough Sector Team

*A sector specific team comprising representatives from co-lead countries and the Sector Facilitator supporting and guiding a community of countries and initiatives delivering strengthened sectoral collaboration.*

#### Sector Co-lead Countries – responsible for:

- Guiding & coordinating specific Sector Breakthroughs on behalf of the wider community of BA countries; guiding the Sector Facilitator & ensuring the BA annual process is delivered.
- **Role includes:** co-chairing roundtables and other relevant meetings; championing the sector Breakthrough and representing it in key events (Ministerial or senior official as appropriate); liaising with key initiatives and countries to ensure priority actions are agreed by a diverse range of countries, coordinated across relevant initiatives and delivered according to agreed plans.

# 2024 objectives – what does success look like?

**Impact:** Through strengthened collaboration countries and companies have better access to the enhanced solutions they need to decarbonise more rapidly.



Outcomes by COP29:

## Priority Actions delivered

An impactful package of collaborative priority actions has been delivered for each sector, with wide ranging inclusive engagement and the role of collaborating partners and the BA framework widely recognised.

## Collaborative action strengthened

Initiatives and countries have been supported and enabled by the BA framework to deliver their objectives more efficiently and effectively and to broaden their engagement with the wider landscape.

## Collaborative framework reinforced

The Breakthrough Agenda framework is significantly supporting the COP Action Agenda and is being led and supported by a diverse international consortium of countries, initiatives and other organisations.

## Overview of the Priority Actions for H2 Breakthrough in 2024

Priority International Action	2024 Objectives	Initiatives
<p><b>H1: Standards &amp; Certification</b> Accelerate the development of standards for clean hydrogen</p>	Accelerate and fully resource a coordinated programme to develop a comprehensive portfolio of international hydrogen standards and facilitate associated certification schemes.	<p><b>Coordinating:</b> IPHE <b>Partners:</b> IEA's Hydrogen TCP, IRENA, UNIDO</p>
<p><b>H2. Demand Creation &amp; Management</b> Coordinate internationally to drive demand for clean hydrogen</p>	Coordinate the agreement of packages of firm and sustained public and private commitments for the large-scale use renewable and low carbon hydrogen that displaces fossil fuel use and supports just transitions.	<p><b>Coordinating:</b> RMI, CEM H2I <b>Partners:</b> FMC, WEF's Accelerating Clean Hydrogen Initiative, IHTF, MI Clean H2 Mission, H2 Global</p>
<p><b>H3. Research &amp; Innovation</b> Expand the number and scope of innovative clean hydrogen projects and the sharing of learning.</p>	Drive a significant increase in the number and geographical distribution of new, innovative hydrogen research and demonstration projects across a diversity of hydrogen's high-value end use sectors, backed by mechanisms to broaden and more rapidly share learnings from projects.	<p><b>Coordinating:</b> Mission Innovation Clean Hydrogen Mission <b>Partners:</b> IEA H2 TCP</p>
<p><b>H4: Finance &amp; Investment</b> Scale and facilitate access to financial &amp; technical assistance, particularly for developing countries</p>	Enhance the international assistance offer for clean hydrogen, coordinating and facilitating access to increased finance and support, enabling private investment at scale in EMDEs. Targeted support for 'lighthouse projects' in EMDEs through a coordinated transition platform.	<p><b>Coordinating:</b> World Bank &amp; UNIDO <b>Partners:</b></p>
<p><b>H5: Landscape Coordination</b> Enhance the coordination and transparency of international collaboration on clean hydrogen</p>	A widely supported, structured, open, resource-efficient approach to the voluntary and consensus-based coordination of international hydrogen initiatives.	<p><b>Coordinating:</b> Breakthrough Agenda project team Supported by Hydrogen Breakthrough Facilitator, hosted by IPHE Secretariat. <b>Partners:</b> All willing H2 initiatives.</p>