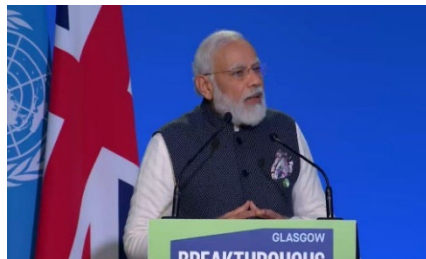


# The Breakthrough Agenda

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.

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

## Commitments

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

## Annual Process

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

## Service

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

BREAKTHROUGH  
AGENDA

## THE BREAKTHROUGH AGENDA REPORT **2023**



Accelerating Sector Transitions Through  
Stronger International Collaboration



The Breakthrough Agenda Report is a yearly report to track progress on how well international collaboration is being advanced to accelerate sectoral transitions

The 2023 report showed that current efforts on clean energy and sustainable solutions, while improving, are not yet delivering the levels of investment and deployment required to meet international climate goals. In response, it calls on governments to strengthen collaboration in key areas – such as standards and regulation, financial and technical assistance and market creation – to turbocharge the transition.

<https://www.iea.org/reports/breakthrough-agenda-report-2023>

### 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 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: 28 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



THE BREAKTHROUGH AGENDA IS TACKLING THE 7 MAJOR SECTORS THAT COVER MORE THAN

**60%** OF GLOBAL EMISSIONS.

## Countries who have endorsed the Road Transport Breakthrough Goal

- Australia
- Belgium
- Cambodia
- Canada
- Denmark
- Egypt
- European Commission
- Finland
- France
- Germany
- Guinea Bissau
- Holy See
- India
- Israel
- Italy
- Japan
- Kenya
- Latvia
- Lithuania
- Luxembourg
- Malta
- Morocco
- Namibia
- Netherlands
- New Zealand
- Nigeria
- Norway
- Poland
- Portugal
- Korea
- Serbia
- Sweden
- USA
- UK

# Priority Action delivery plan

## RT1. Demand Creation

# BREAKTHROUGH

## AGENDA

### Priority Action

#### **Demand Creation / Long-term Vision / Market Structures:**

Work together to set and implement common and coordinated targets and measures that send an unequivocal collective global market signal in support of a Paris-aligned Zero Emission Vehicles (ZEV) transition, and review progress at COP29



### How this will be taken forward

By countries, sub-nationals and businesses joining one or more of the following leading initiatives focused on sending global ZEV market signals consistent with the Paris Agreement's goals, working together to implement action and grow their memberships, and review progress by COP29:

- Accelerating to Zero Coalition
- Global MoU on ZE-M/HDVs
- CEM Electric Vehicles Initiative
- EV100 & EV100+
- First Movers Coalition

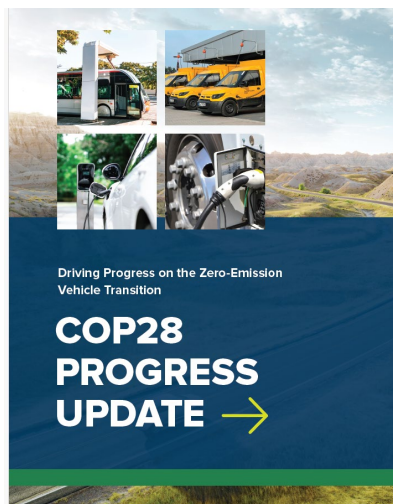
By inviting the Accelerating to Zero Coalition, Global MoU and other partners to provide a report for COP29 on progress towards a global Paris-aligned ZEV transition in terms of both setting targets and implementation of those targets, and to include more information on all vehicle types.

### Coordinating initiatives

- Accelerating to Zero Coalition
- Global MoU ZE-M/HDV
- CEM EVI
- The Climate Group (EV100 & EV100+)
- First Movers Coalition
- Fleet Electrification Coalition

### Endorsing countries:

Australia  
Azerbaijan  
Cambodia  
Canada  
European Commission  
France  
Guinea Bissau  
India  
Netherlands  
New Zealand  
Norway  
Panama  
United Kingdom  
United States



### Highlights

Progress Toward a Paris-Aligned ZEV Transition

# 24

Countries representing 13% of global LDV sales, have set voluntary ZEV targets or proposed policies for LDVs

# 28

Countries representing 17% of global LDV sales, have adopted binding policies for LDVs

# 0

Countries have adopted binding policies for MHDVs

# 27

Countries representing 20% of global MHDV sales, have set voluntary ZEV targets for MHDVs

# Priority Action delivery plan

## RT2. Finance and Investment

### BREAKTHROUGH AGENDA

#### Priority Action

Launch a **shared roadmap to significantly strengthen the overall offer** of international technical assistance and finance available to support the ZEV transition of Emerging Markets and Developing Economies (EMDEs), and review progress at COP29.



#### How this will be taken forward

By launching the **Global ZEV Transition Roadmap at COP28** to outline how the international community intends to strengthen international technical and financial support – **including in areas related to the other four priority actions** – to accelerate the transition to zero emission vehicles.

By **reviewing progress** under the Roadmap **on an annual basis**, with activities being informed by the ZEV Transition Council International Assistance Taskforce, including its recent report on EMDE Country needs.

#### Coordinating initiatives

**International  
AsZEV TRANSITION  
COUNCIL**

*(members include governments, UNEP, World Bank, FIA Foundation, ICCT, WBCSD, UC Davis and the Global Fuel Economy Initiative, and others).*

#### Endorsing countries:

Cambodia  
Canada  
European Commission  
Finland  
Germany  
Guinea Bissau  
India  
Lithuania  
New Zealand  
Norway  
Panama  
Republic of Korea  
Sweden  
United Kingdom  
United States



#### ROADMAP TO 2030

Enabling a Global Transition  
to Zero Emission Vehicles

# Priority Action delivery plan

## RT3. Supply chains

# BREAKTHROUGH

## AGENDA

### Priority Action

Accelerate work to improve the sustainability of ZEV battery supply chains globally, by working together to establish a mechanism for countries and businesses to share best practice and knowledge, support implementation and explore opportunities to increase comparability of standards and policies by COP29.



### How this will be taken forward

By inviting the Global Battery Alliance, with other leading expert organisations and initiatives, to launch recommendations across the public and private sector defining policy priorities to improve ZEV battery sustainability globally, continue to collaborate on those towards COP29.

By working with countries to explore opportunities to increase comparability of standards and policies, including by assessing the feasibility of a global harmonization of existing sustainable battery regulations at the World Forum for Harmonization of Vehicle Regulation (UNECE/WP.29).

### Coordinating initiatives

- Global Battery Alliance (GBA)
- World Economic Forums (WEF)
- Circular Cars Initiative (CCI)
- United Nations Environment Programme (UNEP)
- UNECE
- The Environmental Collaboratory at Drexel University, amongst others as/where relevant

### Endorsing countries:

Australia  
Cambodia  
Canada  
European Commission  
Finland  
France  
Germany  
Guinea Bissau  
India  
Ireland  
Japan  
Netherlands  
New Zealand  
Norway  
Panama  
Republic of Korea  
Sweden  
United Kingdom  
United States



# Priority Action delivery plan

## RT4. Infrastructure

### Priority Action

Infrastructure: Accelerate the development and deployment of ZEV infrastructure globally by working together to establish a mechanism for sharing best practice, knowledge and supporting implementation by countries and businesses at national and regional levels by COP29.



### How this will be taken forward

By countries working with the coordinating and partner initiatives to continue to establish a specialist best practice sharing and coordination mechanism on ZEV infrastructure to support policy implementation. This includes providing insights on long-term ZEV infrastructure needs and exploring the development of new standardised tools and products to support ZEV infrastructure planning and modelling at different levels, including recommendations on how to scale technical and financial assistance.

By, countries continuing to engage actively in ongoing international discussions, support vehicles manufacturer discussions on the alignment of charging types and invite partner initiatives as part of the above to review progress in the development of international standards for vehicle charging types by COP29.

By countries strengthening engagement with the private sector, including fleet operators and infrastructure investors, to optimize planning and infrastructure investment through mapping infrastructure needs.

### Coordinating initiatives



### Endorsing countries:

Australia  
Azerbaijan  
Cambodia  
Canada  
European Commission  
Finland  
Germany  
Guinea Bissau  
India  
Ireland  
Japan  
Lithuania  
New Zealand  
Norway  
Panama  
Republic of Korea  
Sweden  
United Kingdom  
United States

# Priority Action delivery plan

## RT5. Trade Conditions

# BREAKTHROUGH

## AGENDA

### Priority Action

Enable dialogue with a coalition of importer and exporter countries to seek to increase comparability of quality standards and policies for used Internal Combustion Engine (ICE) vehicles and engagements to support the international trade of second-hand ZEVs, and publish forward plans.



### How this will be taken forward

By countries working with existing multilateral organisations and initiatives, such as such as UNEP (amongst others) and the UNECE WP.29 working group on Safer and Cleaner Used and New Vehicles, to continue to convene and develop strategies to define and evaluate quality standards and ensure publicly accessible databases are available for tracking cross-border used vehicle trade.

### Coordinating initiatives

- UNEP, ITF, UNECE and WEF CCI, amongst others as/where relevant

### Endorsing countries:

Azerbaijan  
Cambodia  
Canada  
European Commission  
Finland  
Germany  
Guinea Bissau  
India  
Japan  
Lithuania  
Netherlands  
New Zealand  
Norway  
Panama  
Republic of Korea  
Sweden  
United Kingdom  
United States