



Breakthrough Agenda

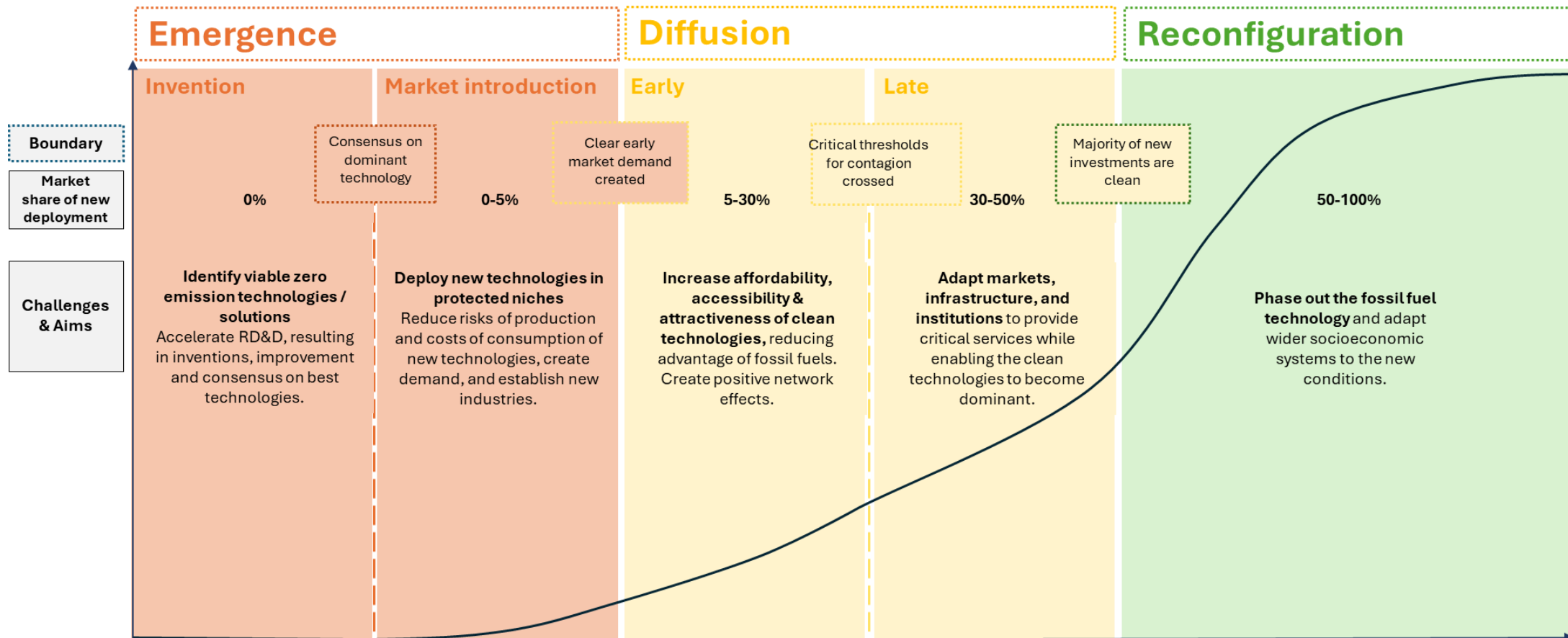
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Transitions start slowly but can expand rapidly

Transitions starts slowly but can expand rapidly once key conditions are met.

Sectors are in different phases, many sectors are still in the ‘emergence phase’ but on the cusp of shifting into the ‘diffusion stage’ where uptake accelerates. Coordinated and collaborative action by coalitions of high-ambition governments and industry can ensure that shift.



Leveraging the weight of international collaboration is essential to accelerate the transition

BREAKTHROUGH AGENDA



Deployment of clean energy technologies is growing at a rapid pace, but global emissions continue to rise.



Well-targeted international collaboration can accelerate clean energy transitions at a global scale.



Without a gear-shift in practical collaboration, climate goals will be increasingly hard to meet.

The IEA has said:

Without well-targeted international collaboration, the energy transition could be delayed by decades.

The Breakthrough Agenda is a global framework to strengthen international collaboration to make clean technologies and sustainable solutions the most affordable, accessible and attractive option in key sectors, and in all regions by 2030.

BA backed by
61 countries
accounting for
over **80% of global
GDP**



The Breakthrough Agenda sectors account for more than 60% of global emissions

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
Sector Facilitator host: IRENA



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
Sector Facilitator host: ICCT



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
Sector Facilitator host: UNIDO



Hydrogen

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

Co-leads: US and UK
Launched: COP26
Signatories: 39
Sector Facilitator host: IPHE



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
Sector Facilitator: TBC



Buildings

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

Co-leads: France and Morocco
Launch: COP28
Signatories: 29
Sector Facilitator host: Global ABC



Cement

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

Co-leads: Canada and UAE
Launch: COP28
Signatories: 13
Sector Facilitator host: TBC



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

60% OF GLOBAL
EMISSIONS.

The Breakthrough Agenda has built momentum and supported impact from COP to COP

BREAKTHROUGH AGENDA



Breakthrough Agenda **launched by world leaders at COP26** covering 5 sectors and backed by 45 countries



First Breakthrough Agenda **Priority International Actions** launched at COP27



COP28 expanded scope to new sectors - Buildings and Cement

Supported the Presidency in securing agreement to **Declaration on H2 Certification** – and led on follow-on



Played a key enabling role in **securing 3x renewable energy capacity, 2x energy efficiency rate** by 2030 pledge



COP29
Baku
Azerbaijan



COP29 'Baku' Priority International Actions launched

Launched the updated **Zero Emission Vehicles Roadmap** & secured new signatories to both the Global MoU & the ZEVs declaration

2 new countries **joined**

Instrumental in the COP29 **Hydrogen Declaration**

Convened global north and global south countries, NGOs, IGOS & philanthropies for **strategic dialogues** on power, industry & hydrogen.



<https://www.iea.org/reports/breakthrough-agenda-report-2024>

Breakthrough Agenda Report 2025

Publication ahead of COP30. Peer review in August.

Draft structure

- Goals – suggested 2035 goals and success criteria for each BA sector
- Deep dives:
 - Supply Chains and Global South support
 - Power Grids
 - Heavy Road Transport
 - Steel trade
 - Fertiliser production and use

If you would like to participate in the peer review please contact: breakthrough.agenda@energysecurity.gov.uk

Thank You

BREAKTHROUGH
AGENDA

For further information go to:
www.breakthroughagenda.org

Or email:
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