

'The Future of Coal'



31st Clean Coal Day in Japan
International Symposium (2022)

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CONTENTS

01 The last three years

02 Japan's Prowess As Technical

03 A Succession Of Energy Challenges

04 Enrolling Japan

05 Conclusion



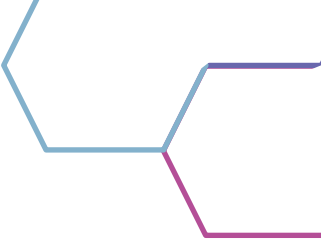


01. The Last Three Years



“The total contribution of coal is immense – and the opportunity for coal to transform through clean technologies is real.”

Clean technologies are being considered again



**Nations
Around The
World Are
Now Forced To
Contemplate:**

- The cost and timing of this 'clean energy transition'
- The relative importance of energy security, energy affordability and reliability
- The importance of the United Nations Sustainable Development Goals
- The placement of emphasis back on all clean technologies as it should have always been



**“The World Coal Association has not sought to be a coal lobbyist nor
extremist.**

**We are coal realists and educators who believe that countries have the
right to choose their energy mix and for some that includes coal.**

We are moderates who also recognise that coal cannot stay the same.”



Now is the time to join the WCA

For those who have not joined the WCA's coal reality movement, your time is **now**.

The confluence of world events means, a rapid reassessment of many energy assumptions is underway.

This provides an opportunity for the global coal value chain to steer its narrative through a unified approach around clean technology deployment, by:

Repositioning

Reshaping

Reforming



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02. Japan's Prowess As Technical Innovator

Japan is a global role model

Over the last three years:

Global Role Model

Japan has continued to maintain its presence as a global role model for energy diversity and technological innovation.

At global forums, such as G20 and COP, Japan emphasises the need for realism and common sense in planning for a sustainable energy future.

Focuses On Clean Coal Technologies

Japan places an envious onus on developing and deploying clean coal technology across the Asia-Pacific - and beyond.

This includes High Efficiency Low Technology (HELE), Carbon Capture and Storage (CCS).

Ground-breaking Policies

Japan's ground-breaking policy and funding, alongside credit guarantee mechanisms have enabled the country to be in a great position to achieve its climate goals. .



..... 03. A Succession Of Energy Challenges

WCA Is Re-engaging With Stakeholders

Energy Challenges

The world has been beset with a succession of energy challenges:

- Fuel shortages.
- Fuel price spikes.
- Transportation bottlenecks.
- Renewables shortfalls.
- Succession of issues created by geopolitical issues in different parts of the world.

Re-start of coal plants

- Across Europe, coal-fired power plants have been restarted to keep energy grids alive.
- In June, the Greens Chancellor, Robert Habeck announced the decision to safeguard energy supplies by replacing depleting gas with domestic coal: *"The security of supplies must be safeguarded."*
- China has increased its coal output.
- In Australia, the Government has made commitments to clean technology alongside renewables.
- The US Congress passed a new Energy Bill that support Carbon Capture Storage through incentives, including an extension of the 45Q tax credit.

WCA's Engagement

- The WCA has re-engaged with stakeholders, especially in India and in South Africa, where coal's role as an economic driver and an abatement solution is front of mind.
- In both countries, we have enrolled a new wave of Members who are acutely aware of the pressures coal faces, and the need to move coal in a new direction.
- These companies are leading the discussion about "Future Coal", and coal's ability to provide energy security, economic sustainability, and abatement solutions.



o4. Enrolling Japan



“There is no better role model than Japan – a world leader in understanding the dynamics of energy markets, the critical importance of energy diversity and the need for energy security.

And the role that technology plays in ensuring this.”



05. Conclusion



“Climate does not have to be compromised.

The coal value chain can collectively balance these priorities and perspectives with smarter solutions - asking what can we do now with available technologies to abate coal?

In this way, we can keep doing what we have done for a century.

Adapt and improve.”

Thank you

-  worldcoal.org
-  [World Coal Association](https://www.linkedin.com/company/world-coal-association)
-  [/worldcoal](https://www.youtube.com/channel/UC...)