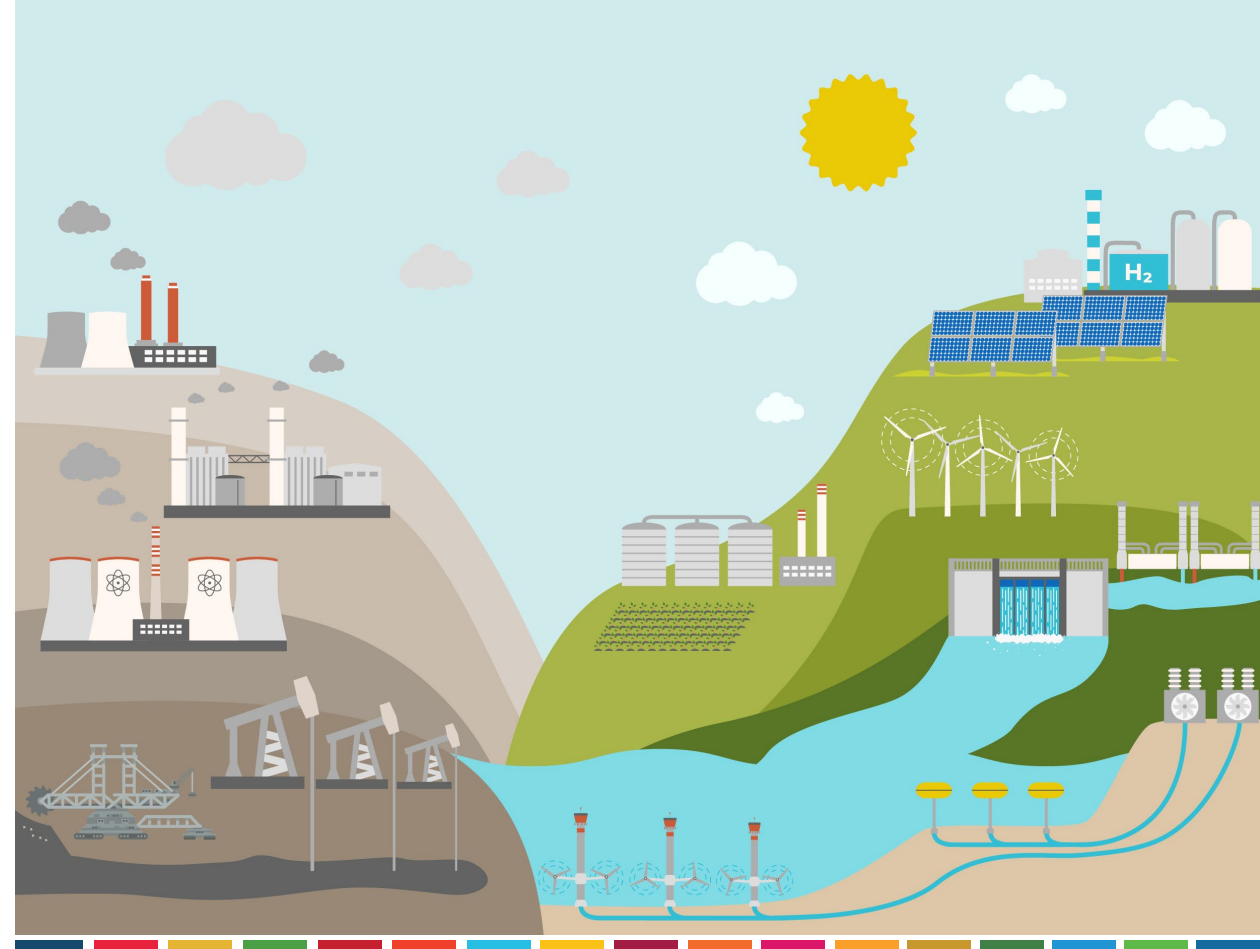


Coal Mine Methane and Just Transition

Chiara Giamberardini,
Sustainable Energy Division
United Nations Economic Commission for Europe



**European Coal in Transition:
rising like a phoenix**

8 MAY 2024



UNECE

- Set-up in 1947 by the United Nations Economic and Social Council (ECOSOC), UNECE is one of five UN Regional Commissions
- It brings together 56 member States in Europe, North America and Asia
- As a multilateral platform, UNECE facilitates greater economic integration and cooperation among its member countries and promotes sustainable development
- UNECE work on coal dates back to its creation in 1947:
“Establish a Coal Committee to conduct the activities previously performed by the European Coal Organization and consider the long-term problem of coal, giving due consideration to the possible development of other sources of power”





SUSTAINABLE DEVELOPMENT GOALS



➤ Today, coal mine methane work at UNECE takes place under auspices of the Committee on Sustainable Energy, within the Group of Experts on Coal Mine Methane and Just Transition

➤ Methane action contributes to the achievement of many Sustainable Development Goals

Group of Experts on Coal Mine Methane and Just Transition

Mandate & Areas of Work

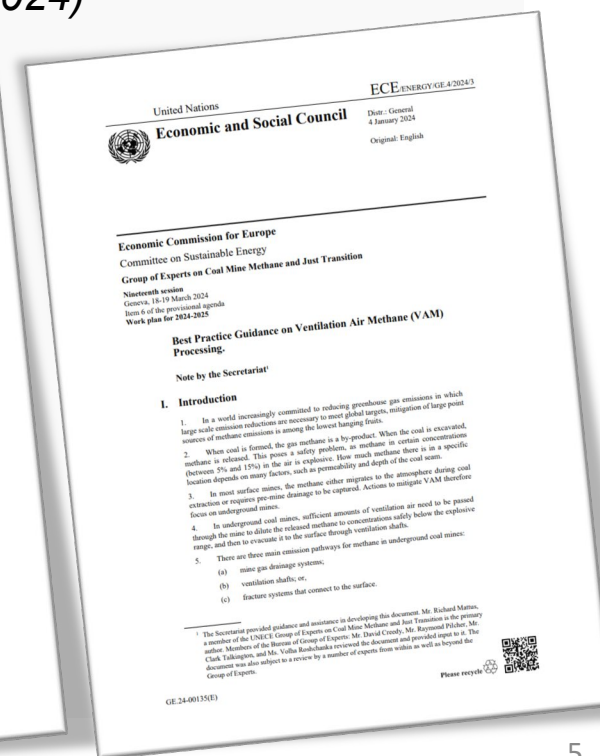
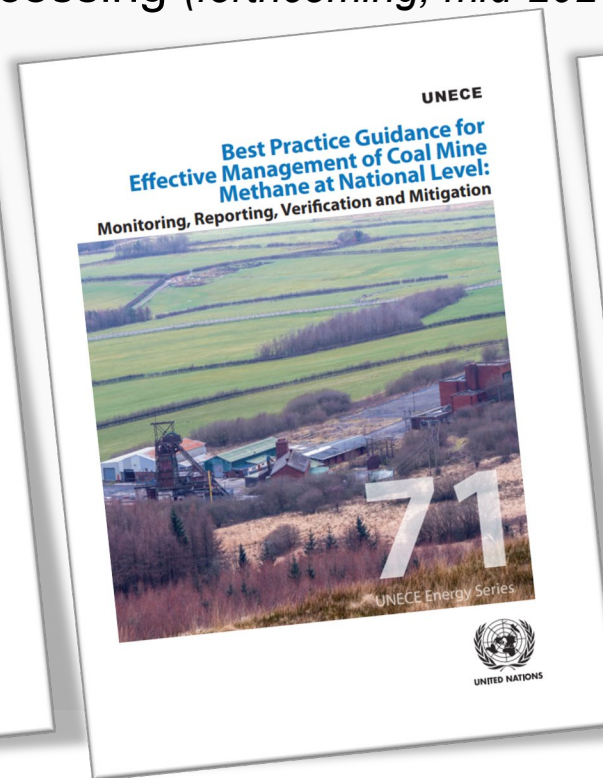
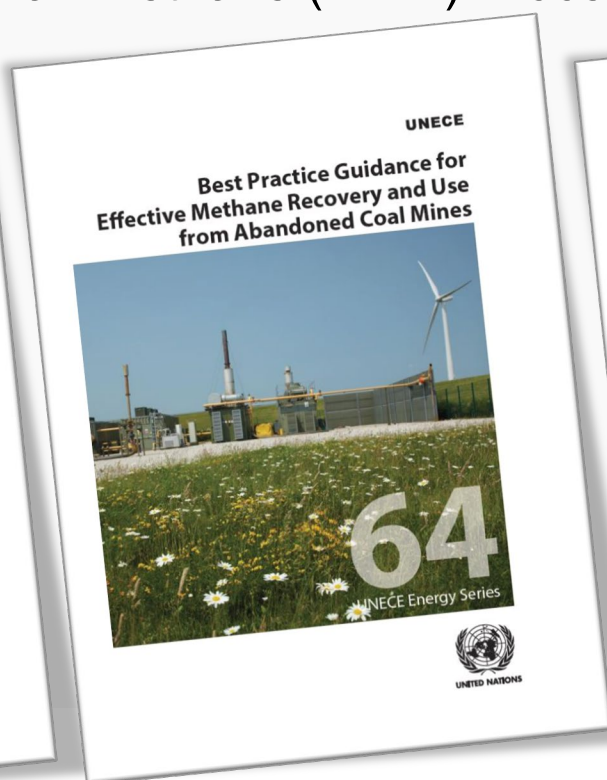
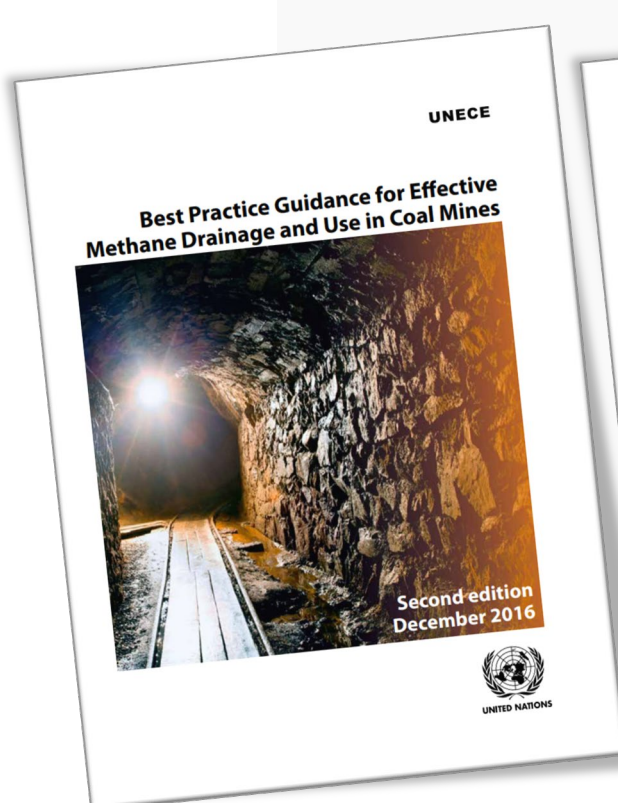


- To promote the efficient and environmentally sustainable transition of industries along the coal value chain ensuring the reduction of associated greenhouse gas emissions and social equity of the process
 - Activities on recovery and use of methane from active, closed, and/or abandoned coal mines
 - Support (on request) on preparation of coal mines and coal mining regions and communities for mine closure and reorientation of the local economies
 - Propose and pilot principles-based framework for just transition of active coal mining areas

Best Practice Guidance documents



- Effective Methane Drainage and Use in Coal Mines (2010, 2nd edition 2016)
- Effective Methane Recovery and Use from Abandoned Coal Mines (2019)
- Effective Management of Coal Mine Methane at National Level: Monitoring, Reporting, Verification and Mitigation (2021)
- Ventilation air methane (VAM) Processing (forthcoming, mid-2024)



Best Guidance Dissemination / Capacity Building



UNECE

- On demand-based **capacity building** and **awareness raising events**
 - **ECE region** (Belgium, Kazakhstan, Poland, Russia, Serbia, Switzerland, Türkiye, Ukraine, USA)
 - And **beyond** (China, Colombia, India, Thailand)
- Supports the work of **2 International Centres of Excellence on CMM**



- Conducts **case studies** on the application of the best practices identified by the Group of Experts in specific coal mines in different regions of the world

Convening, advocacy, outreach



Global Methane Forum 2024

Co-organized with GMI and CCAC to promote replicable methane mitigation successes and mobilize action



Supports Global Methane Pledge

Encourages States to join the initiative and offers assistance to facilitate that process



Contributes to IMEO's work on the Steel & Methane Partnership



a UNEP convened initiative

Provision of advice on coal mine methane related standards



- In the past, the Group provided advice on coal mine methane related standards to the United Nations Framework Convention on Climate Change (UNFCCC), namely on ACM0008, and to the International Organization for Standardization (ISO), namely to the ISO Technical Committee 263 Coalbed methane (CBM)
- It also provided comments on international, national and regional market-based coal mine methane emission reduction mechanisms

Just Transition



UNECE

- Since 2022, the Group of Experts purposely promotes the development and implementation of a Just Transition framework
 - integrated approach to sustainable development that brings together social progress, workers' protection, environmental consciousness, and economic success into a framework of democratic governance and institutional support
- The Group is also exploring a new approach that sees coal mining not as fuel supply, but as the provider of multi-purpose platform that might be an important component of the green economy
 - thus promising to facilitate the process of just transition of the fossil-based energy sector



Join us for the
Twentieth Session
of the Group of
Experts on Coal
Mine Methane and
Just Transition
(Geneva, March
2025)



Follow our work on
our website:
<https://unece.org/sustainable-energy/coal-mine-methane>



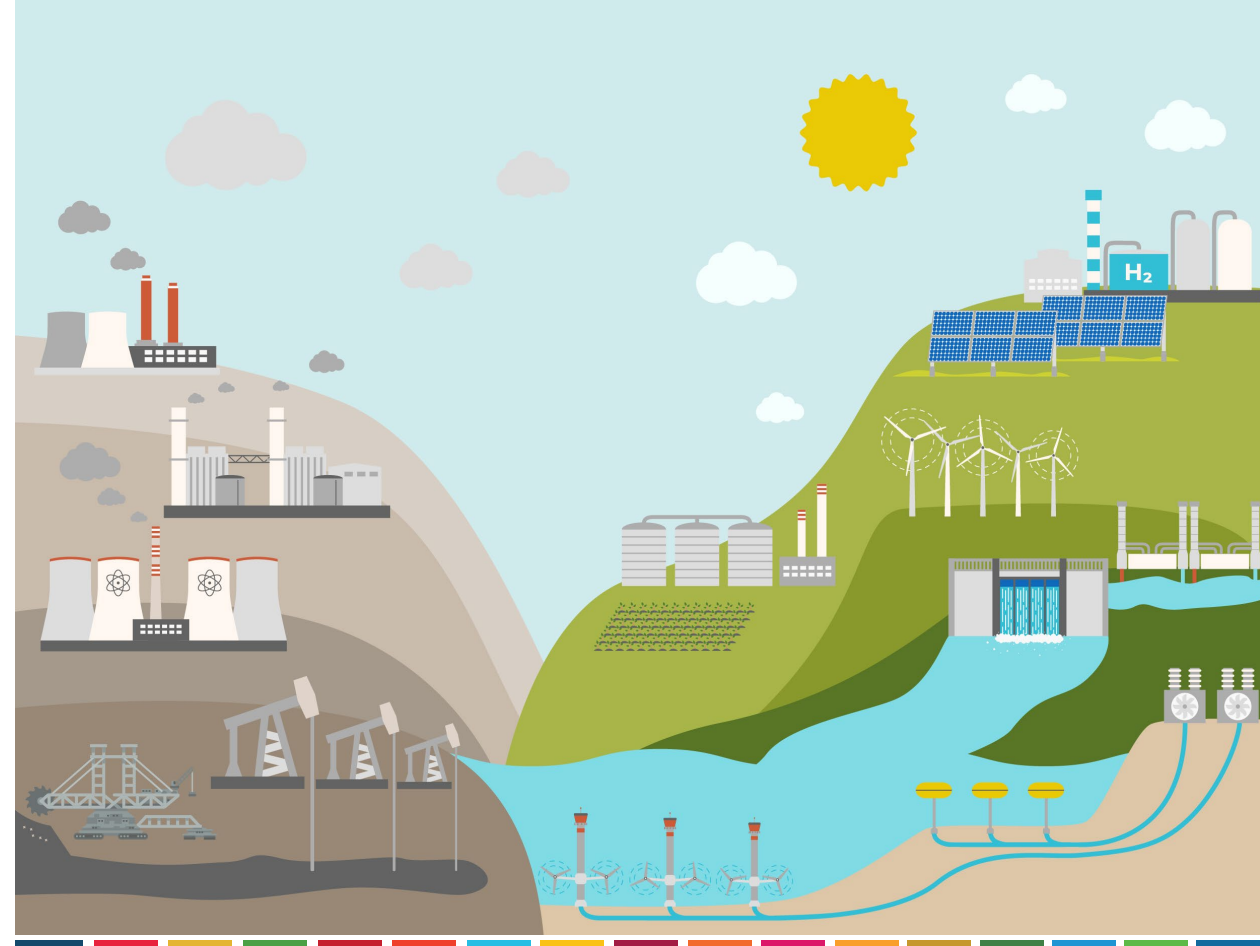
You can contact us
at
cmm.energy@un.org
giamberardini@un.org

Thank you!

Chiara Giamberardini
Secretary, Group of Experts on
Coal Mine Methane and Just Transition

UNECE

THE VIEWS EXPRESSED ARE THOSE OF THE AUTHOR AND DO NOT
NECESSARILY REFLECT THE VIEWS OF THE UNITED NATIONS.



**European Coal in Transition:
rising like a phoenix**

8 MAY 2024



UNECE