

SMRs for Replacing Coal: Opportunities and Challenges for Small Modular Reactors

WEBINAR

12 November 2025

15:00-16:10

REGISTER

Many countries are working to phase out coal while keeping energy systems reliable and affordable. Small modular reactors (SMRs) could offer a practical path forward — potentially leveraging existing coal sites, workers, and infrastructure to provide stable, low-carbon power.

This webinar follows the launch of the NEA report [*SMRs for Replacing Coal: Opportunities and Challenges for Small Modular Reactors*](#). The report explores how SMRs can help regions with coal plant sites transition to low-carbon energy, the technical and economic challenges involved, and the policies needed to make it happen. Join energy experts as they discuss where SMR-to-coal replacement makes the most sense, what barriers remain, and how international collaboration can support the transition.

Programme

15:00 Opening remarks and welcome

- **Diane Cameron**, Head of Division of Nuclear Technology Development and Economics, NEA

15:10 Report introduction

- **Jordan Cox**, Data Analyst, Division of Nuclear Technology Development and Economics, NEA

15:30 Presentation: Lucid Catalyst coal to nuclear initiative

- **Antonio Vaya Soler**, Manager, Lucid Catalyst

15:45 Presentation: The case for India in coal to nuclear transitions

- **Dr Rahul Tongia**, FNAE India

15:55 Q&A session

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