

## 67th IAEA General Conference

### Challenges in and Implications of Low Carbon Transitions: The Contribution of Nuclear Energy

Espresso event during the 67th IAEA General Conference  
28th September 2023, 14:00–15:00, Room M01, M Building, 1st Floor

This event will discuss the challenges and implications of low carbon transitions, including for very ambitious net zero targets. Starting from an analysis of recent energy transition scenarios to set the scene, the discussion will address the issues of system integration and costs, resource requirements and climate change resilience. IAEA analysis on the contribution of nuclear power to such transitions will be discussed in this context.

# Challenges in and Implications of Low Carbon Transitions: The Contribution of Nuclear Energy

Espace event during the 67th IAEA General Conference  
28th September 2023, 14:00–15:00, Room M01, M Building, 1st Floor

## Event Programme

**Opening remarks**

**Henri Paillere**

Head, Planning and Economic Studies  
Section, Department of Nuclear Energy

**Pathways for low carbon  
energy transitions: an analysis  
of recent scenarios**

**Hal Turton**

Planning and Economic Studies  
Section

**Low carbon energy systems:  
integration challenges and  
costs**

**Marco Cometto**

Planning and Economic Studies  
Section

**Resource challenges: land,  
water and materials**

**Hal Turton**

Planning and Economic Studies  
Section

**Climate resilience: ensuring  
secure and reliable energy  
transitions**

**Brianna Lazerwitz**

Planning and Economic Studies  
Section

**Q & A Session**