

## Government and Industry Exchange on Data Centres and Energy Efficiency

Joint IEA and Energy Efficiency Hub Webinar

**11 October 2023, 12:30 - 14:00 CET in Paris, France and online**

Demand for digital services is growing rapidly. Since 2010, the number of internet users worldwide has more than doubled, while global internet traffic has expanded 20-fold. The data centres and data transmission networks that underpin digitalisation have led to rising energy use. Rapid improvements in energy efficiency have helped limit energy demand growth from data centres and data transmission networks, which each account for about 1-1.5% of global electricity use. Nevertheless, strong government and industry efforts on energy efficiency, renewables procurement and RD&D will be essential to curb energy demand and emissions growth over the next decade. Moreover, to get on track with the Net Zero Scenario, emissions must drop by half by 2030.

The joint IEA and Energy Efficiency Hub workshop will bring together governments and the private sector to exchange on improving energy efficiency and curbing emission from data centres. Participants will consider policy actions and industry best practices for tackling energy consumption of data centres. The discussion is intended to reveal common views on challenges, opportunities and the roles of industry and government.

### Introduction from Luxembourg

*Jérémie Zeitoun, representative of Luxembourg to the Energy Efficiency Hub*

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### Keynote address

*Chris Adams, Executive Director, The Green Web Foundation*

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### Scene-setting presentation

*Brendan Reidenbach, Policy Analyst, IEA*

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### Lightning Round Presentations from government and industry

Moderated by *Vida Rozite, Digitalisation Programme Manager, IEA*

- *Fergus Sharkey, Head of Business Support and Transport, Sustainable Energy Authority of Ireland*
  - *Jake Oster, Director, Energy and Environment Policy, EMEA, Amazon Web Services*
  - *David Atkins, General Manager, Industrial and Buildings Energy Performance Branch, Australia's Department of Climate Change, Energy, the Environment and Water*
  - *Emma Fryer, Partner, Environmental Resource Management*
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### Discussion

Moderated by *Vida Rozite, Digitalisation Programme Manager, IEA*

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### Closing remarks

*Jérémie Zeitoun, representative of Luxembourg to the Energy Efficiency Hub and Brendan Reidenbach, Policy Analyst, IEA*

This event has been organised in conjunction with the IEA Digital Demand Driven Electricity Networks (3DEN) initiative supported by the Italian Ministry of Environment and Energy Security.