

## **Mobilizing Investment for Decarbonization: the new business and policy environments**

The world has begun to turn a corner. Growth in emissions globally is slowing, compared with earlier forecasts, and many important markets are seeing already absolute declines in emissions. Cost reductions for clean energy technologies have played a major role in this shift, as have major changes in the incentives affecting deployment of private capital. This talk will focus on the electric power sector—the key for any economy-wide deep decarbonization—and explore why investment into clean power is surging, along with unmet challenges such as power costs and growing concerns about reliability. It will show new data on total global and US clean energy finance and comment on where governments can have the biggest impacts on encouraging still more finance. While the world is seeing unprecedented levels of clean energy investment—perhaps about \$1.5t in 2024—those levels will need to roughly double to accelerate the reduction in emissions. Even under the most optimistic scenarios it is highly unlikely that total warming will stop at 2°C.