



**MISSION  
INNOVATION**

# **Working Together to Enhance Global RD&D Data**

Workshop 20<sup>th</sup> May 14:00-16:30 CET

International  
Energy Agency



# Introduction

Chair: Roberta Quadrelli, IEA

# Mechthild Wörsdörfer

Director, Sustainability, Technology and Outlooks  
International Energy Agency



# Jennie Dodson

Head of the Mission Innovation Secretariat



# Nick Johnstone

Chief Statistician

International Energy Agency

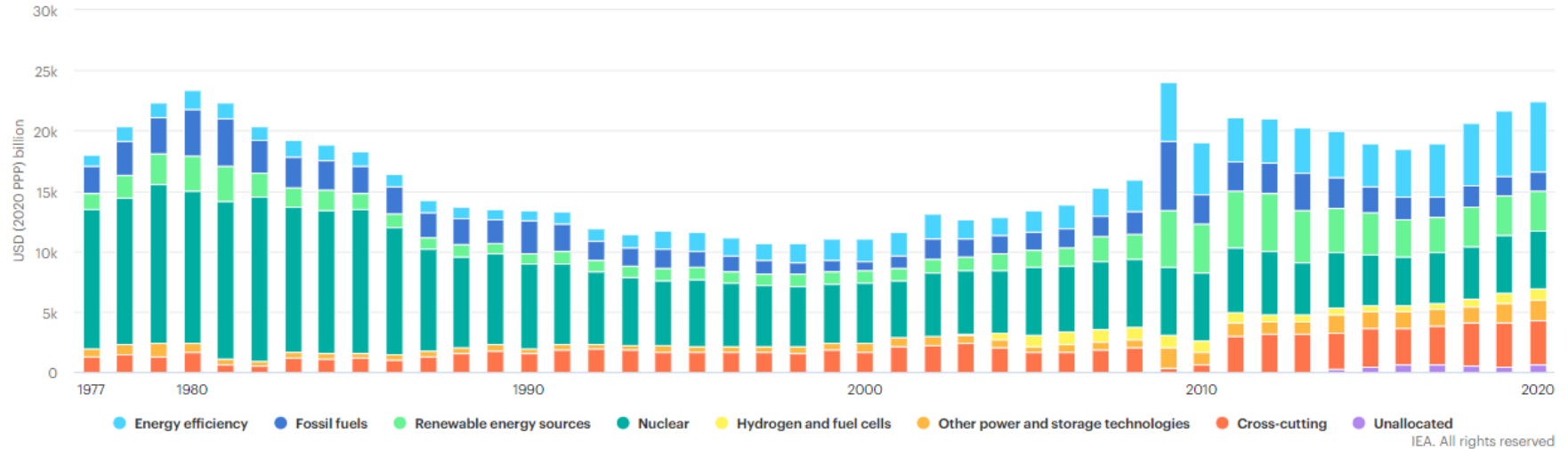




# Setting the scene – IEA Public RD&D Data

Nick Johnstone, Chief Statistician at IEA

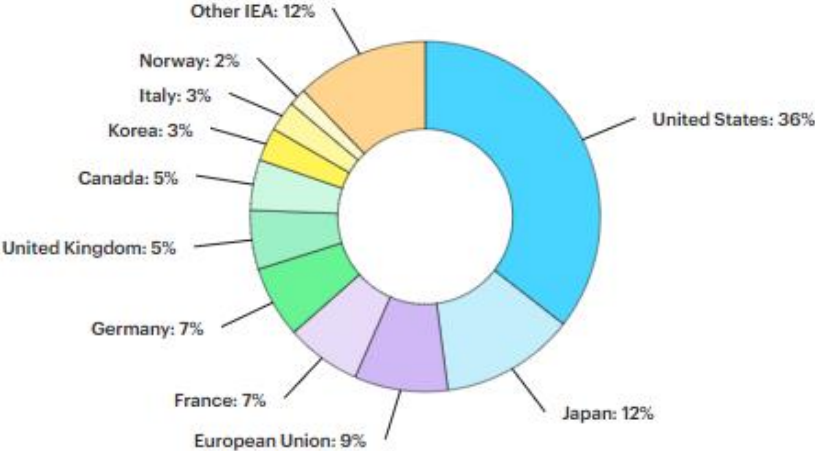
# Total public energy RD&D budget for IEA member countries



<https://www.iea.org/reports/energy-technology-rdd-budgets-overview/overview>

**The estimated total public energy RD&D budget for IEA member governments reached \$22.5 billion in 2020.**

billion USD (2020 PPP)

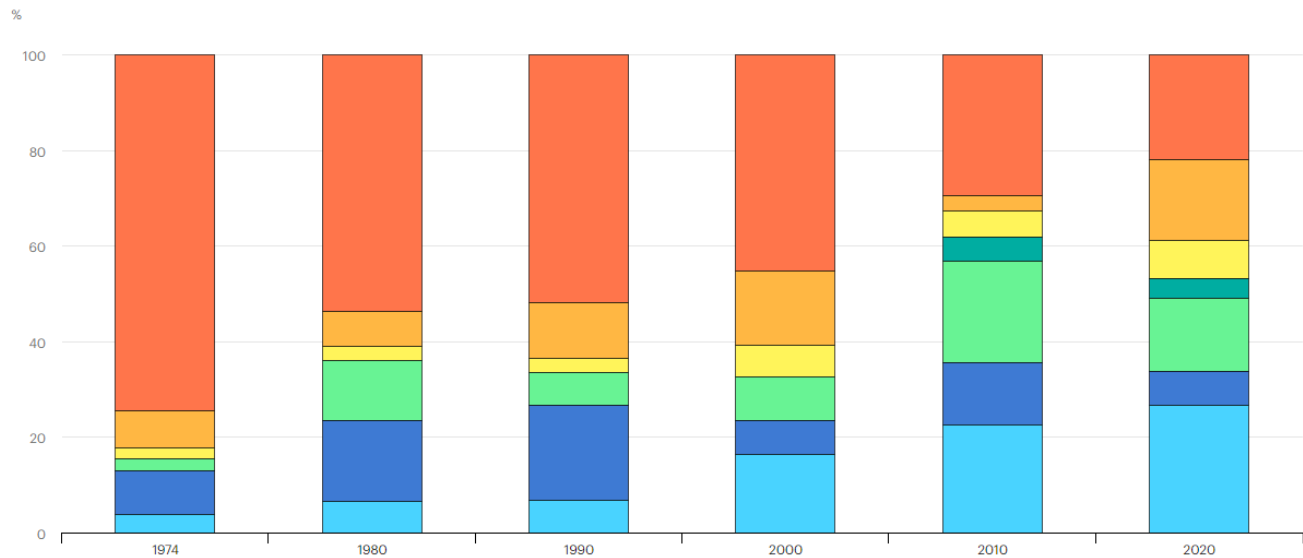


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**In PPP terms, the U.S. and Japan spent the most on energy RD&D among IEA members, followed by the European Union, France, Germany, the United Kingdom, Canada, Korea, Italy and Norway.**



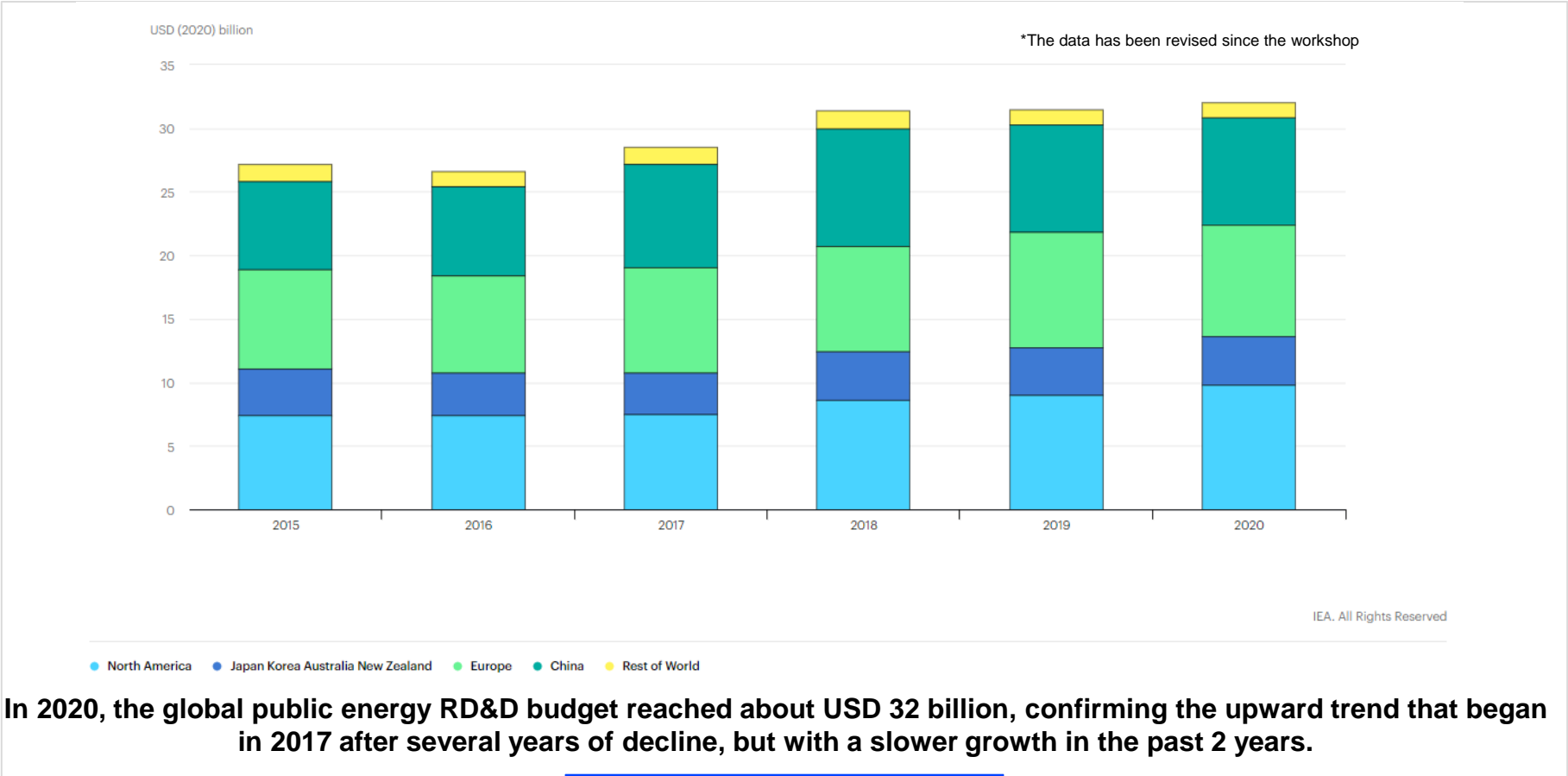
# Evolution of IEA total public energy RD&D by technology, 1974-2020



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Over the past 40 years, investment from IEA member countries in energy RD&D has diversified

# Global public energy RD&D budget, 2015-2020



- ***Exchange practices*** to improve tracking of energy technology RD&D budget data across IEA members and beyond
- ***Increase collaboration between countries*** with different data collection approaches
- Demonstrate ***how challenges in data collection can be overcome*** in an efficient manner

# Session 1

Collecting RD&D data: what does it mean?

Chair: Domenico Lattanzio, IEA

# Session 2

On the path to establishing an RD&D data collection system

Chair: Domenico Lattanzio, IEA

# Coffee Break

# Session 3

Enhancing RD&D data to increase policy relevance

Chair: Suzy Leprince, IEA

# Session 4

Panel discussion - How does policy benefit from good data?

Chair: Simon Bennett, IEA





**CEM12/MI-6**  
CHILE 2021

# Tracking Clean Energy Innovation Progress: Increasing the Efficiency of R&D Policies through Data and Analyses

Panel

May 26th, h 12.00-13.30 GMT



