

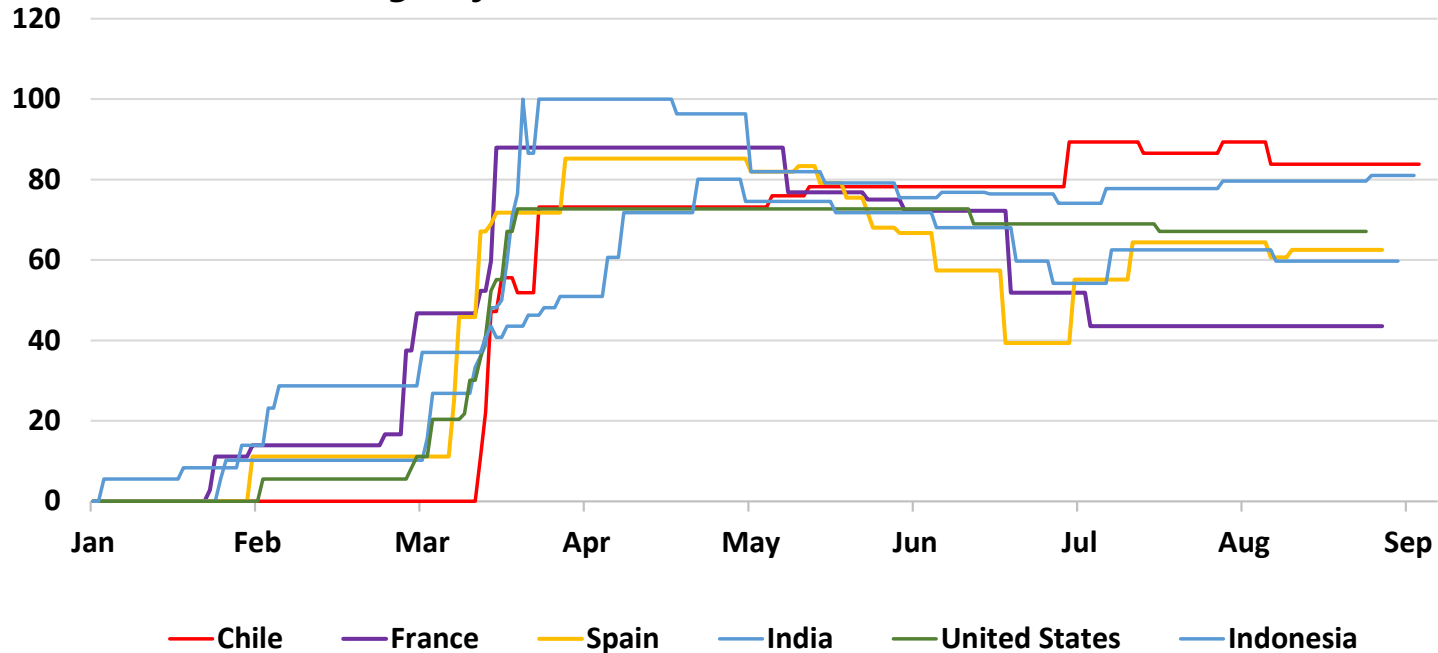


International cooperation on energy efficiency and sustainable recovery

Dr Brian Motherway, Head of Energy Efficiency Division, IEA

A world in lockdown

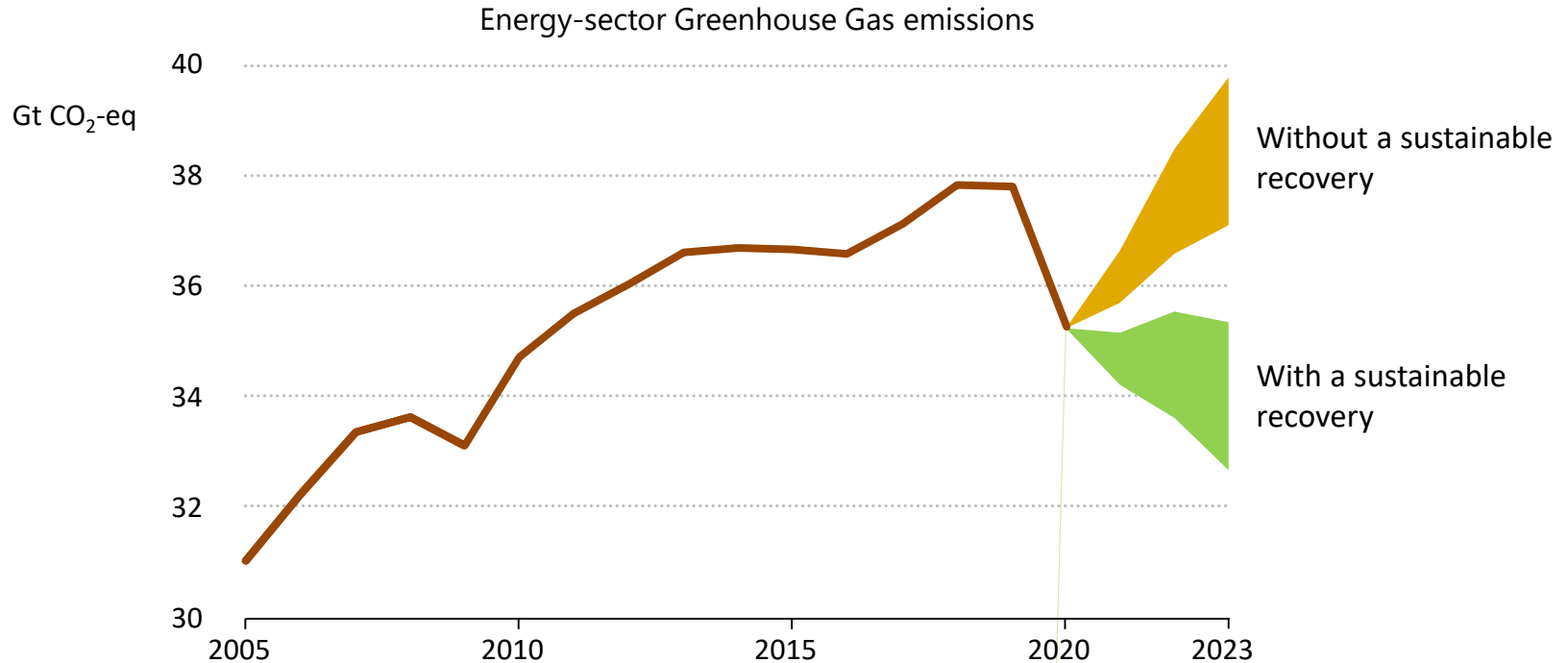
Stringency index of containment measures, 2020



Source: Oxford Blavatnik School of Government

Stringency of containment measures is increasing again in several countries and cities.

Plotting a sustainable recovery



The Sustainable Recovery Plan would reduce GHG emissions by 4.5 billion tonnes and putting them on a path towards achieving long-term climate goals, including the Paris Agreement.

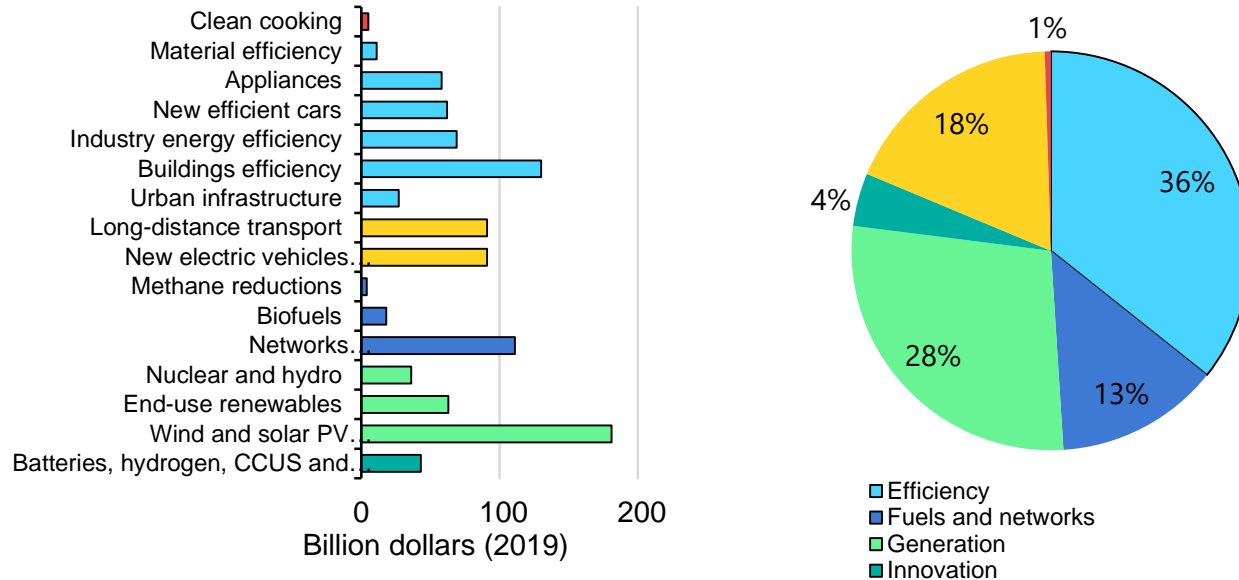
IEA plan for a Sustainable Recovery



The IEA Sustainable Recovery Plan provides an integrated approach to support economic recovery and jobs while improving the resilience & sustainability of the energy system.

Energy efficiency is a key element of a sustainable recovery

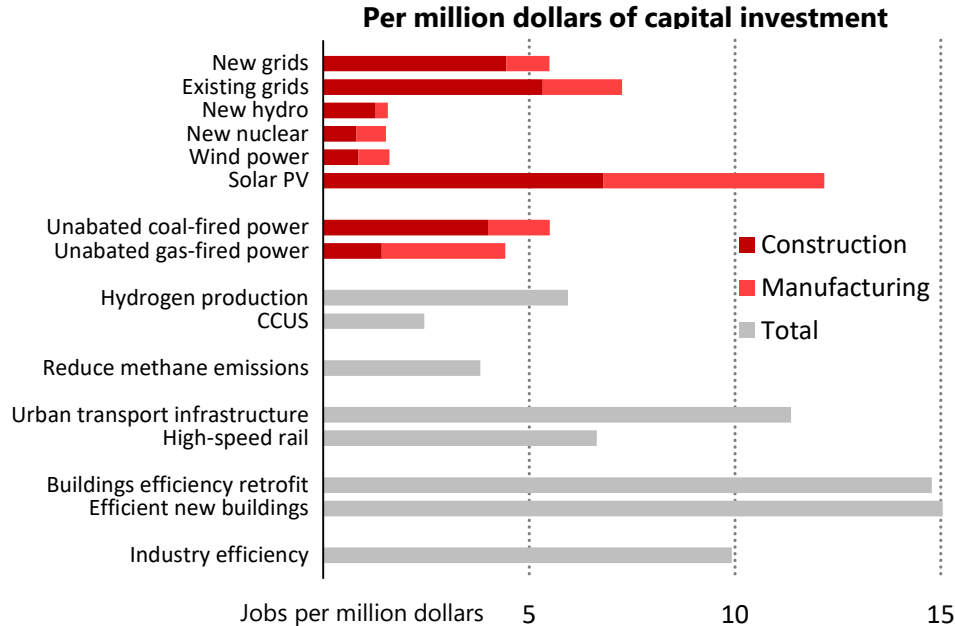
Average annual spending by category and measure (left), share of SRP investment by category (right)



Energy efficiency measures comprise around 40% of the USD 1 trillion on average over each of the next three years to support a sustainable recovery

Energy efficiency is a job-creating machine

Jobs created per million dollars of capital investment



Buildings energy efficiency is the largest job creator, the jobs are mainly local and they lock in savings for decades to come

IEA providing insights on energy efficiency and sustainable recovery

Commentary

Energy efficiency can boost economies quickly, with long-lasting benefits



By Brian Motherway and Michael Oppermann
8 April 2020

Article

Paving the way to recovery with utility-funded energy efficiency

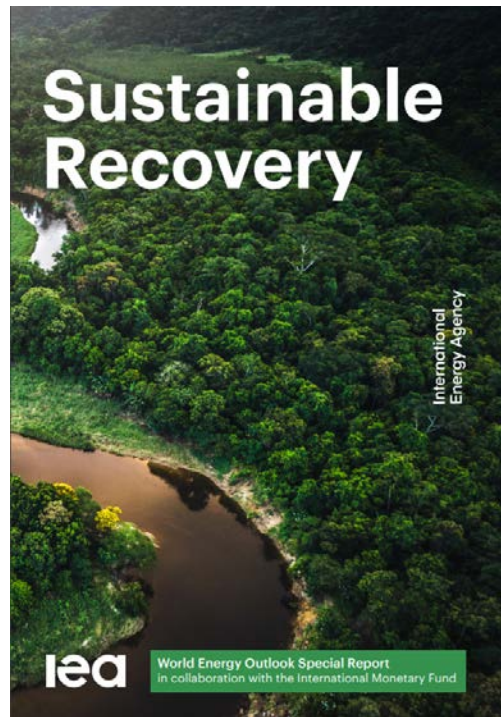
21 August 2020

Commentary

How appliances have supported a world in lockdown and what this means for energy efficiency



By Mafalda Silva and Kevin Lane
20 July 2020



<https://www.iea.org/topics/covid-19>

Commentary

Energy efficiency can again play a significant role in China's economic recovery



By Brian Motherway and Jihyun Selena Lee
31 July 2020

Article

Changes in transport behaviour during the Covid-19 crisis

What can we learn from the lessons of the past

27 May 2020

Commentary

As the Covid-19 crisis hammers the auto industry, electric cars remain a bright spot



By Timur Gül, Marine Gerner and Leonardo Paoli
18 May 2020

Global Commission for Urgent Action on Energy Efficiency



Established in 2019, the Commission is an independent body comprising 23 members, including national leaders, ministers, top business executives and global thought leaders.

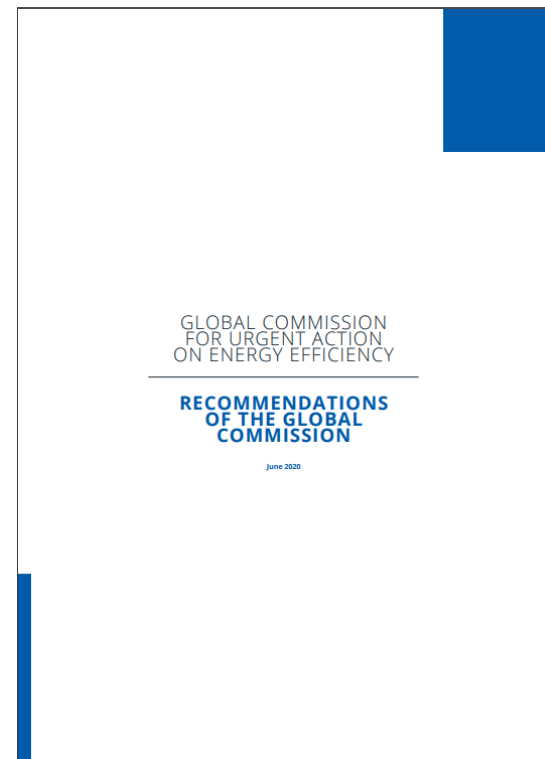
A high-level, interactive process of global engagement

- Dynamic discussions about how to accelerate progress on energy efficiency.
- Highlights the role of energy efficiency for sustainable recovery
- Four main themes emerged:
 - Action to build scale quickly
 - Governance and implementation
 - People and narratives
 - Learning from global best practice



Recommendations at a glance

1. Prioritise cross-cutting energy efficiency action for its economic, social and environmental benefits
2. Act to unlock efficiency's job creation potential
3. Create greater demand for energy efficiency solutions
4. Focus on finance in the wider context of scaling up action
5. Leverage digital innovation to enhance system-wide efficiency
6. The public sector should lead by example
7. Engage all parts of society
8. Leverage behavioural insights for more effective policy
9. Strengthen international collaboration
10. Raise global energy efficiency ambition



Launch of recommendations and next steps

- The recommendations were a key part of IEA's 5th Annual Global Conference on Energy Efficiency.
- 40 high-level speakers joined the conference and many of them referred to the importance of Commission's recommendations.
- Continue to support the Commission in disseminating its key recommendations



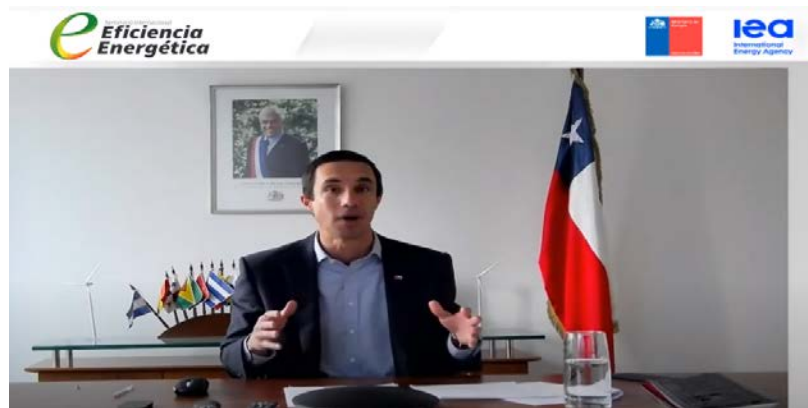
Supporting governments on Global Commission recommendations and Sustainable Recovery

• Asia

- Economic recovery webinar with ASEAN, China and India
- Report on energy efficiency measures for a sustainable economic recovery in India
- Collaborate on developing energy efficiency policy recommendations for China

• Latin America

- Webinar series on Energy efficiency in a time of Covid-19
- IEA-Chile conference on 'Energy Efficiency – An Ace up the sleeve for energy transitions'



Energy Efficiency Hub

- Created in late 2019, the **Hub is a platform for global collaboration on energy efficiency.**
 - Foster collaboration and synergies to enhance energy efficiency work globally
 - Support co-ordination and the sharing of information, best practices and research between countries, international organisations and the private sector to promote cohesion of work across energy efficiency
 - Provide greater visibility and a stronger presence on the international stage
- The Hub now has 16 members, 14 of which are also G20 countries
- Currently, the Hub members are discussing its work programme to foster exchange and collaboration on key energy efficiency topics

IEA Energy Efficiency Programmes



- Tracking global energy efficiency trends
- Country and/or regional specific analysis

- Capacity building training and courses
- Knowledge sharing workshops

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