

G20 Energy end-use data and energy efficiency metrics

Second workshop, 22 February 2018, Buenos Aires

MINEM- IEA - ADEME

Summary

Thanks to the Argentinian Ministry of Energy and Mines (MINEM), great emphasis has been given to energy efficiency data, as the second workshop of the G20 end-use data and energy efficiency metrics was hosted during the February G20 events, where the G20 Energy Transitions Working Group also discussed a paper on data transparency and digitalization.

At the workshop, G20 countries confirmed their strong interest in a knowledge-exchange platform around end-use energy data and energy efficiency metrics, with the overall objective of enhancing data for energy efficiency policy. Ten countries contributed to the workshop: Argentina, France, Mexico, the UK, Brazil, Germany, Italy; plus China, Korea and the United States – the latter sharing presentations despite not being able to physically attend. In addition, three international organisations (IEA, IPEEC, OLADE) took part in the discussion sharing their experience and the need for synergies in the follow-up.

The interest from major players from across the world proved that this multilateral initiative on data has a great potential to strengthen data knowledge across leading countries, despite their differing energy demand patterns and trends. G20 countries agreed in 2017 the Terms of References for this initiative, led by France with support from IEA, as a follow-up of the discussion held at the first workshop. The ToR highlighted the benefits of knowledge-sharing, identifying priority areas and possible deliverables for the initiative in the longer-term – which may include establishing a common framework for data and indicators.

Participants presented recent updates in the end-use data collection and metrics work and shared their views on typical areas where information exchange would be beneficial, such as: data gaps identification; methodologies for end-use data collection; potential of emerging technologies for end-use data gathering; methodologies for energy efficiency indicators.

The workshop also discussed how enhanced regional collaboration involving G20 countries and beyond, such as that through ECLAC and OLADE in Latin America, would be beneficial to the advancement of end-use data, globally.