



Workshop on Resource Efficiency Measuring & Monitoring *23 September 2021*

The second day explored possible metrics for measuring resource efficiency at a national level followed by exploration of the potential to use resource efficiency to achieve climate mitigation goals and how reporting and measuring could be used to support such action.

The key points that emerged from joint discussions by G7 and G20 partners included:

- The benefits of developing a framework of indicators, including based on the Sustainable Development Goal (SDG) metrics, to give insight into wider benefits of resource efficiency, as well as to support waste management and material flows, were discussed.
- Developing and filling gaps in waste and material flow statistics and common definitions were identified as foundational for effective action on resource efficiency.
- Recognised of the significant opportunity for countries to learn from one another in guiding where, and how, to focus efforts to improve measurement, particularly in growing areas of interest such as the circular economy. Guidance to the private sector relating to tracking comparable and meaningful reporting metrics was highlighted.
- Input-output approaches to produce consumption-based material flow measures were recognised as valuable for giving insight into the link between resource efficiency and carbon emissions.
- The potential for resource efficiency and improved waste management to reduce territorial and consumption emissions was discussed. Countries flagged difficulties of doing so within established emissions accounting frameworks.
- Measuring resource usage and circular economy strategies, for example recycling policies with regard to carbon reduction, was identified as vital to enable policymakers to leverage circular economy strategies for climate mitigation purposes.
- Developing reporting protocols to support measurements with regard to greenhouse gas emissions was recognised as important, including looking at full lifecycle benefits of resource efficiency solutions.