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## G20 Energy End-Use Data and Energy Efficiency Metrics initiative

Fourth workshop: 29 October 2020, 12:00-15:00 CET (Paris)

*“Rethinking end use data collection in the light of the global health crisis”*

Online workshop

### Agenda

12:00 – 12:20 **Opening session – Introductions**

Welcome address by leaders of initiative and host

IEA – Nick Johnstone, IEA Chief Statistician

France – ADEME, Valérie Quiniou, Executive Director of evaluation and forecasting direction

Canada - NRCAN, Bob Blain, Senior Manager, Office of Energy Efficiency

Group photo

12:20 – 13:45 **Session 1 – The impact of the global health crisis on end-use data collection**

What impact has the global health crisis had on energy end use data collection?

Are there new data needs, including for the assessment of recovery plans?

What can be done to increase data timeliness?

*Presentations and discussion*

Canada – NRCAN, Monika Forgo – *Energy Use in the Commercial/Institutional Building Sector in Canada*

Italy – MISE, Giovanni Perrella – *Weekly Electricity Consumption Index for the monitoring of the main Industrial sectors in Italy*

KAPSARC, Amar Amarnath – *Rethinking data collection amid Covid19 crisis*

India – BEE, Arijit Sengupta – *Overview from BEE: data and impacts from Covid19*

France – ADEME, Didier Bosseboeuf - *Implementation of early estimates of detailed energy consumption data by sub-sector and end-use: the European experience with Odyssee*

13:45 – 14:30 **Session 2 – Deep-dive into the services sector**

*Sub-sectors particularly hit: Food and accommodation, health, education...*

Why is data on services important for energy efficiency?

What is the status of data and metrics developed across G20 countries for services?

What else can be done?

*Presentations and discussion*

Germany – Fraunhofer Institute, Barbara Schломann – *Surveys on energy consumption in the service sector – the German approach of data collection*

Brazil – EPE, Felipe Soares – *Brazil data collection for services*

USA – EIA, Ian Mead – *Data collection and efficiency metrics for the services sector: Commercial Buildings Energy Consumption Survey (CBECS)*

Indonesia – Pusdatin, Agus Cahyono Adi – *Evaluation of End Use Electricity Data*

Canada – NRCAN, Peter Greenberg – *The Survey of Commercial and Institutional Energy Use (SCIEU 2019)*



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14:30 – 14:50

### Session 3 – Wrap-up and ways forward

How can we improve end use data to better respond to policy needs, given crisis context?

What practices of end use data collection and estimation can be applicable/ useful in your country?

What opportunities and challenges have you identified?

How do you see the role of new technologies?

*Introductory remarks*

IEA - Brian Motherway, Head of Energy Efficiency

*Roundtable: G20 countries views*

14:50 – 15:00

### Closing remarks

Canada – NRCAN, Bob Blain, Senior Manager, Office of Energy Efficiency

France – ADEME, Didier Bosseboeuf, Coordinator of international economic studies

IEA – Energy data centre, Nick Johnstone, IEA Chief Statistician