



# Energy Efficiency Training Week

## Indicators and Evaluation

---

Session 8: Key messages and actions

Charles Michaelis and Mafalda Silva

Paris, 23 May 2019

 IEA #energyefficientworld

- Embed indicators and evaluation in policy/programme/policy management
- Develop a theory of change
- Consider who pays, who benefits and impact on women, minorities and disadvantaged groups
- Energy balance is the first tool for informing policies
- Changes in energy use may result from different drivers (activity, structure, efficiency)
- Detailed indicators are necessary to understand energy efficiency
- Need to consider construct validity and external validity
- 4 main types of data collection methods: administrative sources, surveys, metering/measuring and modelling
- New/digital technologies may have an important contribution for data collection in the future – challenges remain
- Choose the best approach to establishing causation; consider random control trial, statistical analysis and contribution analysis



[www.iea.org](http://www.iea.org)



IEA #energyefficientworld