



***Energy Efficiency:
Past Developments & Future Potential***

Background and Overview for Day One

**EEWP Expert Workshop
IEA, Paris
26-27 April 2004**



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IEA Energy Indicator Project

- Part of IEA POW since 1996
- Motivation: Need for a tool to assess energy use developments in more detail (efficiency & drivers)



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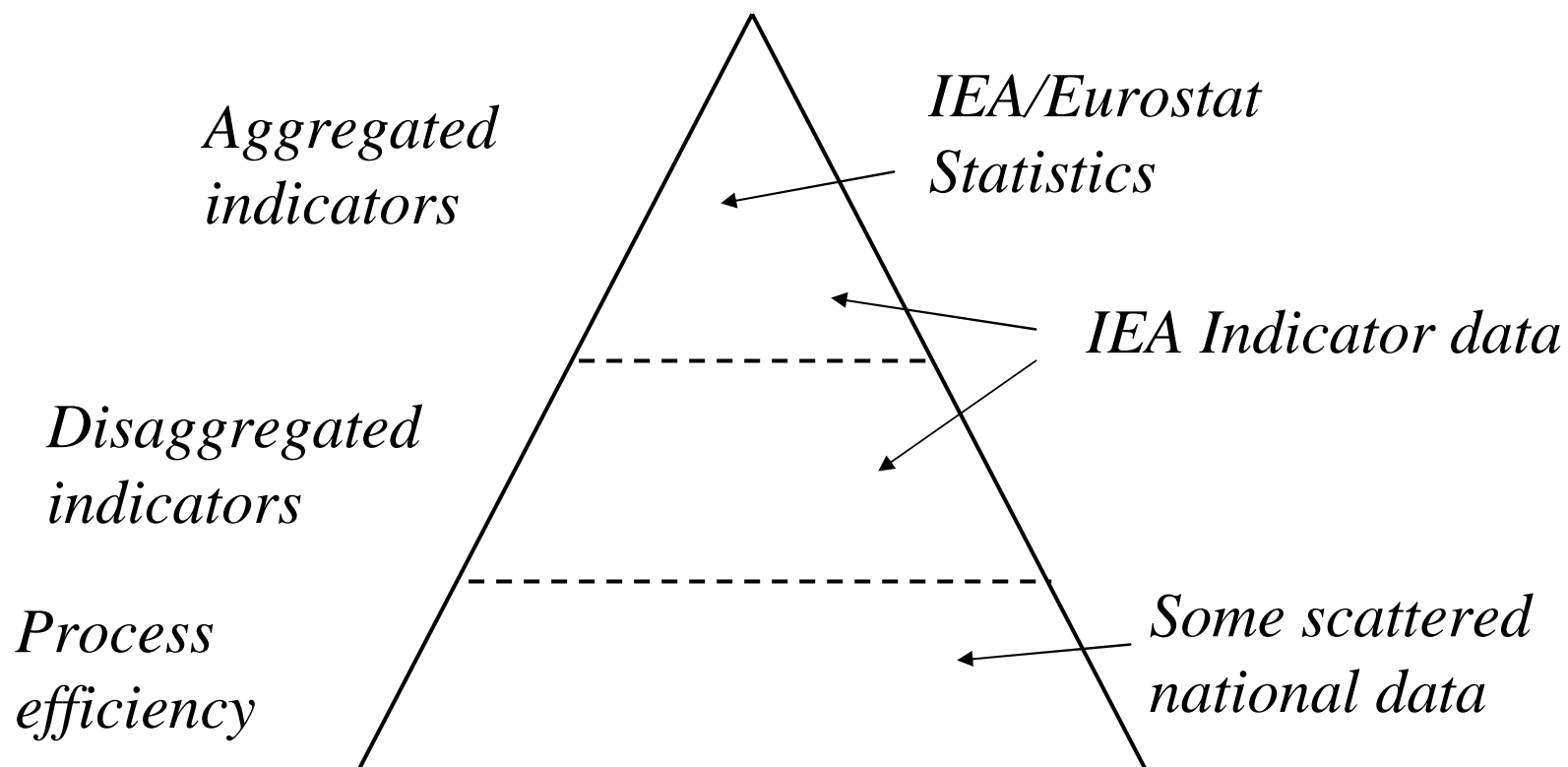
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- => Establish a database with end-use data detailed enough to allow for policy analysis in as many IEA countries as possible*



Matching Analysis and Data

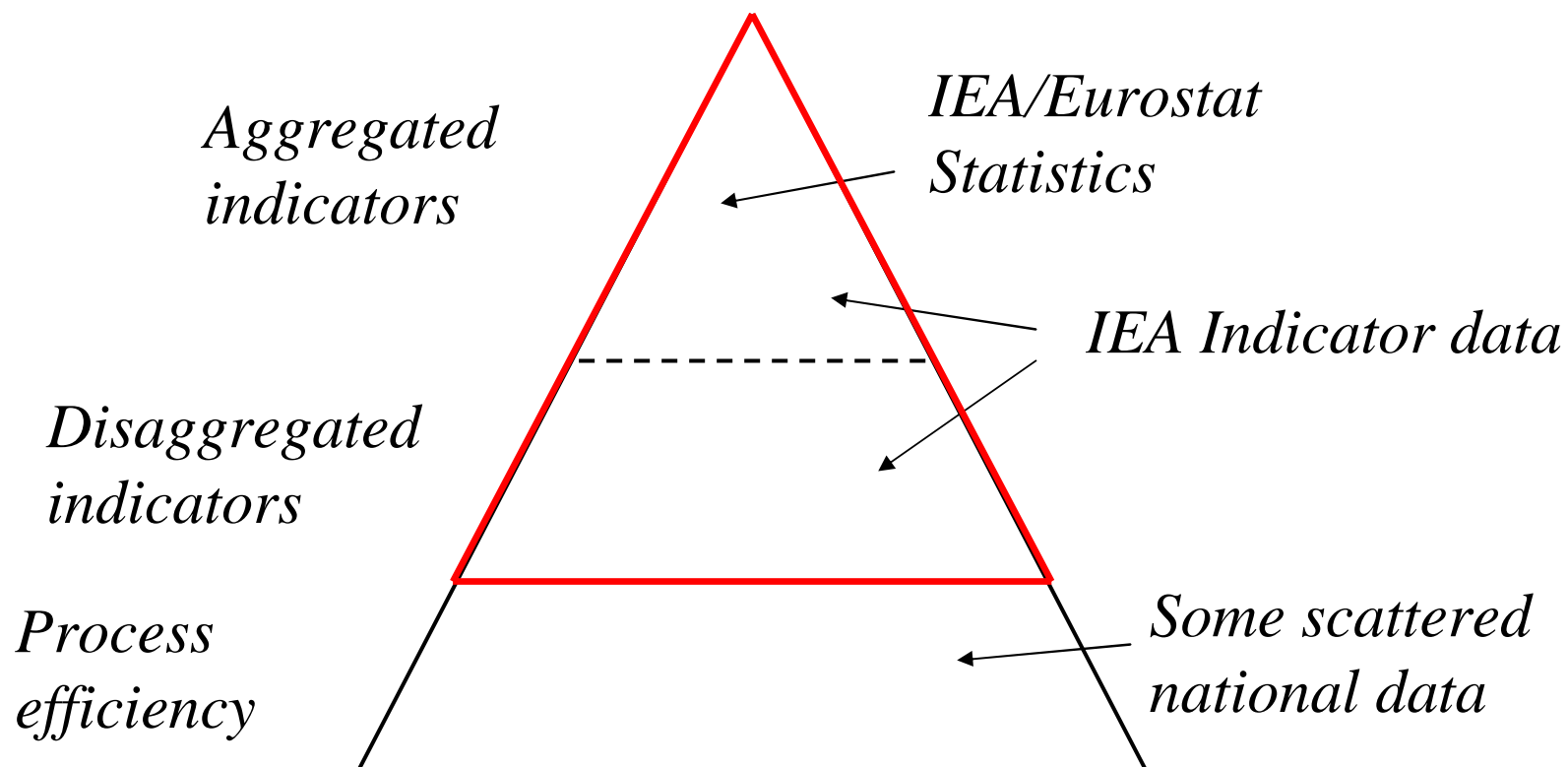
The Indicator Pyramid





Matching Analysis and Data

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IEA Energy Indicator Project Achievements

- **First version of database completed**
- **«30 Years» publication**
- **Country studies (NL, CAN, AUS, NZ, NOR)**
- **Assessment of climate policy and measures**
- **Expansion to non-OECD countries:**
 - ◆ **India, Energy Charter (PEEREA)**
- **Assessment of Sustainable Development**
 - ◆ **OECD, IAEA, UN-DESA, EEA, Eurostat**
- **Provide basis for energy demand side modeling**
 - ◆ **WEO Alternative Policy Scenario**
 - ◆ **Energy Technology Perspective Project**



Overview Day One

- **Session 1: Past developments and drivers of change**
- **Session 2: Sectoral Analyses**
- **Session 3: How to measure progress?**
- **Discussion:**
 - ◆ **How can this work best contribute to energy efficiency policy analysis in member countries and within the IEA?**
 - ◆ **What are the limitations from data availability and quality and from the resources available for such work both nationally and internationally?**