Energy Efficiency

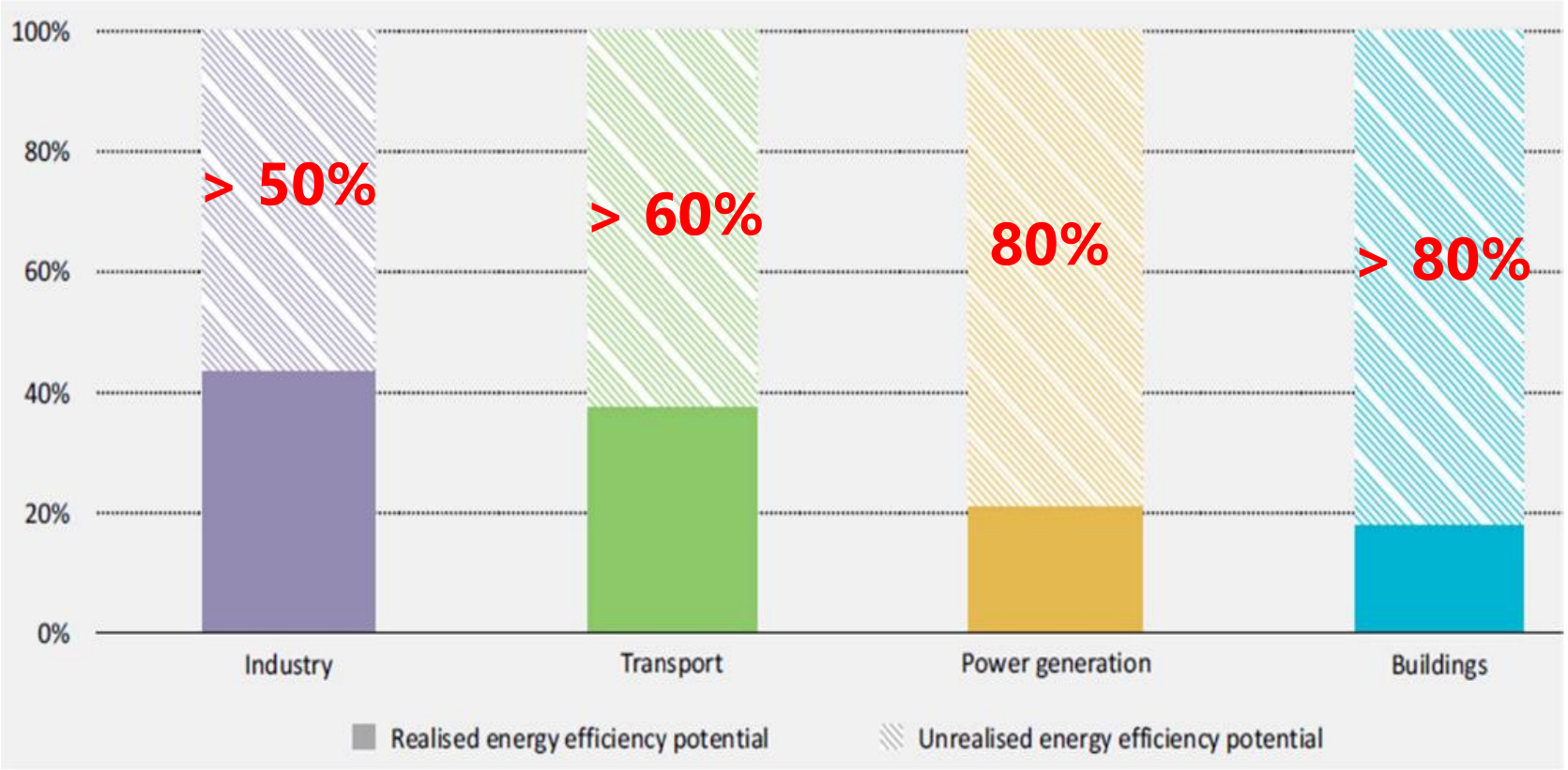
Ana Lepure

Mexico City, September 25th, 2018

IEA

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Long-term energy efficiency economic potential by sector



Source: IEA 2014. Capturing the Multiple Benefits of Energy Efficiency

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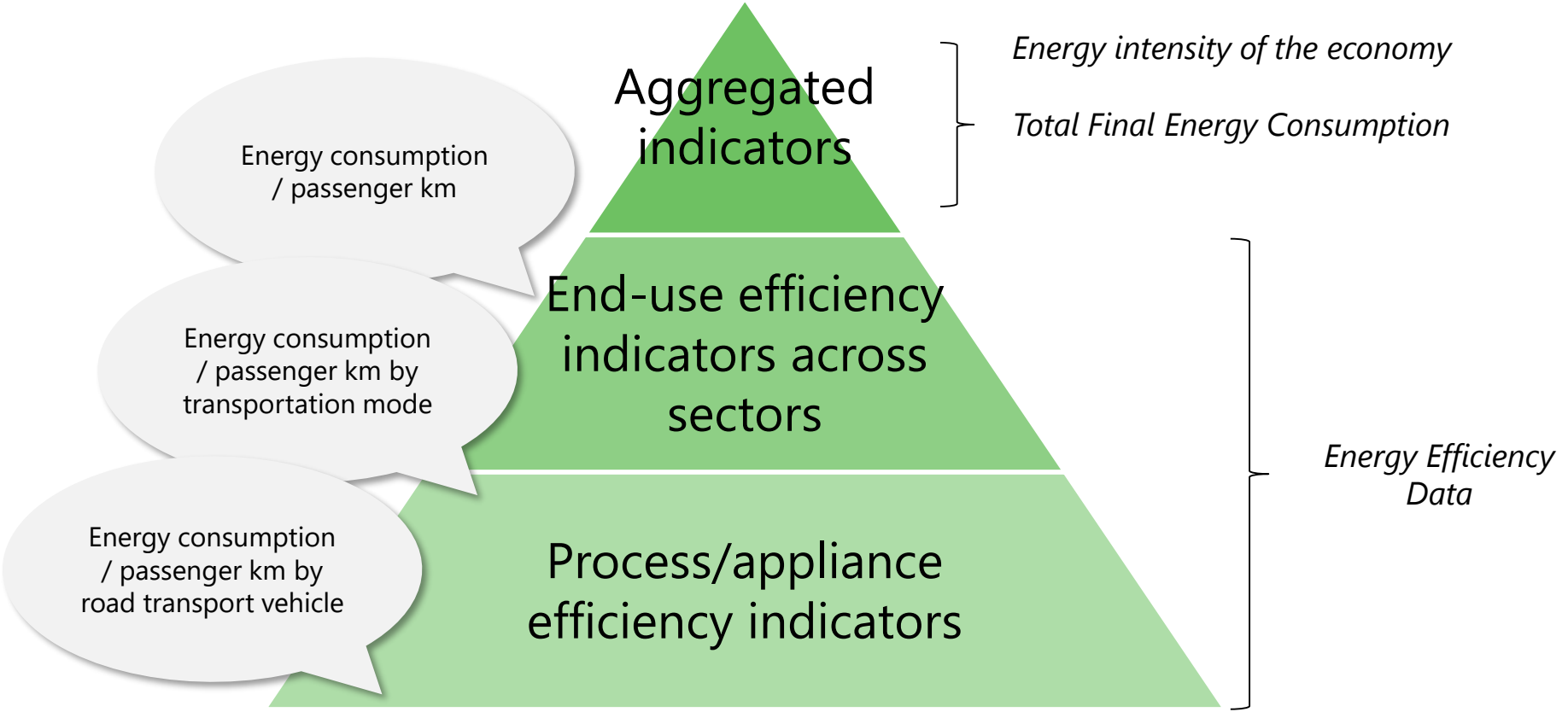
What is Energy efficiency?

- **Consume LESS energy to provide SAME service**

- **Consume SAME energy to provide MORE service**

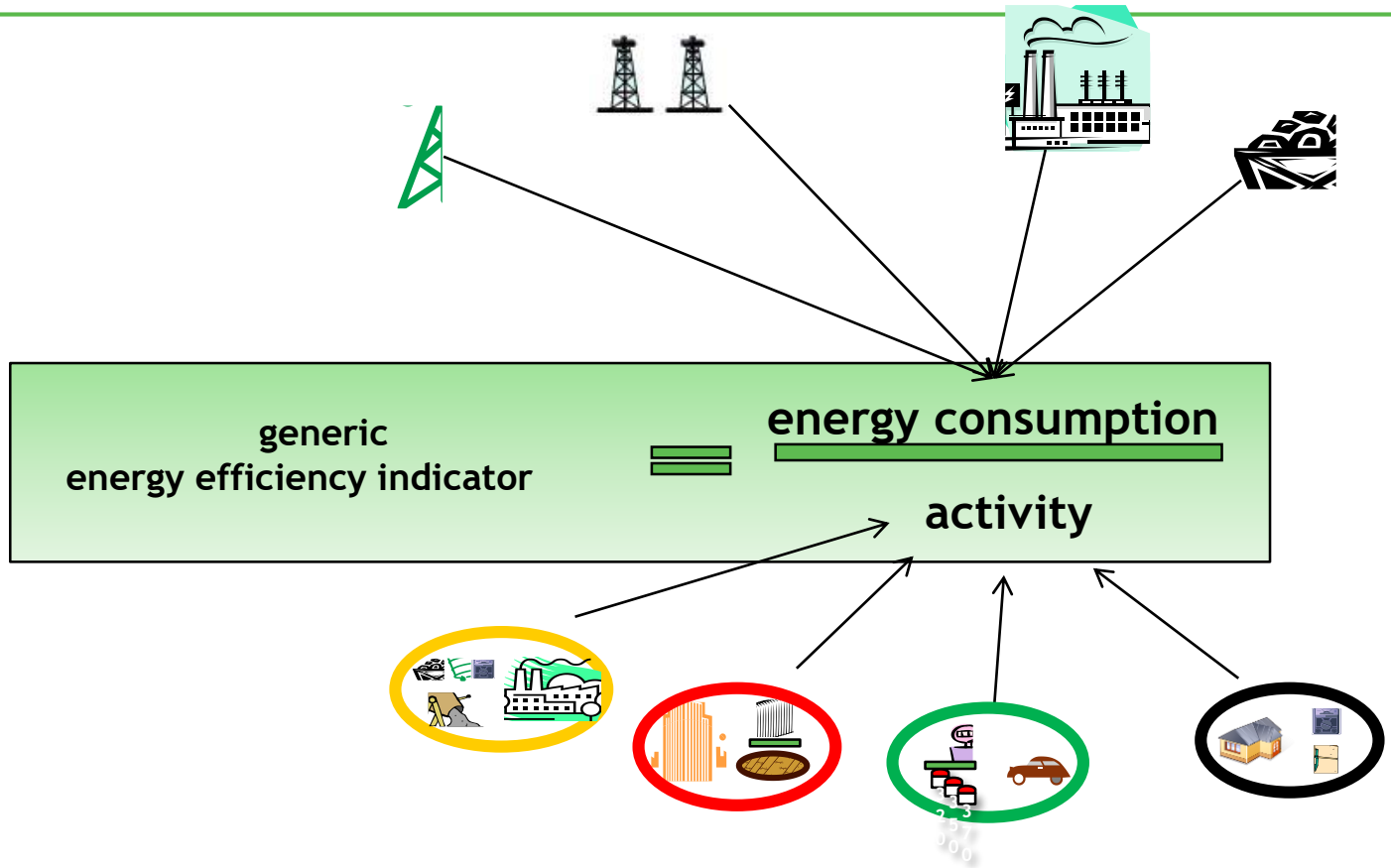
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IEA indicators “pyramid”



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Energy efficiency indicators



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Indicators for services and commerce sector

Aggregated

For each type of energy:

- Electricity
- Gas

For each end-use:

- Space heating*
- Space cooling*
- Lighting
- Other end-use

energy efficiency indicator = energy / activity

Value added ($)



Floor area (m²)



# of employees



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What is more energy efficient?



OR



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What is more energy efficient?



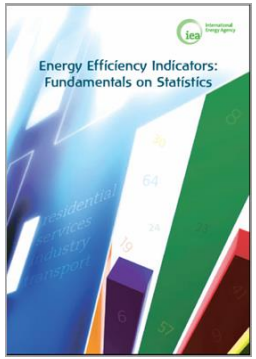
OR



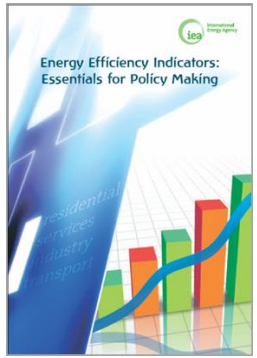
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Energy efficiency indicators

- **Indicadores de EE - Fundamentales en Estadística** *(Versión en Español)*
  - Guía sobre cómo recolectar información necesaria para la elaboración de indicadores
  - Prácticas existentes alrededor del mundo



- **Indicadores de EE - Esenciales para la formulación de políticas** *(Versión en Español)*
  - Guía para desarrollar e interpretar indicadores



- **Indicadores estadísticos sobre eficiencia energética: base de datos de prácticas nacionales** http://www.iea.org/eeindicatorsmanual

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