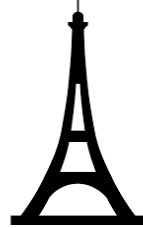


# Closing the EE knowledge gaps: An Introduction

Talat Munshi  
Senior Researcher  
UNEP DTU Partnership

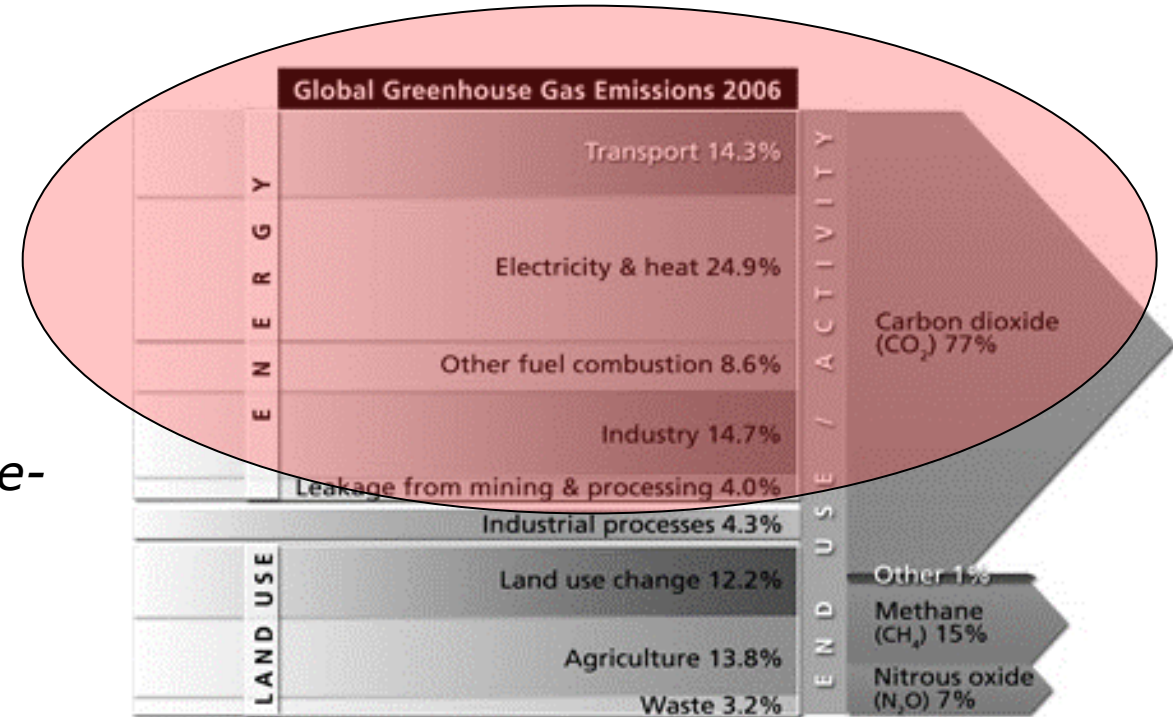
# Background



## PARIS AGREEMENT, Article 2 (a)



*"Holding the increase in the global average temperature to well below 2° C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5° C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change"*



source: <https://www.climatecommunication.org/change/energy-use/#!prettyPhoto/0/>

# Background

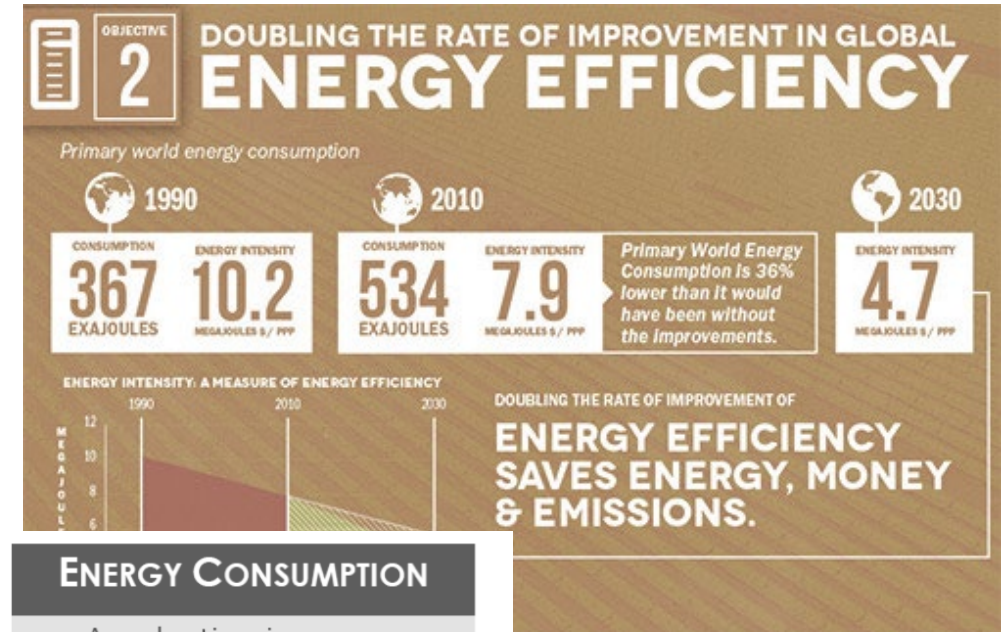
## Categories of energy efficiency target

<p><b>ENERGY INTENSITY</b> A reduction in energy consumption per unit of activity, such as GDP</p>	<p><b>+</b> A commonly used metric because data are usually available. Easy to understand <b>□</b> Achievement influenced by economic activity and structural change. Not always linked to energy use reduction</p>	<p><b>ENERGY PRODUCTIVITY</b> An increase in activity per unit of energy consumed</p>	<p><b>+</b> Resonates well with some stakeholders <b>□</b> Achievement influenced by economic activity and structural change. Not always linked to energy use reduction</p>
<p><b>ENERGY CONSUMPTION</b> A reduction in energy consumption relative to a base year, projection or benchmark</p>	<p><b>+</b> Aligned with environmental benefits of energy efficiency such as emissions reduction <b>□</b> Achievement influenced</p>	<p><b>ENERGY ELASTICITY</b> A reduction in the ratio of</p>	<p><b>+</b> Allows for target development in the absence of reliable, detailed data or forecasts <b>□</b> Not a commonly used</p>
<p><b>POLICY PROGRESS</b> An increase in the impact of energy efficiency policies</p>	<p><b>+</b></p>	<p><b>ENERGY INTENSITY</b> A reduction in energy consumption per unit of activity, such as GDP</p>	<p><b>ENERGY PRODUCTIVITY</b> An increase in activity per unit of energy consumed</p>

**ENERGY ELASTICITY**  
A reduction in the ratio of energy consumption growth to activity growth

**POLICY PROGRESS**  
An increase in the impact of energy efficiency policies

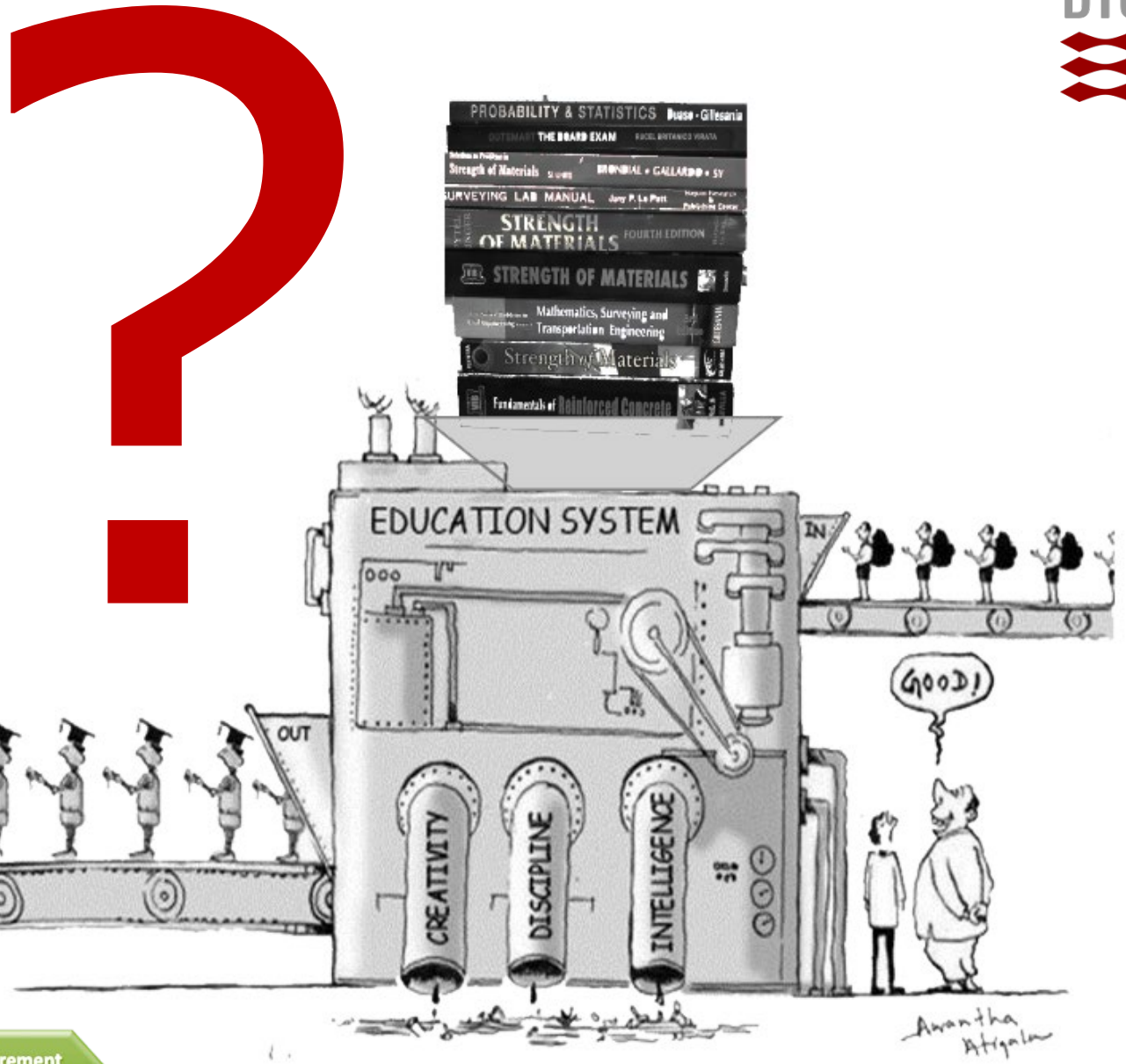
**TRANSACTIONAL**  
An increase in market penetration of energy efficient goods or services

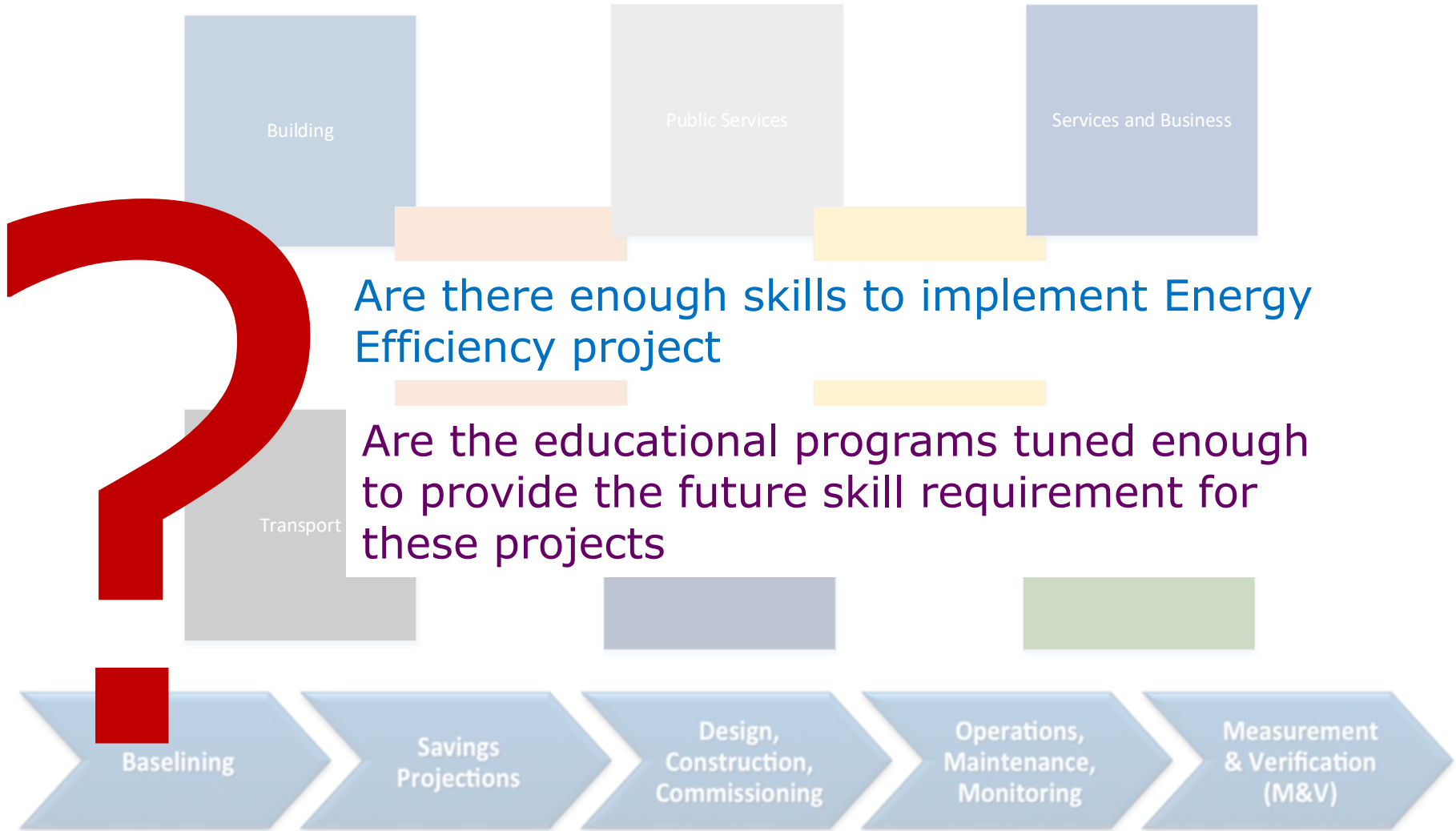




(iStock)

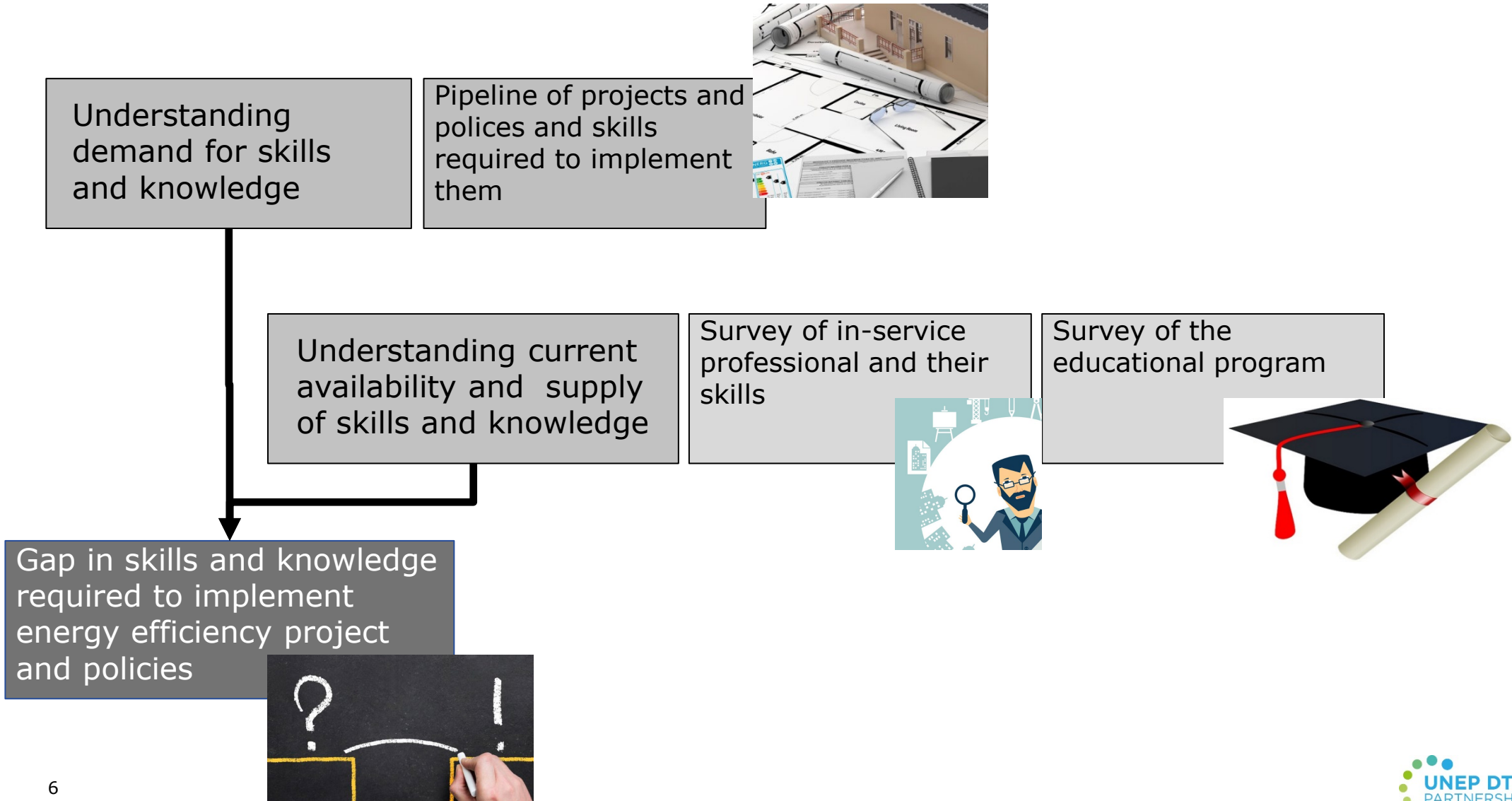
# Transition



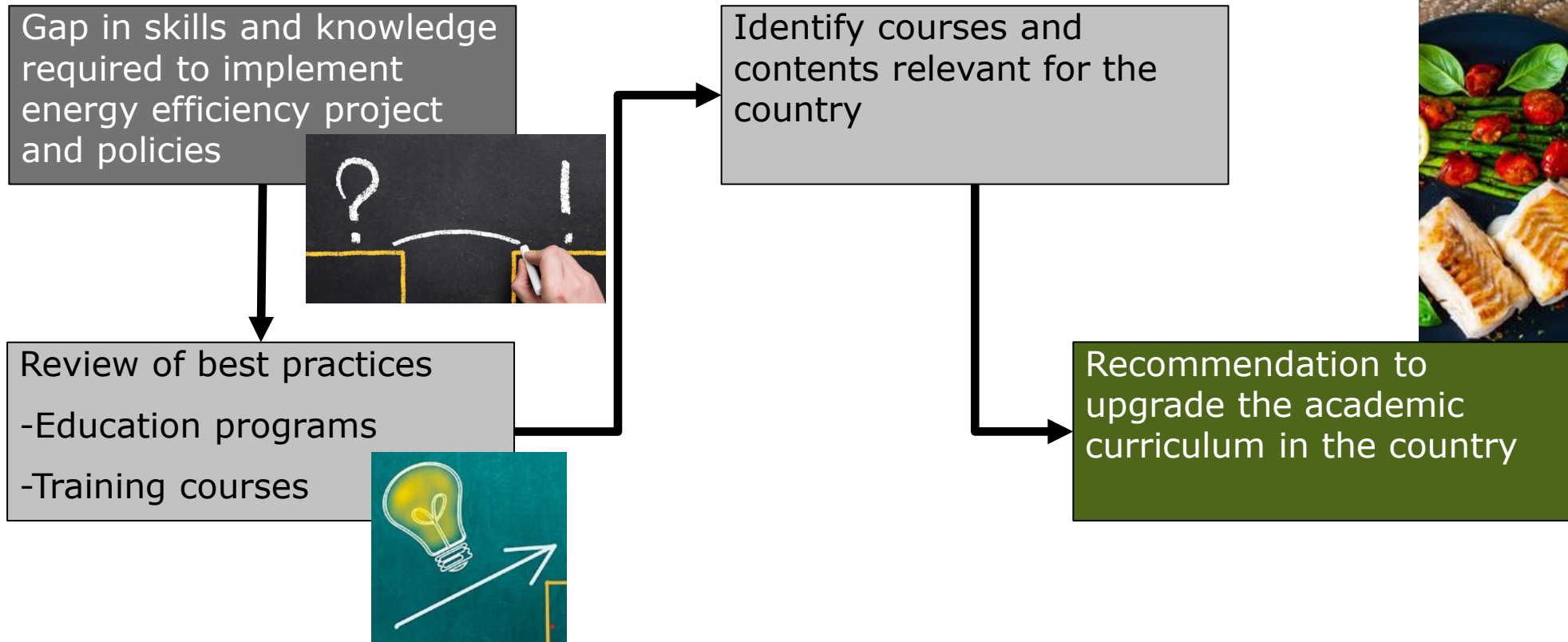


# Energy Efficiency Projects

# Skills and Knowledge Gaps in Energy Efficiency



# Bridging the knowledge gap



# Where

**Commercial and Manufacturing Sector**

**Argentina Buildings Sector**

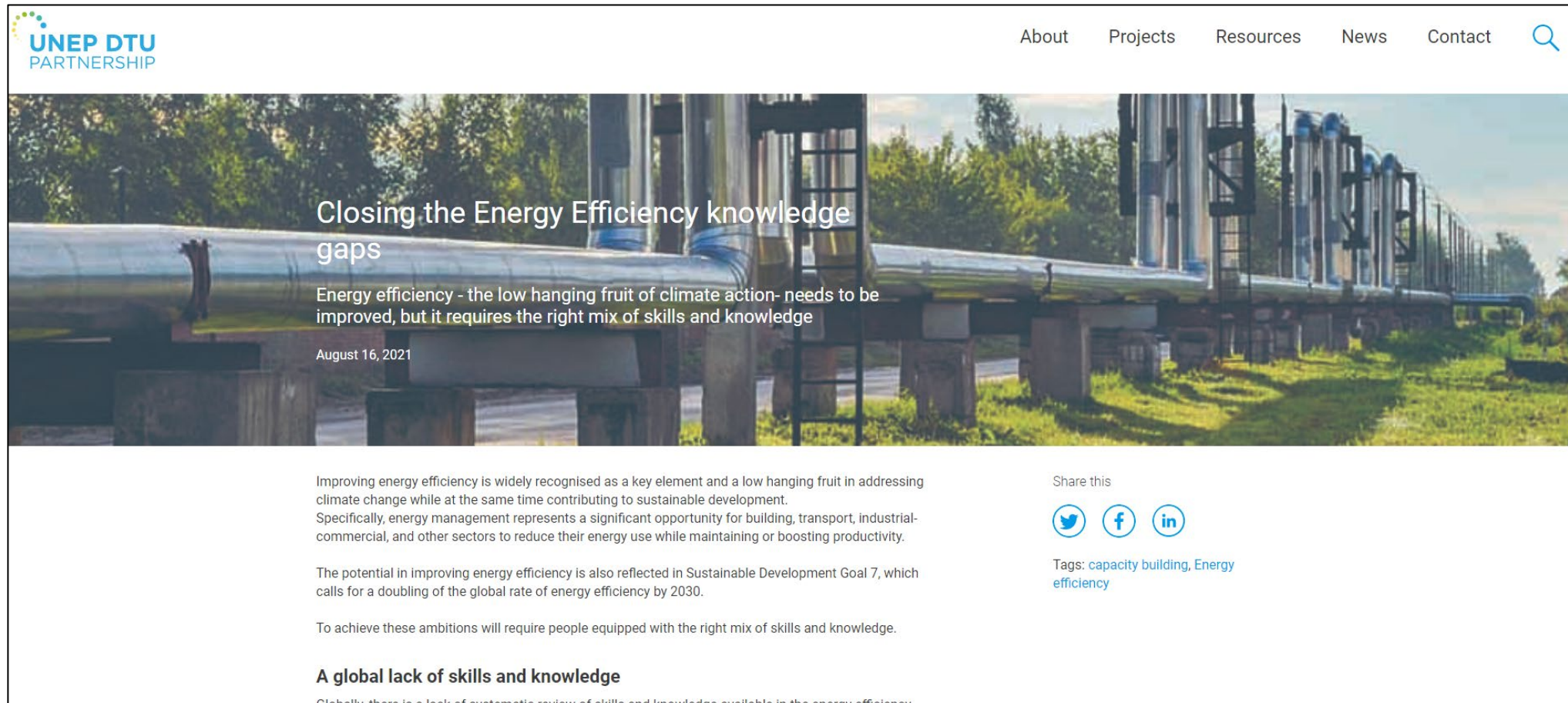
**Ministerio de Economía Argentina** **Secretaría de Energía**

**Authority**



# Read about our work at

<https://unepdtu.org/closing-the-energy-efficiency-knowledge-gaps/>



The screenshot shows a web page with the UNEP DTU Partnership logo in the top left. The navigation menu includes 'About', 'Projects', 'Resources', 'News', and 'Contact', along with a search icon. The main content area features a large image of industrial pipes with the title 'Closing the Energy Efficiency knowledge gaps' and a sub-headline: 'Energy efficiency - the low hanging fruit of climate action- needs to be improved, but it requires the right mix of skills and knowledge'. The date 'August 16, 2021' is displayed below the sub-headline. The article text discusses the importance of energy efficiency and the need for skills and knowledge. Social media sharing icons for Twitter, Facebook, and LinkedIn are present, along with tags for 'capacity building' and 'Energy efficiency'. The article is partially cut off at the bottom.

# Thank You



Gabriela Prata Dias

Talat Munshi

Jyoti Painuly



**Thank you for your attention!**

**Find out more:  
<https://c2e2.unepdtu.org/tvet/>**