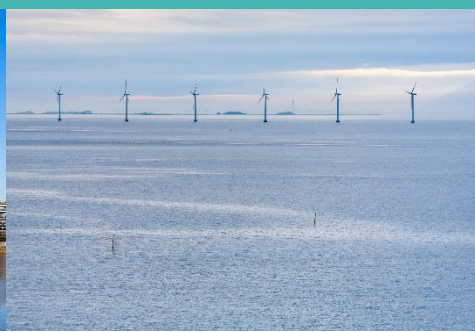
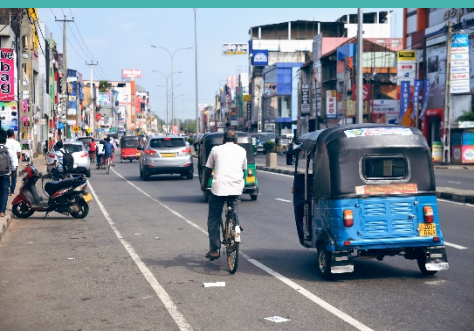


Closing the Energy Efficiency Knowledge Gaps

September 24, 2021
Start: 13:02 CEST



GDPR



Data Protection
Officer (DPO)



Compliance



25 May 2018



Data Breaches



Personal Data



GDPR Principles:

- Lawfulness
- Fairness
- Transparency
- Data minimization
- Storage limitation
- Accuracy
- Integrity and Confidentiality



Aristeidis Tsakiris
Data Management
arits@dtu.dk



Louise Lauritzen
Data Protection Officer
loula@dtu.dk



Copenhagen Centre on Energy Efficiency

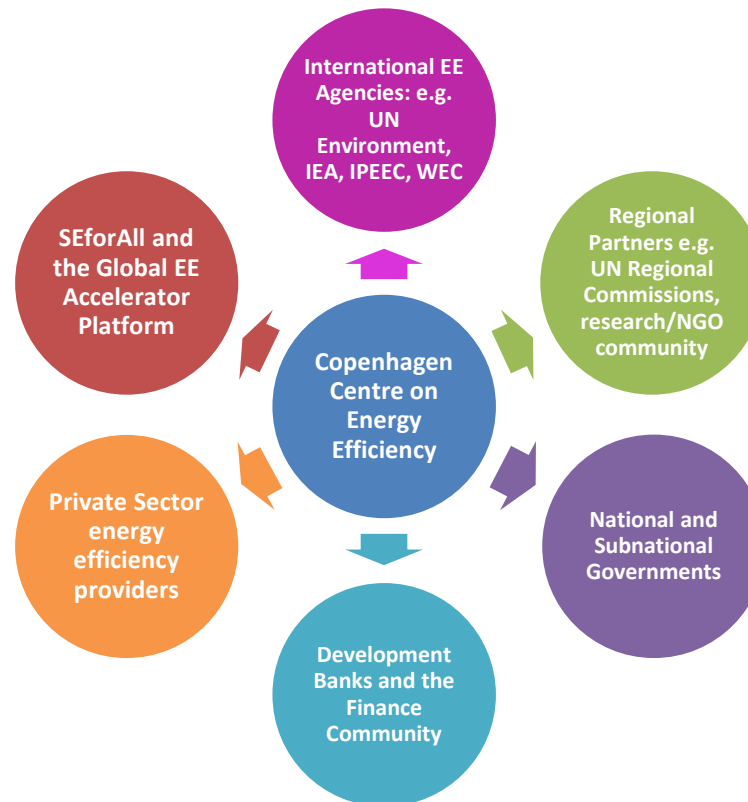
- is a research and advisory institution dedicated to accelerating the uptake of energy efficiency policies, programmes and actions globally
- serves as **Sustainable Energy for All** (SEforALL's) **Energy Efficiency Hub** and supports doubling the global rate of energy efficiency improvement by 2030

Key Focus Areas

Assisting policy change
in countries and cities

Accelerating action
through innovative
delivery models

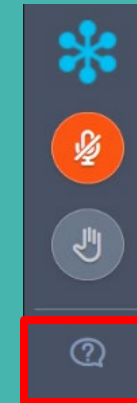
Raising the profile of
Energy Efficiency



Closing the Energy Efficiency Knowledge Gaps

Question & Answer

<https://c2e2.unepdtu.org/tvet/>



Use the
dedicate icon
to send us your
questions



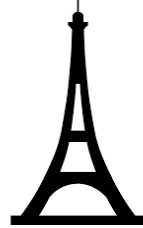
Thank you for your attention!

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

Closing the EE knowledge gaps: An Introduction

Talat Munshi
Senior Researcher
UNEP DTU Partnership

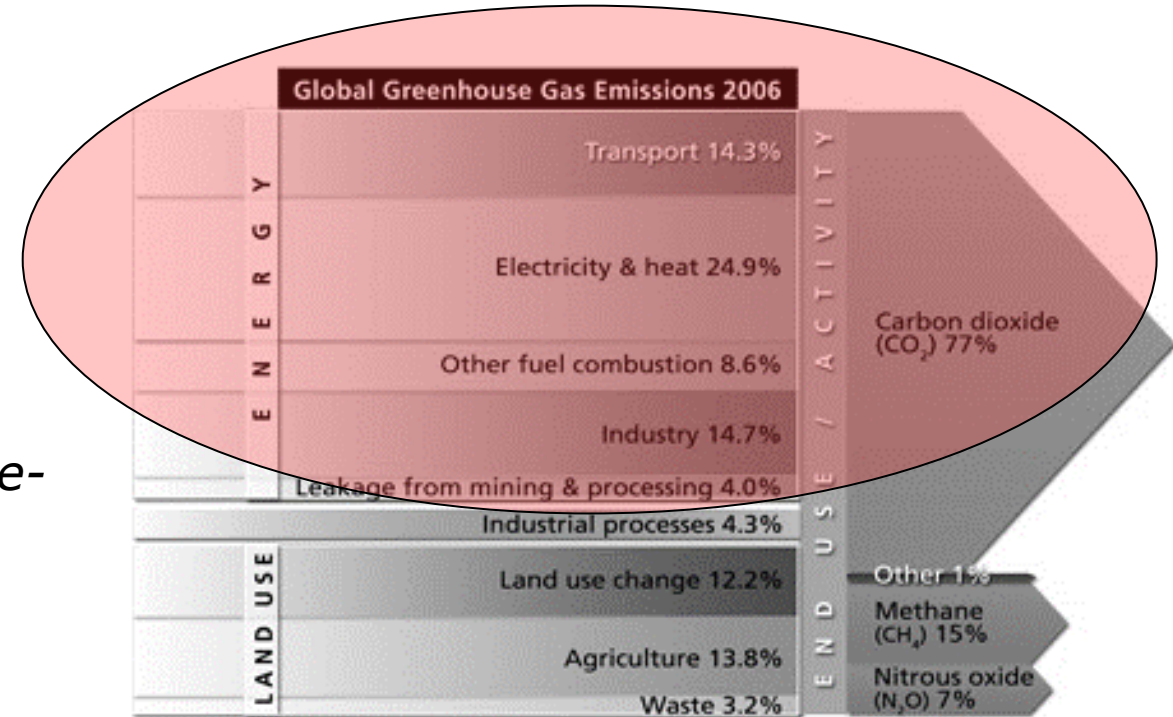
Background



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

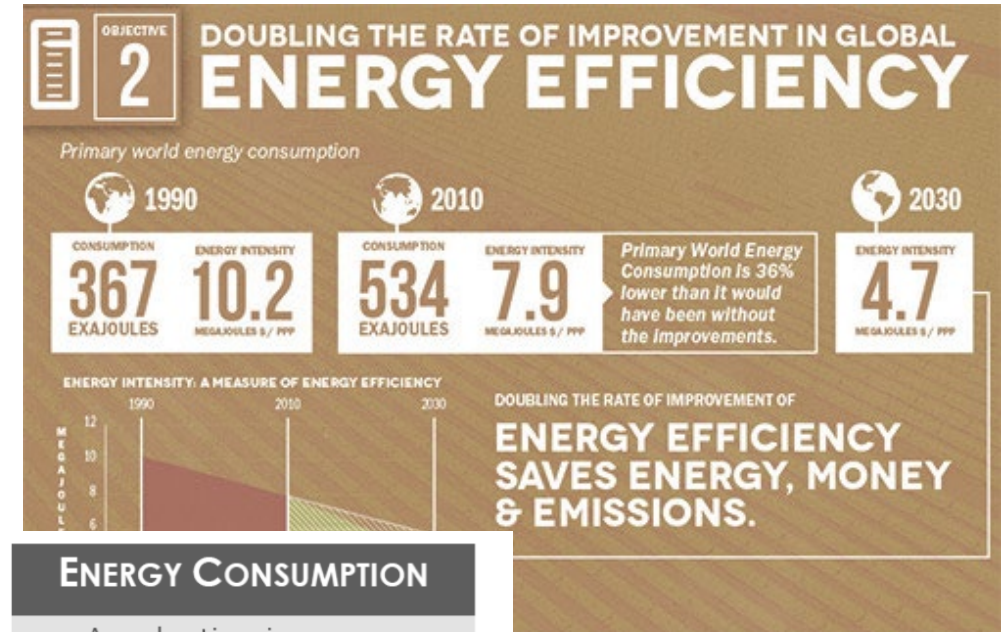
Categories of energy efficiency target

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

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

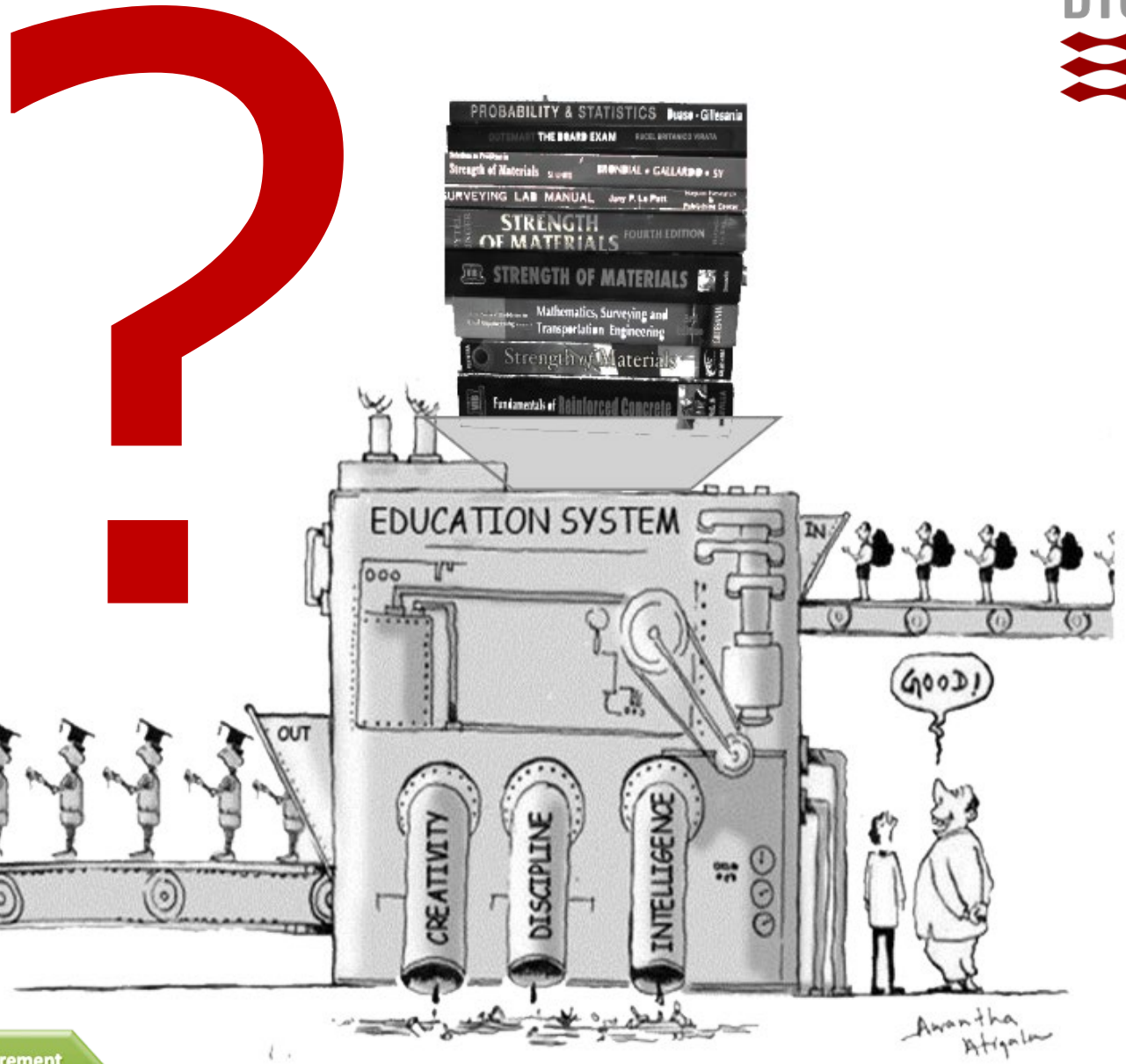


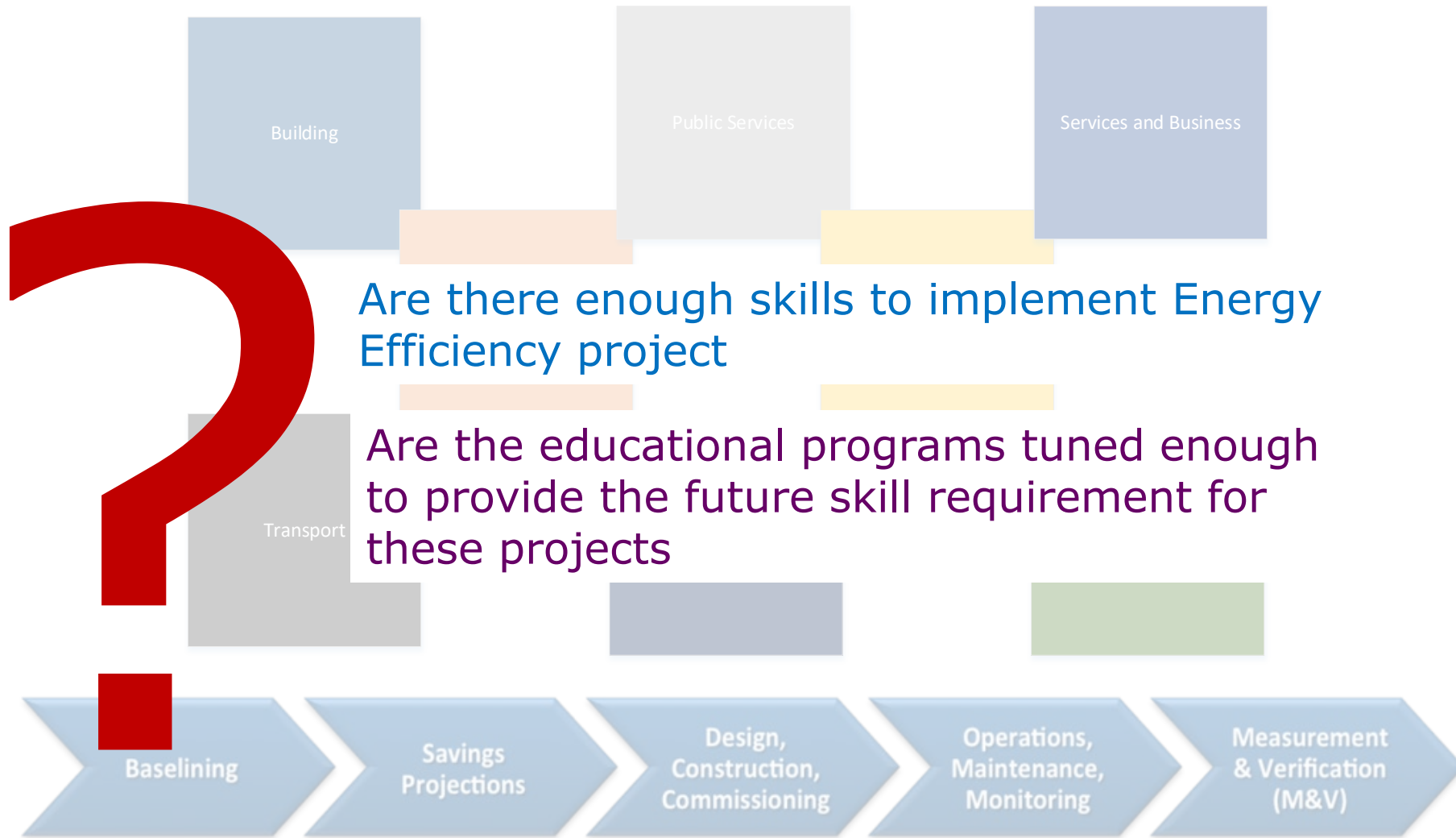


istock

(iStock)

Transition





Energy Efficiency Projects

Skills and Knowledge Gaps in Energy Efficiency



Understanding demand for skills and knowledge

Pipeline of projects and polices and skills required to implement them

Understanding current availability and supply of skills and knowledge

Survey of in-service professional and their skills

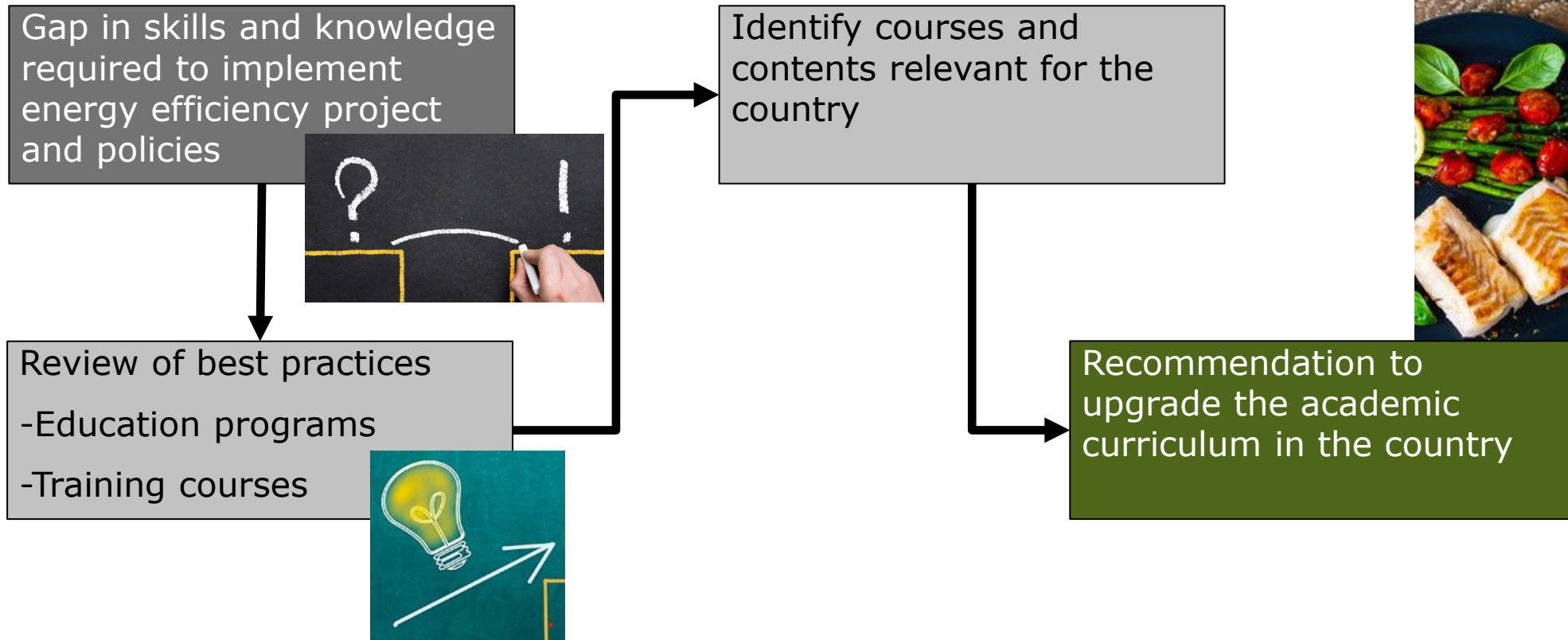
Survey of the educational program



Gap in skills and knowledge required to implement energy efficiency project and policies



Bridging the knowledge gap



Where

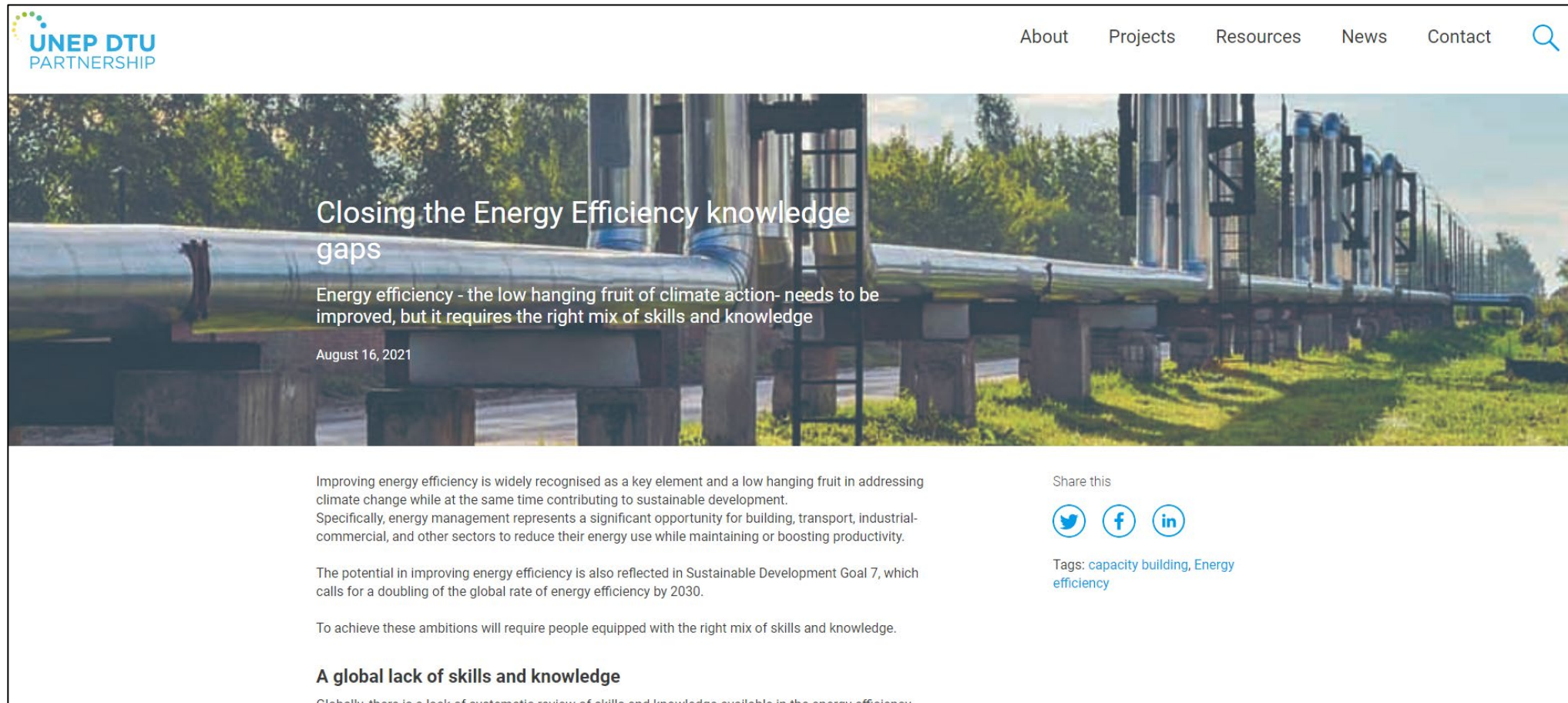
Argentina
Buildinas Sector
Ministerio de Economía
Secretaría de Energía

Kenya
Commercial and Manufacturing Sector

Sri Lanka
Transport Sector

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 footer of the article mentions 'A global lack of skills and knowledge' and 'Globally, there is a lack of systematic review of skills and knowledge available in the energy efficiency'.

Thank You



Gabriela Prata Dias



Talat Munshi



Ivana Audia



Subash Dhar



Jyoti Painuly