



Introductory roundtable

Municipal and Utility Services: Session 0

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1. **Where to start:** Energy use in municipalities
2. **Where to start:** Energy efficiency potential in municipalities
3. **Toolkit:** Energy-efficient municipal planning
4. **Toolkit:** Energy-efficient technologies

Where do I get help? IEA's Technology Collaboration Programmes

5. **What are the steps:** Implementing energy efficiency programmes – target setting
6. **What are the steps :** Implementing energy efficiency programmes – implementation
7. **What are the steps:** Enabling public energy efficiency investment
8. **What are the steps:** Enabling private energy efficiency investment

Special session: Multiple benefits of energy efficiency for municipalities

9. **Did it work:** Evaluation and energy efficiency indicators

Special session: International and regional initiatives that can help

10. **Energy Efficiency Quiz:** Understanding energy efficiency in municipal services & utilities



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Deepak Krishnan

WRI



Kajol

WRI

Who is in the room?

- **Introduce yourself:**
 - Name
 - Organization
 - State/City
 - What do you want out of this week?

- **The next 3 days:**
 - Speak up and engage with others
 - Ask questions, give answers

1. Where to start: Energy use in municipalities

Trainer(s): John Dulac

Purpose: To teach the fundamentals and dynamics of energy use in municipalities

Scenario: Your mayor/commissioner is under pressure to reduce energy consumption to meet national targets.

Question: How do you help the commissioner understand the drivers of energy consumption in the municipality?

2. Where to start: Energy efficiency potential in municipalities

Trainer(s): John Dulac

Purpose: To teach the fundamentals and potentials of energy efficiency in different municipal services and areas of municipal jurisdiction.

Scenario: Your municipality has set a target to cut emissions and lower energy spending by 2030.

Question: How can energy efficiency reach these goals?

3. Toolkit: Energy-efficient municipal planning

Trainer(s): John Dulac

Purpose: To teach the fundamentals of how urban planning and policy can be used to reduce energy use in municipalities and in related municipal services.

Scenario: Your municipality is growing quickly and so is demand for municipal services.

Question: How can we design a more energy-efficient municipality?

4. Toolkit: Energy-efficient technologies

Trainer(s): John Dulac

Purpose: To show the energy-saving opportunities using energy-efficient technologies, including use of digital management systems and potentials for sector coupling.

Scenario: The municipal commissioner wants to be known for innovative solutions at low costs.

Question: What are the technologies or technology strategies that you can put in place in order to boost energy efficiency?

Where do I get help: IEA's Technology Collaboration Programmes

Trainer(s): John Dulac

Purpose: To discuss the international network of experts working on energy-related research, technology solutions and projects.

5. What are the steps: Energy efficiency programmes - target setting

Trainer(s): John Dulac

Purpose: To teach how energy efficiency targets and policies can be used to achieve both energy-saving and development goals.

Scenario: A prominent NGO is challenging your targets as not being aggressive enough.

Question: How do you identify, quantify, and prioritise energy efficiency programmes and set appropriate targets?

6. What are the steps: Energy efficiency programmes – implementation

Trainer(s): John Dulac

Purpose: To teach the best practices in implementation of energy efficiency programmes in order to maximise savings and generate public support.

Scenario: The local council and operators are doubting that the energy efficiency programmes will actually deliver the benefits.

Question: What are the best practices in implementing energy efficiency programmes?

7. What are the steps: Enabling public energy efficiency investment

Trainer(s): John Dulac

Purpose: To provide an overview of the public funding sources and mechanisms available for energy efficiency projects, and to understand the procurement options for your municipality

Scenario: There are ambitious targets set, but seemingly little funding available to realise energy efficiency projects.

Question: How can you mobilise public finance for your energy efficiency programmes and projects?

8. What are the steps: Enabling private energy efficiency investment

Trainer(s): John Dulac

Purpose: To teach the different financing mechanisms available from private finance and explore case studies unique to financing energy efficiency projects.

Scenario: There are ambitious targets, but seemingly little funding available to realise energy efficiency projects.

Question: What are the private financing options that you can take?

Special session: Multiple benefits of energy efficiency for municipalities

Trainer(s): John Dulac

Purpose: To teach the multiple benefits of energy efficiency specific to municipalities and the importance of highlighting them.

9. Did it work: Evaluation and energy efficiency indicators

Trainer(s): John Dulac

Purpose: To teach the fundamentals of tracking progress applicable to municipal services. The course highlights the value of developing indicators and includes IEA methodologies in collecting or modelling data to estimate progress from energy efficiency efforts.

Scenario: The government wants to know how effective energy efficiency programmes have been and wants to compare different cities.

Question: How do you develop indicators that properly measures the benefits of your programmes?

Where do I get help: International and regional initiatives

Trainer(s): John Dulac

Purpose: To discuss initiatives such as UN SE4All Energy Efficiency Accelerator, Energy Sector Management Assistance Program (ESMAP), and WRI Cities Hub

10. Energy Efficiency Quiz

Trainer(s): John Dulac

Purpose: To test the knowledge of the participants in energy efficiency in municipal services.



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