

“Despite the multiple benefits, improving energy efficiency remains elusive....”

UN Economic Commission for Europe
Committee on Sustainable Energy
Group of Experts on Energy Efficiency
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Energy Productivity

Not just the inverse of mtoe/GDP

Energy enables wellbeing: shelter, food, mobility ... for a growing world population

SDG goals pursue 17-faces of productivity in a world where many need better wellbeing,

- Improving value-added multiple benefits is more important than reducing energy usage

Energy productivity requires:

- Efficient end-use services
- Enough service to add value to labour and skills
- Efficient mobility for trade...

to grow incomes with less energy



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Energy efficiency in Industry

Solid experience from NI, Ca, Ch, ... that

Energy management is the foundation to advancing industrial energy efficiency and productivity but,

- Business discipline: governance, finance, business case... capabilities
- Governments need to enable with regulatory platforms
- Banks need to link global finance resources into local energy efficiency opportunities
- Energy efficiency suppliers need to engage in local markets



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Promoting high-impact policies and measures

It's not about the MJ/kg or l/p100km

No energy efficiency, unless someone can supply energy efficiency technologies and services:

- Commercial realities; 'finance-ability'
- Substantial supply chains; 'market-ability'
- Level playing field; 'MEPS'
- Catalysing commitment and generating demand to transform markets



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Ambition: ideas from UNIDO Industry Energy Efficiency Accelerator

- Global scale –SE4All signatories ...
 - Link government, industry orgs, businesses, suppliers, trainers, in **committed country programmes**,
 - Energy management training and **capacity building for businesses**,
 - Bring IFIs along with **energy efficiency packages for local banks, investor confidence**,
 - Develop country **energy efficiency market transformations**,
- A shift to low-carbon productivity.

Tomorrow at 14.00 -18.00 GCEEE- Workshop on Global Energy Efficiency Accelerators.

