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Learning Platform

Complement on economic benefits of local climate action

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Latviski

Materiāls ir pieejams arī

latviešu valodā

PDF



Polski

Materiał jest również dostępny w

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Eesti

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Svenska

Materialet finns även tillgängligt på

svenska

PDF

Multiple Benefits of Local Climate Actions (1)

Well-designed energy efficiency policies can result in significant environmental, economic, social and health benefits.

- Several factors contribute to an improved sustainable community : Energy savings, energy security, energy prices, energy access, health, air quality, emissions, household savings, productivity and public budgets.
- The reduction in energy bills is more beneficial for lower-income groups.
- By reducing overall energy demand, efficiency can reduce reliance on imports of oil, gas and coal.
- Energy efficiency measures can support good physical and mental health primarily by creating healthy indoor living environments with healthy air temperatures, humidity levels, noise levels, and improved air quality.
- Energy efficiency can reduce both indoor and outdoor concentrations of air pollutants.

Multiple Benefits of Local Climate Actions (2)

Climate action has a range of wider benefits for the health and prosperity of cities and their citizens. The benefits of urban climate action – from green jobs and growth, to active, happier lives and cleaner air and water – have an immediate, tangible impact on people's lives.

- Building owners can see increased property value from energy efficiency measures that lower energy consumption and reduce operating costs.*
- Efficiency leads to productivity gains in particular by lowering maintenance costs and increasing production yields per unit of input.*
- Local governments can directly reduce operational costs by implementing energy efficiency measures.*

Figure 1: The relative advantages of different scales of climate action (darker shades/greater size indicate strength)



Example Stromspar-Check (SSC) for low-income households

- SSC is a joint project by the Deutsche Caritasverb and the Association of Energy and Climate Protection Agencies in Germany.
- SSC advisers are formerly long-term unemployed who completed an energy adviser training. SSC advisers visit households that signed up for a check of their electricity consumption.
- Focus on changing behaviors and installing energy and water-saving devices such as LED lights, time switches, water-saving shower heads etc.
- It helps low income-household to reduce their electricity expenses effectively
- It successfully supports reintegration of unemployed into the labour market and results in cost-savings for the public sector.
- Read more: <https://www.stromspar-check.de/>

Resources:

<https://www.iea.org/reports/multiple-benefits-of-energy-efficiency>

The International Energy Agency's site on multiple benefits of energy efficiency.

<https://www.iea.org/reports/multiple-benefits-of-energy-efficiency>

Cambridge Econometrics on "2030 EU energy efficiency target:
The multiple benefits of higher ambition".

<https://www.c40.org/wp-content/uploads/2022/02/Mexico-2018-%E2%80%93-Benefits-of-Ecobici-and-the-pedestrianisation-of-the-city-centre.pdf>

Benefits of Local Climate Action compiled by the C40 city network.