



Interreg
Baltic Sea Region



Co-funded by
the European Union



ENERGY TRANSITION

CommitClimate

Tere tulemast

Välkommen

Witamy

Welcome

laipni lūdzam

CommitClimate

Learning Platform

Complement on economic benefits of local climate action

Multiple Benefits of Local Climate Actions (1)

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

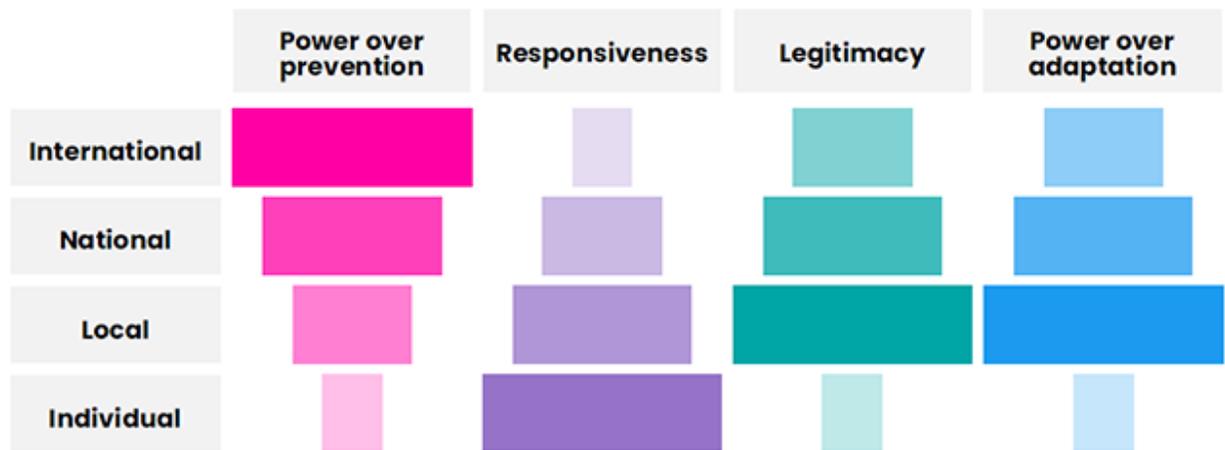
- Several factors contribute to an improved sustainable community : Energy savings, energy security, energy prices, energy access, health, air quality, emissions, household savings, productivity and public budgets.
- The reduction in energy bills is more beneficial for lower-income groups.
- By reducing 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.