

Key Recommendations and Policy Priorities

Global priorities/initiatives from the International Energy Agency

- Low-e glass with appropriate solar control (~40% window savings)
- Air leakage testing and air sealing (~10% to 30% heating/cooling savings)
- Optimal insulation level considering lowest life cycle cost (up to 90% savings in old stock)
- Heat pump water heaters (40% to 75% savings)
- Solar thermal for water and space heating (~50% to 75% savings)
- Ban all incandescent bulbs, including halogens (~60% to 80% savings)

Recommendations from the Expert Consultation

- Thermal performance of buildings and their building components
- Construction materials
- Minimum habitable standards for healthy and safe living



Role of UNECE

- Mapping of existing energy-efficiency standards in buildings
- Establishing partnerships
- Establishing a database and network of experts and platforms for the exchange of experience and the development of guidance
- Developing best-practice guidance on inspection and enforcement of regulations

Joint Task Force on Energy-Efficiency Standards in Buildings

- Overview on standards for energy efficiency in buildings
- Overview on existing and forthcoming technologies for energy efficiency in buildings
- Online database of experts
- Increasing public awareness
- Strategy and roadmap for future UNECE activities
- Step towards reaching energy efficiency goals amongst the ECE region
- Step forward the harmonization of markets and standards.

