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## EU4 Energy Transition: Covenant of Mayors in Western Balkans and Turkey

# TIPS and Templates for Mitigation Action Plan Development



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## Why Mitigation Actions?

Mitigation actions are **direct actions** to reduce GHG emissions and minimize the impact of climate change.

Address the **root causes of climate change** by lowering emissions from key sectors such as energy, transportation, and waste management.





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## 5 Tips for Effective Mitigation Action Plan Development

### Low-Carbon Transportation

Develops low-carbon mobility solutions.

### Energy Efficiency in Buildings

Focuses on reducing emissions through building upgrades.

### Capacity Building

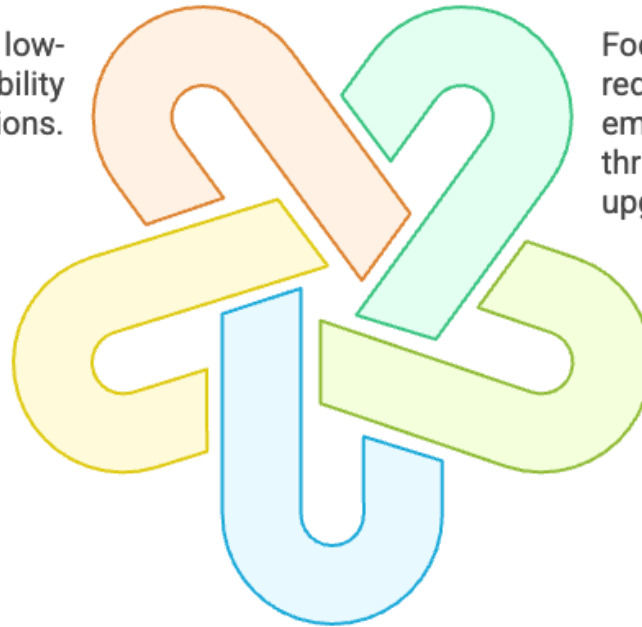
Emphasizes education and awareness for sustainability.

### Cost-Effective Measures

Prioritizes cost-effective energy-saving actions.

### Digital Technologies

Utilizes digital tools for enhanced efficiency.





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## Tip 1: Prioritize Building Sector

- The majority of emissions stem from energy consumption in buildings and facilities.
- Targeting this sector not only reduces emissions but also address energy poverty problem
- Strategies may include retrofitting buildings, improving insulation, on-site solar generation or electrification of heating





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## Tip 2: Invest in Cost-Effective Energy Efficiency Measures

- Energy efficiency projects are typically the cheapest and impactful investments.
- You do not want to waste your solar energy produced
- Before committing to renewable energy installations or electric heating systems, prioritize actions such as enhancing insulation, optimizing energy usage, and upgrading to energy-efficient appliances.







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## Tip 3: Enhance Low-Carbon Public Transportation Options

- On-road transportation generally has highest portion of city emission.
- Reduce single-occupancy vehicles to significantly lower emissions.
- Develop and improve low-carbon mobility solutions like public transit and cycling infrastructure.
- Expand bus routes and invest in electric public transport.
- Develop micro-mobility solutions





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## Tip 4: Use Digital Technologies for Greater Impact

- Digital technologies can significantly enhance efficiency and reduce emissions.
- Tools like energy monitoring software help track and optimize energy consumption;
- Vehicle route optimization software minimizes fuel use in transportation;
- Smart grids, and real-time data analytics further support efficient resource management, enabling better decision-making and identifying new opportunities for emission reductions.







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## Tip 5: Build Capacity and Raise Awareness

- An effective mitigation plan includes education and capacity-building initiatives.
- Engaging municipal staff, citizens, and key stakeholders such as municipal subsidiaries and partners fosters a culture of sustainability.
- Collaboration with these stakeholders ensures alignment with climate goals.
- Workshops, training sessions, and public awareness campaigns drive meaningful participation and shared responsibility.







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Thank You!

Questions?



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