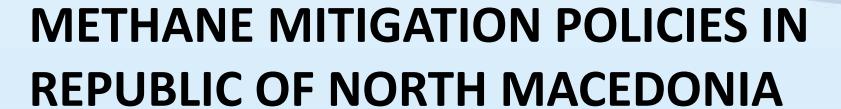
2024 Global Methane Forum

Mobilizing Methane Action

18-21 March 2024, Geneva, Switzerland



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National Methane Reduction Commitments

- Long-Term Strategy on Climate Action and Action Plan:
 - A long-term vision for 2050, setting national net greenhouse gas (GHG) emissions reduction target of 72% by 2050 (compared to 1990 levels).
- Enhanced Nationally Determined Contribution (NDC):
 - By 2030, the country aims for a 51% reduction in greenhouse gas emissions (compared to 1990 levels) and an 82% reduction in net emissions.
- Global Methane Pledge (GMP):
 - The goal is to achieve a 30% reduction in global anthropogenic methane emissions by 2030 (compared to 2020 levels)

Share of Methane in the Total GHG Emissions

- Total GHG emissions in North Macedonia, in 2020, were approximately 9,768.86 kilotons.
- Country's GHG profile:
 - Energy Industries account for 67.58% of the total.
 - Manufacturing Industries and Construction contribute around 9.10%.
 - Transport activities make up approximately 14.77%.
 - Others: The remaining 17.65% come from other sectors, out of which waste sector contributes with 8.33%.
- The contribution of methane (CH_4) to these emissions is approximately **14.41%**.

Waste Landfilling as a source of methane emissions

- Non-compliant landfills /dumpsites:
 - Skopje region: 1 regional landfill and 52 dumpsites;
 - Polog region: 1 regional landfill and 72 dumpsites;
 - Eastern region: 11 non-compliant (municipal) landfills and 71 dumpsites;
 - Pelagonija region: 8 non-compliant (municipal) landfills and 109 dumpsites;
 - Southwest region: 10 non-compliant (municipal) landfills and 84 dumpsites;
 - Vardar region: 8 non-compliant (municipal) landfills and 25 dumpsites.

Mitigating Methane Emissions

- Current activities (EU funded):
 - Closure and remediation of non-compliant landfills and dumpsites in Eastern Region and North Eastern Region.
- Planned activities (EU finded):
 - Construction of a regional sanitary landfill for 5 waste management regions in the state starting in 2025 - 2026 (EU grant and EBRD loan)
 - Upgrading of the current regional landfill for Skopje region (IPA III, start cannot be projected at this stage)
- Financing of closure and remediation of non-compliant landfills in other regions will be from other sources.
- Initiated activities for construction of biogas plants in 4 regions across the state.

Conclusions

- Methane mitigation policies in North Macedonia are well aligned with the EU and global requirements.
- Investments in mitigating methane emissions from the waste management sector in the public and private domains are underway.
- Additional financing is to be mobilized in order to achieve national GHG emission targets.

THANK YOU

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