

NEEAP DEVELOPMENT AND LOCAL BUILDING RENOVATION INITIATIVES IN

Turkey

POPULATION: 83,003,882
81 PROVINCES
1,397 MUNICIPALITIES

BUILD UPON²



Some districts

Some districts

1



Istanbul

15,067,724
18%

2



Ankara

5,503,985
7%

3



Izmir

4,320,519
5%

4



Bursa

2,994,521
4%

5



Antalya

2,426,356
3%

6



Eskişehir

860,620
1%

Population



Covenant of Mayors
for Climate & Energy
EUROPE

As Turkey is not an EU Member State, it does not have to submit a long-term renovation strategy in accordance with the Energy Performance of Buildings Directive. However, it must submit a National Energy Efficiency Action Plan (NEEAP), which includes buildings renovation.

INVOLVED IN
DEVELOPING
BUILDING
POLICIES

INVOLVED IN
DEVELOPING
NEEAP

Ministry of
Energy and
Natural
Resources



Responsible
Ministry

Ministry of
Environment
and
Urbanisation



Responsible
Ministry

www.worldgbc.org/build-upon
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The Ministry of Environment and Urbanization is in charge of buildings-related actions under the NEEAP, which was published by the Ministry of Energy and Natural Resources in 2018. The newly established Department of Energy Efficiency and Environment under the Ministry of Energy and Natural Resources may also play a key role. A legislative framework will be developed to implement renovations planned under the NEEAP.

Main challenges for NEEAP implementation

● POOR ● ACCEPTABLE ● GOOD



- Stakeholders (e.g. industrial associations, consumer groups, academics, local and regional governments, financial institutions, etc.) should be more involved in designing/implementing policies and measures related to buildings renovations and should be consulted regularly.
- Insufficient information on current building stock and energy use – databases and monitoring are needed.
- A need to develop financial mechanisms – e.g. public-private partnerships, third-party financing, energy performance contracting.

Building policy is a national competence in Turkey, but local authorities and municipalities are also in charge of buildings renovations, particularly in conjunction with rehabilitation of buildings in seismic zones

Several regional and local initiatives are under way:

- Eskişehir aims to renovate multiple districts by improving energy efficiency in buildings and public spaces. It strives to adopt and implement laws that are more ambitious than national building codes and to use energy performance contracting to retrofit municipal buildings.
- In Antalya, the Kepez-Santral Urban Transformation Project, the largest in Turkey, aims to develop a smart city with an energy-efficient built environment.
- 19 municipalities are Covenant of Mayors signatories, committing them to Sustainable Energy Action Plans which include measures to reduce greenhouse gas emissions in buildings. For instance, İzmir has committed to reduce its carbon footprint by 20% by 2020 while Bursa has targeted a >40% reduction in per capita CO2 emissions by 2030. Both municipalities aim to reduce energy consumption by improving efficiency in existing buildings.
- Istanbul's earthquake risk mitigation project (ISMEP) has rebuilt 283 school buildings and 3 healthcare buildings, and retrofitted 796 school buildings and 48 healthcare buildings against earthquakes. These renovations also improve energy performance.

