

Unlocking implementation models and finance for cities energy efficiency

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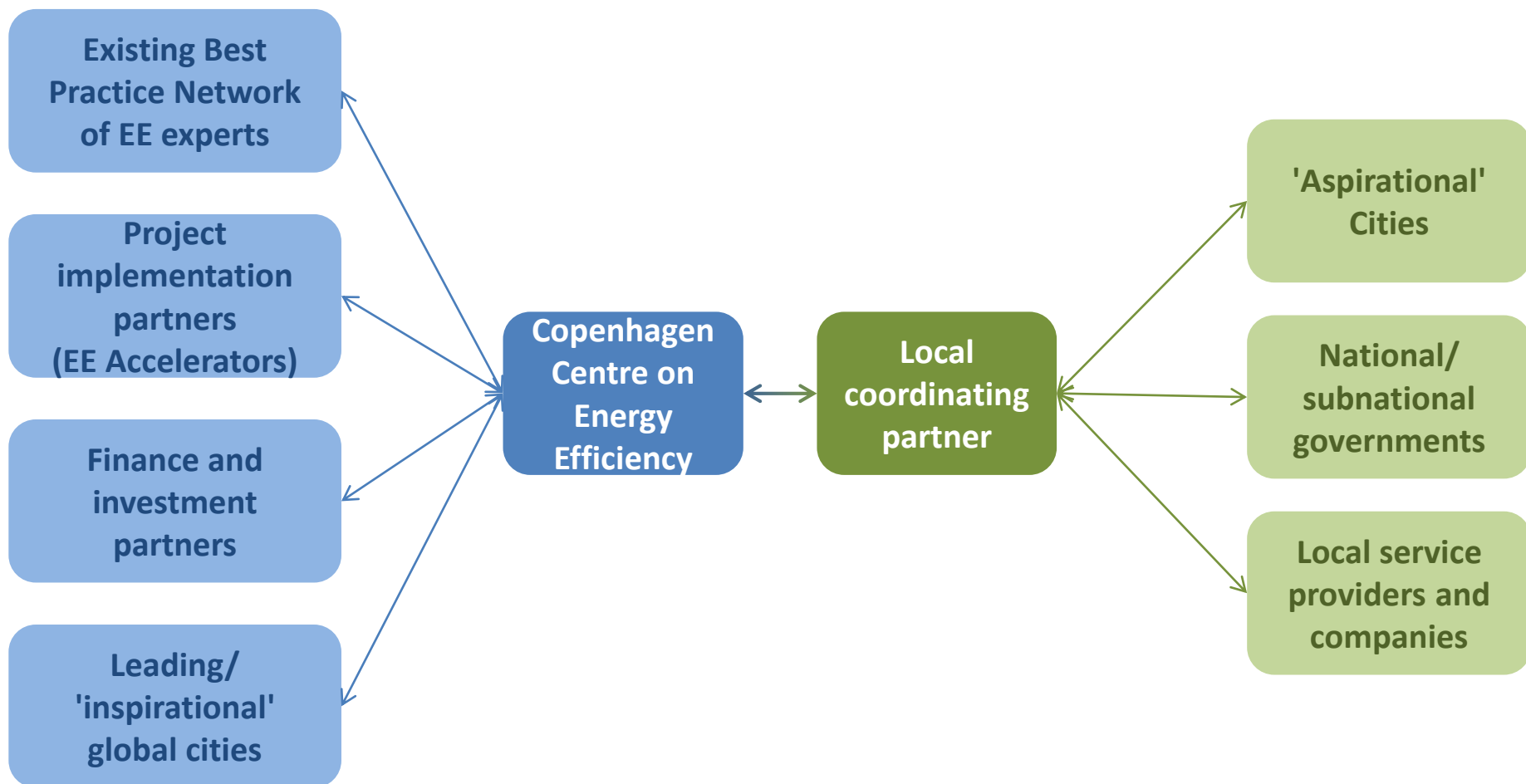


Towards Smart Sustainable Cities – Integrated Approaches

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Linking aspirational & inspirational cities under global partnership network





TBILISI CITY HALL



MINISTRY OF ENERGY OF GEORGIA

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ENERGY EFFICIENCY BRIEF

Tbilisi, Georgia

INTRODUCTION

Tbilisi, the capital of Georgia, has a population of 1.1 million which accounts for 30 per cent of Georgia's population. Tbilisi produces almost half of Georgia's Gross Domestic Product and contributes about one-third of the country's greenhouse gas emissions.

Located at the crossroads between Eastern Europe and Western Asia, the city's climate is moderately humid subtropical with average temperatures of 2°C in the winter and 25°C in the summer. Tbilisi is a typical transition economy city: both population and economic activity are growing rapidly, which presents new challenges particularly in the transport and buildings sectors. Improvements in energy efficiency offer an essential component of sustainable development and reducing dependency on fossil fuels in both Tbilisi and throughout Georgia. Electricity tariffs continue to increase over time, meaning that energy efficiency interventions will be offering higher energy savings to households, businesses and government.

Georgia will soon be releasing its first National Energy Efficiency Action Plan (NEEAP), which covers a comprehensive set of policies and cross-sectoral measures in power, transport, industry, buildings and services. Energy demand in Georgia stems primarily from transport (33 per cent), the residential sector (30 per cent) and industry (15 per cent). In 2017 Tbilisi released its Land Use Master Plan 2020 to increase the efficiency of infrastructure investment, create a balanced road network to reduce traffic congestion and establish a network of green spaces. The success of both plans will rely on cooperation with Tbilisi City Hall and its residents, presenting a range of opportunities to showcase the city's action and leadership on energy efficiency.



TBILISI CITY PARTNERSHIPS AND COMMITMENTS

- Member of Covenant of Mayors for Climate and Energy: Tbilisi has pledged to reduce CO₂ equivalent emissions to 20 per cent below 1990 levels by 2020.
- Member of 100 Resilient Cities.
- Tbilisi has established a twinning arrangement with 15 cities in Europe, which started in 1975 with Saarbrücken, Germany.
- Each year Tbilisi hosts the Local Economic Development Forum, where ideas and experiences are shared and cooperative activities are established among key stakeholders wanting to contribute to the development of cities and municipalities.



Sustainable city ASTRAKHAN



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Knowledge Management System

The Copenhagen Centre's Knowledge Management System (KMS) engages stakeholders in energy efficiency initiatives through knowledge sharing and outreach. The KMS provides users with access to selected information, reports, publications, and databases on energy efficiency. The KMS is linked to many other energy efficiency initiatives.

<http://kms.energyefficiencycentre.org/>



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