



Data Driven Carbon Neutral Disaster Resilient Cities

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- ◆ APEC Fund Source: EELCER
- ◆ Proposing Economy: China
- ◆ Scoring first round 2022
- ◆ Total Project Funding: USD 155000
- ◆ Self Funded: USD 55000
- ◆ Amount being sought from APEC: USD 100000
- ◆ Co-sponsored by AUS, CHL, HKC, INA, JPN, PHL, SGP, THA
- ◆ Endorsed by EWG on 22 March 2022

Project Summary

This project aims at accelerating the development towards carbon neutrality by increasing the number of APEC cities or municipalities having the capacity to collect relevant data and use a multi-stakeholder dialogue to become carbon neutral and energy inclusive. The relevant data has been described in Chapter 4 of the [APEC Integrated Urban Planning Report](#) and is being tested and improved in pilot phase in project [EWG 04 2021S](#).

The present project will first train local planning officers of APEC municipalities to collect the specified data in cooperation with a local University.

Thereafter, a multistakeholder dialogue will be used to elaborate 2050/2060 visions and set 2030 targets. The group of key stakeholders will include the energy poor populations of the lowest income quintile.

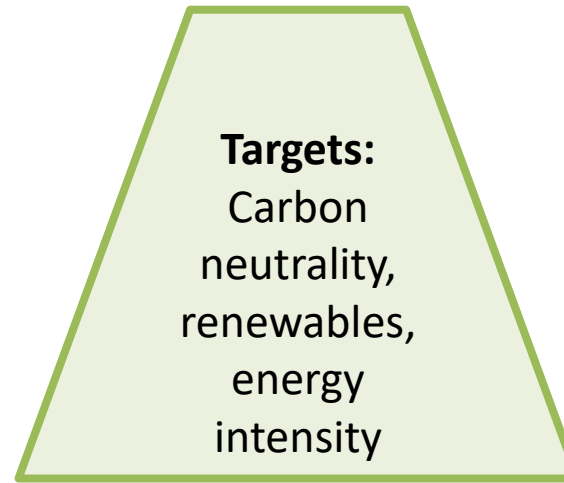
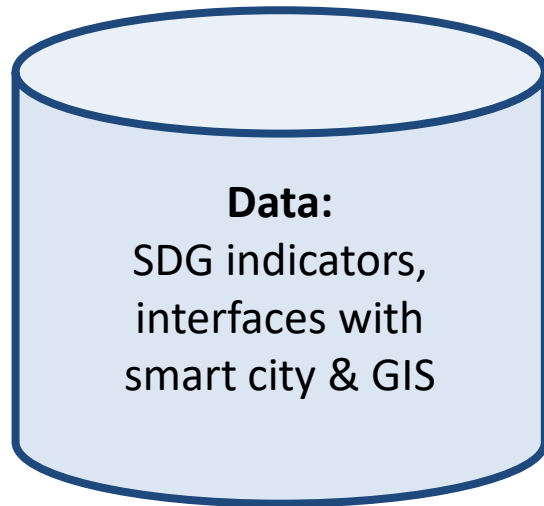
■ **Overarching objective**

- ◆ Accelerate the transition of APEC cities and municipalities towards carbon-neutrality

■ **Secondary objectives, contributions to:**

- ◆ Improved energy resilience
- ◆ Creation of low-carbon APEC communities
- ◆ Increase renewables' share in the APEC energy mix
- ◆ Improvement of APEC energy intensity

■ Combining three elements for two deliverables



- ◆ Long term (2050/2060) local visions for carbon neutrality
- ◆ 2030 local targets for key SDG and resilience indicators

■ Capacity building, primary beneficiaries:

- ◆ Planning officers of the participating cities or municipalities (training of trainers, “ToT”, can set gender quota)

■ Capacity building, secondary beneficiaries:

- ◆ Participants of the multistakeholder dialogues to be held in each city or municipality (can set gender quotas)
 - ◆ Local universities and science parks
 - ◆ Local manufacturing and other industry, SMEs, fintech
 - ◆ Local transport sector
 - ◆ Local food and agriculture sector
 - ◆ Energy poor and lowest income quintile

■ Evaluation criteria

- ◆ Increased number of APEC cities or municipalities
 - Being able to collect and use SDG and disaster resilience data
 - Having carbon neutrality visions for 2050/2060
- ◆ Improved (or set) targets for participating APEC cities or municipalities for
 - Emission mitigation compared to BAU
 - Energy intensity decrease by 2035 compared to 2005
 - Share of renewables in 2030 compared to 2010
- ◆ Within participating APEC cities or municipalities, increased number of
 - SDG and disaster resilience trained planning officers
 - Involved stakeholders in integrated urban planning
 - Female participation in urban planning process

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