

SUSTAINABLE URBAN MOBILITY IN ASIA

Sustained economic growth and increasing affluence in urban areas have enabled more people to afford cars, motorcycles, and sport utility vehicles (SUVs). The preference for personal mobility has prevailed over public transportation, the latter being in a generally degenerated state. Latest research by the Asian Development Bank (ADB) and Clean Air Initiative for Asian Cities (CAI-Asia) shows that motorization levels in many countries are projected to DOUBLE in the next two decades. It is estimated that by 2035, China and India are going to have more vehicles than North America and Europe combined. This phenomenon, coupled with the growing international clamor to address climate change and to reduce CO₂ emissions from the transportation sector, has caused countries and cities to rethink their approach to urban transport.

The SUMA program works with Asian cities and countries to strengthen the formulation and implementation of sustainable urban transportation (SUT) and air quality management (AQM) policies. SUMA aims to improve urban air quality, improve road safety, and reduce transport's contribution to climate change.

Activities

- Prepare service plan for the Ahmedabad Bus Rapid Transit System (BRTS)
- Develop guidelines for integrating the two-and three-wheelers in Asia's urban traffic
- Develop social impact assessment (SIA) guidelines for urban transport
- Evaluate environmental impacts of e-bikes
- Develop guidelines for cycling inclusive planning
- Prepare a position paper on the "Role of Cycling in Urban Transportation in Asia" (with a special focus on India)
- Develop a comprehensive database of transport Indicators for 12 Indian cities
- Select and train 10 urban transport professionals from India and 10 from China to become future trainers
- Develop a specialized training course on training techniques and sustainable urban transport general concepts for future master trainers
- Conduct training courses with future trainers for policy makers and key stakeholders in Asia.
- Develop an integrated and comprehensive National environmentally sustainable transport (EST) Strategy for the Philippines.



Inception meeting with Philippine Government Stakeholders



Bus stop under construction in Ahmedabad BRTS

The SUMA program is supported by ADB through a grant from Sida
<http://www.cleanairnet.org/suma>



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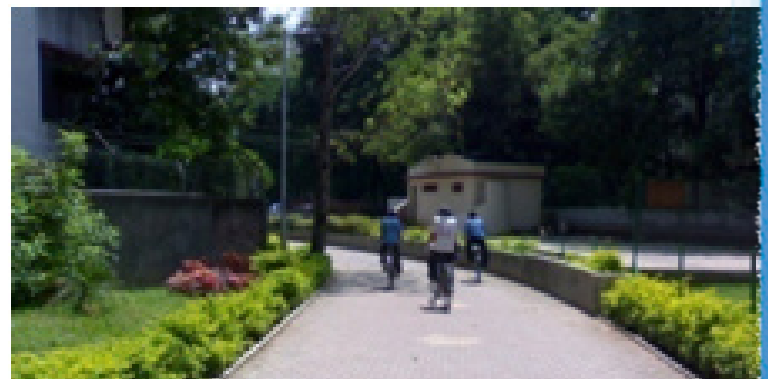
Partners

The Sustainable Urban Mobility in Asia (SUMA) program was jumpstarted in November 2005 with the signing of a letter of agreement between the Asian Development Bank (ADB) and the Swedish International Development Cooperation Agency (Sida).

The SUMA program is a follow-up to the Partnership for Sustainable Urban Transportation in Asia (PSUTA) project which ran from March 2004 to December 2005. SUMA is implemented by the Clean Air Initiative for Asian Cities (CAI-Asia) Center on behalf of the Asian Development Bank (ADB). It is implemented in partnership with EMBARQ, the World Resources Institute Center for Sustainable Transportation (EMBARQ-WRI), the German Agency for Technical Cooperation (GTZ) Sustainable Urban Transportation Project (SUTP), the Institute for Transportation and Development Policy (ITDP), the Interface for Cycling Expertise (I-ce), and the United Nations Centre for Regional Development (UNCRD). Consultants such as Chris Cherry and Marie Thynell are part of team and are conducting research on the environmental impacts of electric bikes (e-bikes) and social impact assessment guidelines for urban transit.

Components of the SUMA Program

- Institutionalize AQM and SUT knowledge management systems at the regional, national and local levels;
- Enhance capacity for AQM SUT
- Strengthen networking for AQM and SUT stakeholder at the regional, national and local levels;
- Develop policies for AQM and SUT at regional, national and local levels;
- Scale-up AQM and SUT activities in developing countries and development agencies
- Strengthen program coordination, monitoring and evaluation of current and future programs



Bike facilities in Pune, India



GTZ : Training course in Beijing, PRC

For more information see www.cleanairnet.org/suma