

Eco Driving Training for Bandung, Indonesia

Translating policy recommendations into practical actions

The first ever eco-driving training for Bandung, Indonesia was held on Thursday, 27 October 2016. The training marked an important step forward in implementing policy recommendations developed from research on transport co-benefits conducted in FY2015. The co-benefits research was initiated by the Institute for Global Environmental Strategies (IGES) and supported by the Ministry of Environment, Japan (MOEJ). Forty-four participants joined the training, including representatives from the Ministry of Environment and Forestry Indonesia, Bandung government, local academia, non-governmental organisations (NGOs), the private sector, IGES and Clean Air Asia (CAA) of the Philippines.

Eco-driving is an economical, environment-friendly, safe way of driving. It is attractive to policymakers since it is relatively easy to learn and can help maximize fuel efficiencies, save fuel and maintenance costs, and reduce the risks of accidents. The training was co-organized by the Bandung government, IGES, CAA, and the Institut Teknologi Bandung (ITB). During the training, collaborating partners introduced eco-driving and related techniques, employing a combination of classroom lectures and practical exercises on city roads. The 29 trainees consisted of official vehicle drivers (10 from Bandung City), taxi drivers, paratransit drivers, and community members.

The training consisted of three parts. First, the drivers were asked to drive designated routes as they normally do. Next, a series of lectures was offered. Dr. Sudarmanto Budi Nugroho from IGES provided insights from his co-benefits research on transport-related emissions and the importance of eco-driving to control air pollution and mitigate climate change. Dr. Pia Agatep from CAA introduced the concept of eco-driving and its benefits to the participants. Mr. Heru Sugiarto of CAA, the primary trainer, provided lectures and also demonstrated driving skills that would reduce fuel consumption and GHG emissions. Finally, the drivers drove the same routes using their new techniques and skills. Awards were given to participants who demonstrated mastery of course concepts and achieved reductions in fuel consumption.



IGES Dr. Nugroho offers insights on co-benefits

The eco-driving training was recognized and endorsed by both the National Government of Indonesia and the city government of Bandung. In the opening speech, Ir. Ratna Kartikasari, MSc the Deputy of Environmental Pollution Control at the Ministry of Environment and Forestry Indonesia introduced eco-driving as one of the ministry's key activities in their Green Transport Program—a program that will expand to several cities. Ms. Ayu Sukenjah from the Parks and Cemetery Agency of Bandung City Government discussed how changing driving behaviour could reduce air pollution in Bandung. Both speakers highlighted the importance of post-training activities, changing driving behaviour, and monitoring the impact on fuel savings and CO₂ reduction in Bandung.

Post-training activities will be conducted by CAA and fuel consumption will be monitored to see whether behavioral change is temporary or permanent. Furthermore, discussions led by ITB professors with local stakeholders will seek ways to institutionalize eco-driving in the city. The results of the training and such post training activities will be disseminated to the public by the end of January 2017.



Group Photo with the Ministry of Environment and Forestry Indonesia,

Bandung government officials, CAA and IGES



Group photo with participants (residents and business people) in Bandung



Local city government vehicles involved in the eco-driving training



Award ceremony for outstanding participants



Example of certificate given to participants