

11th World Congress and Expo on **Recycling**

June 13-14, 2019 | Edinburgh, Scotland

Recycling and recyclability index for end-of-life Jenney's

Noemi Torre, Edwin Olmos, Theta Ponce, Keneth Sedilla and Solito Nudo
University of Asia and the Pacific, Philippines

Each year, millions of motor vehicles reach their end-of-life. The Recyclability Index of End-of-Life of these vehicles is a rating system to quantify the recyclability and recovery of the vehicles. Through this measure, one can determine the environmental impact of the vehicle. The computation of which is elaborated in the ISO 22628 (International Organization for Standardization). The ISO, is a federation of national standards acknowledged worldwide. The Philippines with the initiative of the current administration, launched the PUV Modernization Program which aims to i) modernize the current PUV fleet, ii) reform and consolidate the industry, iii) move towards low emission PUVs iv) improve welfare of commuters and encourage modal shift and v) improve standards of living of drivers, operators, and their families. There are around 200,000 jeepneys in the Philippines and 90% of which are 15 years old and above. Most are unsafe and environmentally harmful. With the recyclability index, all stakeholders namely, manufacturers, passengers, operators and government.