

Metric 11.4

AY 2024-2025



Saint Louis University

Implements Sustainable Practices Through Commuting, Remote Work, Affordable Housing, and Eco-Conscious Development and Planning Standards.



11 SUSTAINABLE CITIES AND COMMUNITIES



Indicator 11.4.7

AY 2024-2025



Saint Louis University

Collaboration with Local Authority Regarding Planning and Development



11 SUSTAINABLE CITIES
AND COMMUNITIES



SLU Collaborates with the City Government of Baguio and (MPTC) to tackle Baguio's Mobility Problems

Published in the Saint Louis University Website:

<https://www.slu.edu.ph/2024/07/17/slu-spearheads-innovation-olympics-to-tackle-baguios-mobility-challenges-partners-with-mptc-for-research-grant/>

Saint Louis University through its School of Engineering and Architecture (SEA), held the Innovation Olympics, a hackathon inviting universities across the city to propose solutions for urban mobility on 17 July 2024 at Fr. Gevers Hall, SLU Main Campus. This event, organized in partnership with the Baguio City Government and Metro Pacific Tollways Corporation (MPTC), also showcased the Baguio Smart Urban Mobility Projects.



SLU Engineering Collaborates with the Government for Barangay Waste Management Practices

Published in the Saint Louis University Website:

<https://www.slu.edu.ph/2025/05/27/smart-waste-solutions-for-a-sustainable-future-slu-ie-capstone-project-presents-aiwan-based-framework-for-barangay-waste-management/>

In a significant stride toward advancing Baguio City's sustainable urban development, the Saint Louis University School of Engineering and Architecture – Industrial Engineering Department (SLU-SEA IE) presented its capstone project titled "Evaluating Barangay Waste Management and MRF Utilization in Baguio City: An Adoption of Intelligent Waste Actions through a Smart Network System (A.I.W.A.N)-Based Framework." Unveiled on May 27, 2025, at the SIGLAT-Baguio Youth Innovation Hub, this collaborative initiative, led by student researchers and supported by the City Planning, Development, and Sustainability Office proposes a data-driven, participatory framework to enhance local solid waste management. By integrating smart technology with governance to optimize Material Recovery Facility (MRF) performance, the project directly supports Baguio's Smart City goals and aligns with UN Sustainable Development Goals 11, 13, and 17, showcasing practical, community-centered solutions.



& Announcements



Louisian Team Contributes to Policy Reform in a Barangay's Data Management System

Published in the Saint Louis University Website:

<https://www.slu.edu.ph/2025/04/28/from-classroom-to-community-louisian-industrial-engineering-research-team-contributes-to-policy-reform-in-a-barangays-data-management-system/>

On April 26, 2025, an Industrial Engineering research team from the Saint Louis University School of Engineering and Architecture presented and turned over two data management systems, named BREMS and BTRACK, which were the outcome of their capstone project, to officials of Barangay Legarda-Burnham-Kisad. The initiative aimed to provide the barangay with innovative systems that would enhance data accuracy, efficiency, and accessibility, while also supporting improved and sustainable governance. The BREMS and BTRACK are now being implemented as their official data management systems for resident records and barangay projects since April 26, 2025.

