



Template for Evidence(s) UI GreenMetric Questionnaire

University : Sisaket Rajabhat University
Country : Thailand
Web Address : www.sskru.ac.th

[5] Transportation (TR)

[5.18] Impact of Transportation programs in supporting the Sustainable Development Goals (SDGs)



Figure: Sustainable transportation programs at Sisaket Rajabhat University promoting low-carbon mobility, safety, accessibility, and Sustainable Development Goals (SDGs).



Description:

The university has undertaken a wide range of sustainable transportation programs that contribute significantly to the achievement of the 17 Sustainable Development Goals (SDGs). These initiatives reflect a strong institutional commitment to low-carbon mobility, greenhouse gas reduction, road safety, accessibility, and the development of inclusive and sustainable transport systems. Key programs include:

- Development of **integrated pedestrian pathways and bicycle networks** across campus (2,501.62 meters) to promote safe and non-motorized transport.
 - Operation of **university transportation services (14 vehicles)** supporting academic activities, fieldwork, and shared mobility.
 - Installation of **EV charging stations** to support electric vehicles and clean-energy transportation.
 - Promotion of **Zero Emission Vehicles (ZEVs)** including bicycles, electric cars, and electric motorcycles with an average of **800 vehicles per day**.
 - Implementation of **Student Bicycle Program** to encourage zero-emission mobility among students and staff.
 - Development of **carpooling and ride-sharing programs** for students and university personnel to reduce private vehicle use.
 - Installation of **solar-powered street lighting systems** along pedestrian routes to enhance safety and sustainability.
 - Development of **Zero-Emission Campus Shuttle Services (EV buses)** planned for full operation in FY2026.
 - Enforcement of **campus speed limits (40 km/h)** and traffic management measures to improve road safety.
 - Provision of **accessible pedestrian infrastructure** including ramps and disability-friendly pathways for inclusive mobility.
 - Implementation of **Walk and Bike Campaigns** and EV awareness programs to promote behavioral change toward sustainable transport.
 - Optimization of **parking management and land use planning** to reduce dependency on private vehicles and improve space efficiency.

These efforts directly support SDGs 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, and 17, and contribute indirectly to broader sustainability outcomes, including:

- **SDG 3 – Good Health and Well-being:** Promoting active transport such as walking and cycling, reducing air pollution exposure.
- **SDG 4 – Quality Education:** Ensuring safe and accessible transport for students and staff.
- **SDG 5 – Gender Equality:** Enhancing safe and inclusive transportation systems that support equal access for all genders.
- **SDG 6 – Clean Water and Sanitation:** Reducing transport-related pollution that may impact environmental and water quality.
- **SDG 7 – Affordable and Clean Energy:** Supporting electric vehicles and solar-powered infrastructure.
- **SDG 8 – Decent Work and Economic Growth:** Improving mobility efficiency for academic and operational activities.
- **SDG 9 – Industry, Innovation and Infrastructure:** Developing smart and sustainable transport infrastructure.
- **SDG 10 – Reduced Inequalities:** Providing accessible transport systems for persons with disabilities and diverse user groups.
- **SDG 11 – Sustainable Cities and Communities:** Building safe, inclusive, and low-carbon campus mobility systems.
- **SDG 12 – Responsible Consumption and Production:** Promoting shared mobility and efficient use of transport resources.



- **SDG 13 – Climate Action:** Reducing greenhouse gas emissions through sustainable transport initiatives.
- **SDG 15 – Life on Land:** Minimizing environmental impacts and supporting campus ecosystem protection.
- **SDG 16 – Peace, Justice and Strong Institutions:** Strengthening safe, well-managed, and regulated transport systems.
- **SDG 17 – Partnerships for the Goals:** Enhancing collaboration with external partners in sustainable transport development.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):