

Template for Evidence(s)

UI GreenMetric Questionnaire

University : King Mongkut's Institute of Technology Ladkrabang

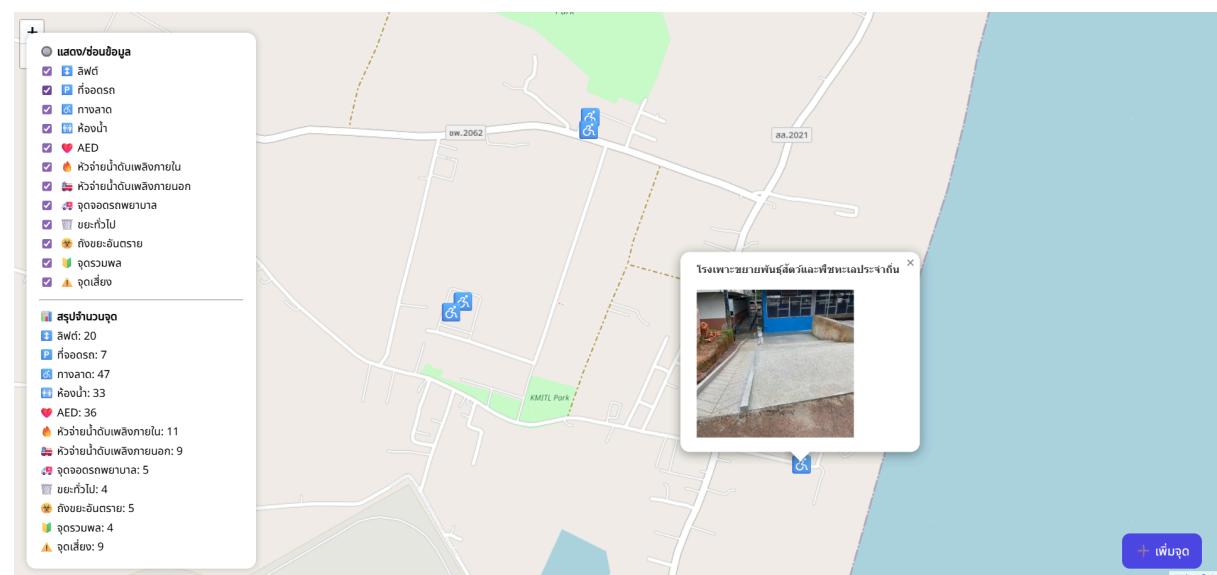
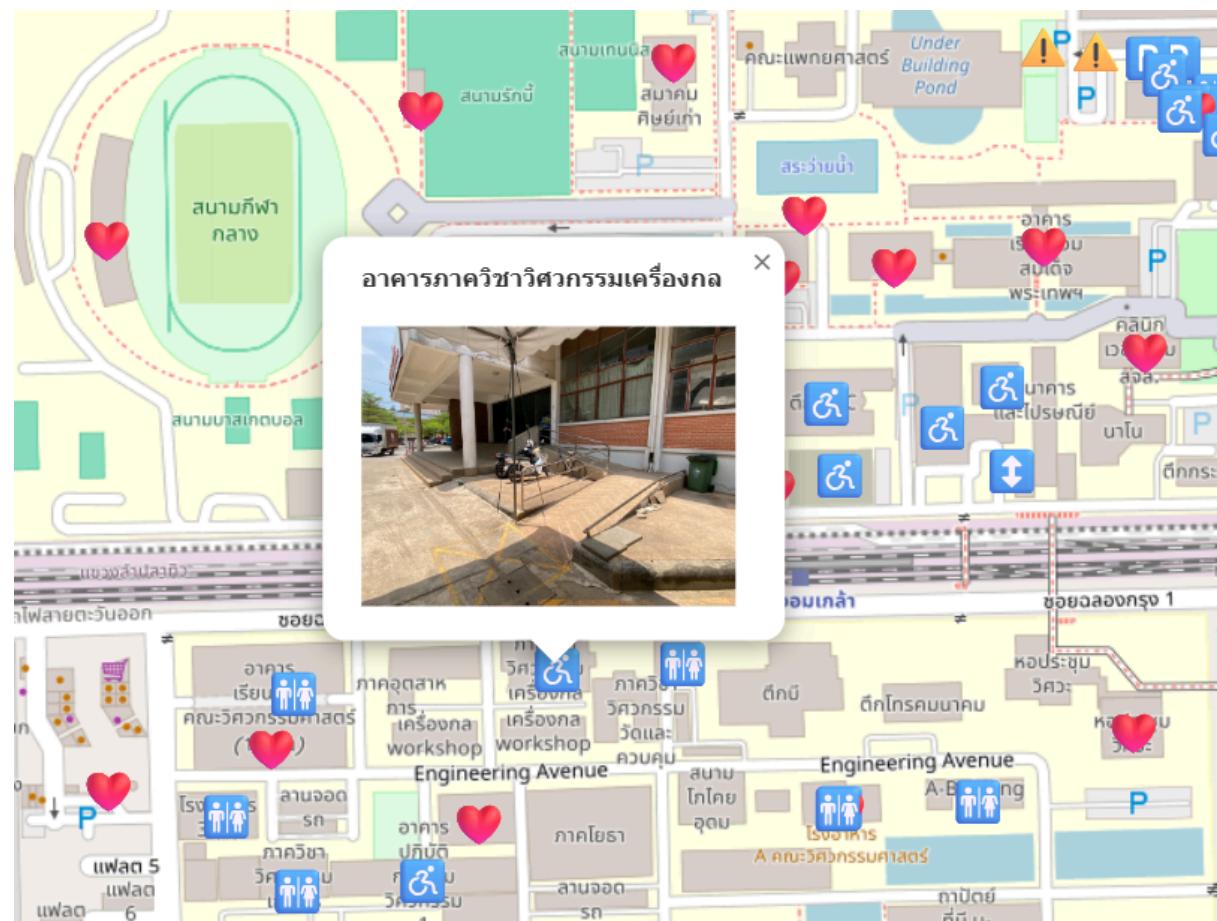
Country : Thailand

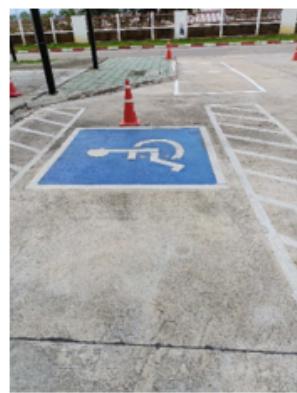
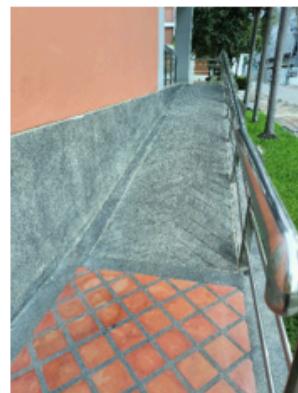
Web Address : <http://www.sustainable.kmitl.ac.th/>

1. Setting and Infrastructure (SI)

1.19. Campus facilities for disabled, special needs, and/or maternity care (SI.7)







handicap parking



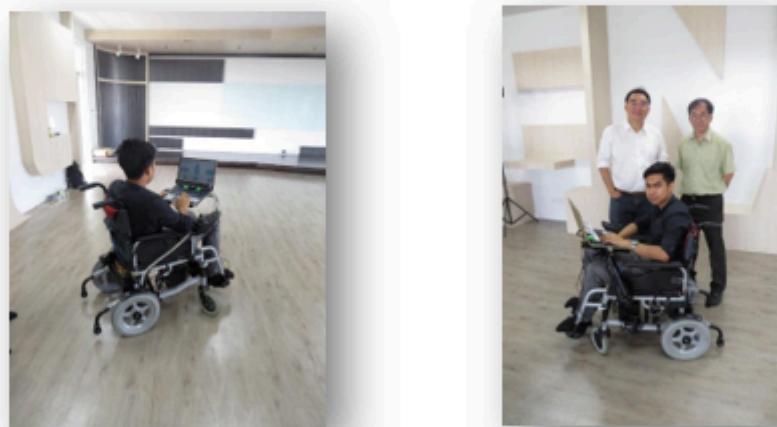
Accessible toilet



Foot keyboard for handicapped



Adjustable wheelchairs



Smart Wheelchair Based on Eye Tracking

Description

KMITL demonstrates a strong commitment to inclusivity and universal accessibility through its ICT-integrated **Smart Facility Dashboard**, which supports the planning, monitoring, and continuous improvement of campus infrastructure for **persons with disabilities, special needs, and maternity care**.

The system, accessible via <https://sunun.top/ffd/>, is a **GIS-based interactive map** that tracks and displays inclusive infrastructure in real time. Key features include:

- **47 accessible ramps and pathways** with photographic verification to ensure barrier-free movement across buildings and open spaces
- **33 accessible toilets**, strategically located for convenience across academic and residential zones
- **20 designated accessible parking spaces**, mapped and monitored for usage and availability
- **Real-time images** attached to each mapped point, allowing administrators to verify compliance and conditions remotely
- **Dynamic data layer summaries** of all inclusive facilities to support planning, upgrades, and budget allocation
- Integration of **emergency medical features** (AED stations, first aid points) close to areas where disabled or maternity-support users frequent

Additional evidence link:

<https://www.youtube.com/watch?v=iGXT1zmPn1o>

Map of KMITL and KMITL Prince of Chumphon facilities for disable: <https://sunun.top/ffd/>