

# 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)

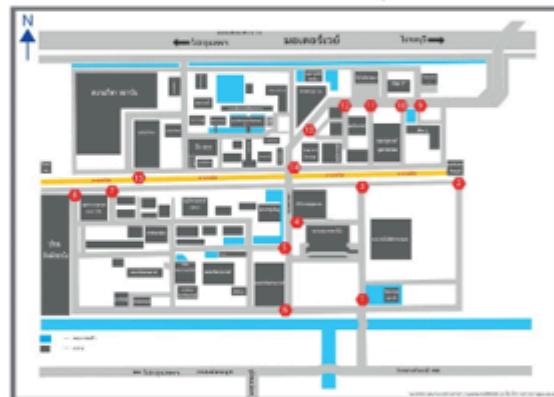
#### 1.20. Security and safety facilities (SI.8)



Fire suppression system



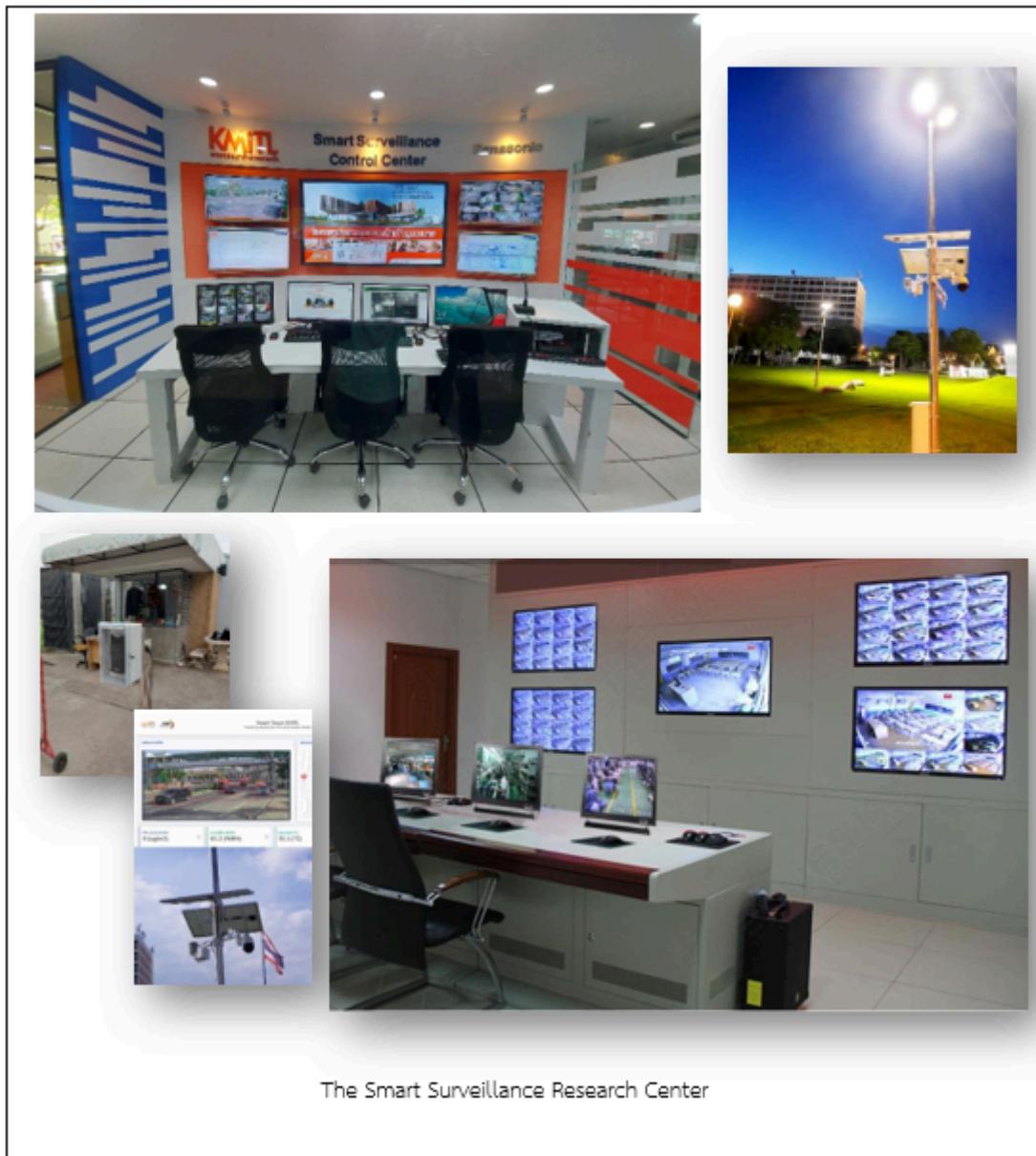
แผนที่แสดงตำแหน่งเปิด-ปิดประตูของสถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง



### Door opening system



### Automated external defibrillator



### Description:

KMITL has developed a comprehensive and ICT-integrated **Smart Security and Safety Monitoring System** to ensure the well-being of its students, staff, and visitors across campus. Through the digital platform <https://sunun.top/ffd/>, the university actively monitors and manages **security and emergency response infrastructure** using a real-time GIS-based dashboard.

The system provides full visibility and geotagged verification of the following facilities:

- AED stations (Automated External Defibrillators) accessible across academic and residential zones
- Fire hydrant stations (11 internal and 9 external), clearly marked for emergency readiness

- Emergency assembly points and 5 fire extinguisher stations, integrated with emergency planning routes
- Hospital/medical emergency points, improving response coordination
- CCTV installations (monitored through the platform) in key high-traffic and sensitive areas
- Hazardous waste disposal locations, mapped to avoid public health risks
- General waste and 5 recycling waste stations, supporting both safety and sustainability
- Real-time photo-based reports help verify equipment condition and accessibility

With a user-friendly interface and live updates, this ICT-based safety network not only enhances day-to-day campus security but also ensures proactive risk management and emergency response in line with international best practices.

**Additional evidence link:**

<https://kdmc.kmitl.ac.th/cctv/>