

5G O-RAN: Improving Tourism and Maintenance of Historic Sites

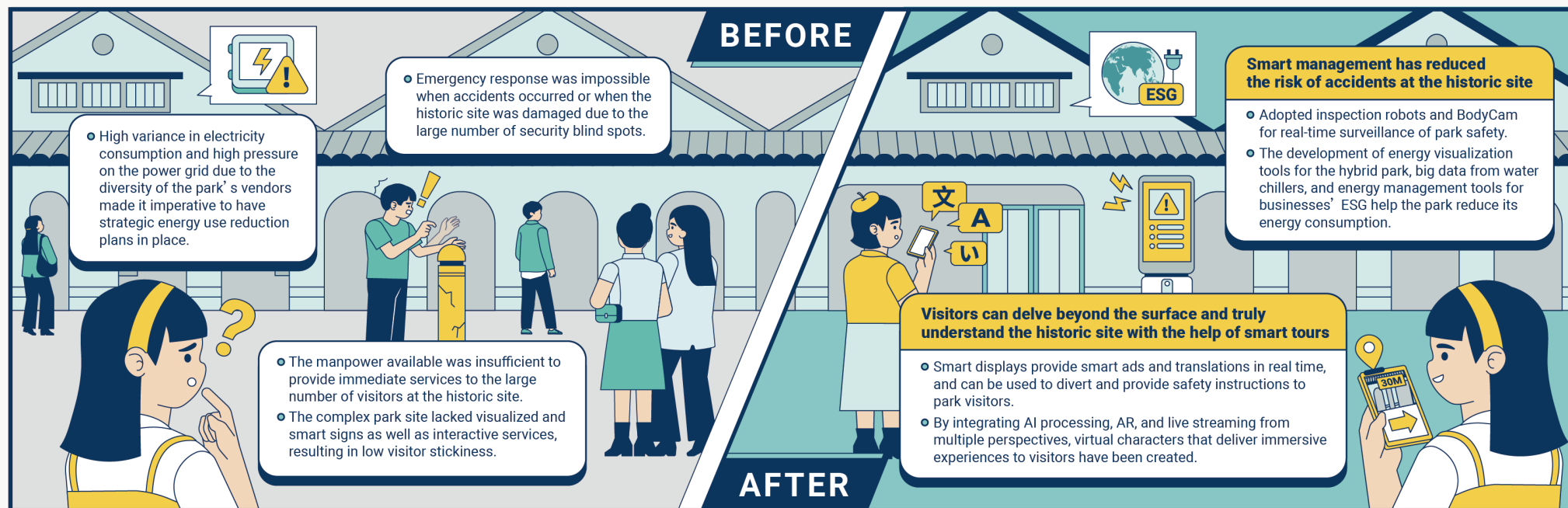
5G Private Network Smart Application Integration and Development Plan for Historical Sites – Songshan Cultural and Creative Park

The maintenance and operation of historic sites involve visitor services, safety management, and electricity use planning, among other complex tasks. The use of 5G private networks and AIoT technology has allowed service robots to be adopted in large open hybrid spaces, creating a smart sustainable historic site.

Project Results

#First in Taiwan | The technology for merging indoor and outdoor 5G networks has created a performance venue that combines a historic site, cultural and creative industries, and technology at the Songshan Cultural and Creative Park.

#The First Historic Site Energy Monitoring System in Taiwan | Installed 5G AIoT equipment to develop energy visualization tools for the complex park, collecting power data and analyzing solutions.



Key Technology

5G O-RAN

AR Interactive Tour

Inspection Robots

Technology Unit

TAIWAN FIXED NETWORK CO., LTD.

Domestic Trial Site

Taipei city