Smart Cities:
3M Innovation Improving Lives
Urbanization

- Higher Energy Demand
- Traffic Congestion
- More Pollution
- Higher Security Needs

Applying 3M Science to solve real world challenges
Smart Solutions for Utility Infrastructure

High ampacity composite conductor cables

Sensored terminations and cable accessories

Locating and marking systems
Energy Efficient Buildings: Light Management Solutions

Energy efficient window film

Daylight redirecting film

Daylight guidance system

Light from roof top

To inside building
Identity Management for Increased Safety and Security

Fingerprint identification

Facial recognition software

Color Floating image for ID authentication

Document scanner
Road Safety and Traffic Management

- Light reflective road signage
- License plate recognition camera
- Concealed security solutions and software
Robust Infrastructure Solutions

Before

Water pipe renewal liner

After

Concrete curing tape

Coating for infrastructure protection
Safety Solutions for Industrial Workers

Leader in Personal Protective Equipment (PPE)

Connecting PPE to improve worker safety and productivity
3M to spend $10m on ‘smart lab’ for urban solutions

Diversified technology company 3M will spend $10 million on a new facility that will introduce a new urban solutions lab, aimed at coming up with new solutions for cities in the region.

3M chief technology officer Ashish Mandpur yesterday said Singapore was chosen as the site for the lab due to its open and innovative atmosphere.

The lab will focus on energy management, identity management, traffic management, efficient buildings, robust infrastructure, and worker safety.

New products and solutions that emerge from the Lab will target regional customers, but he is certain that some of the research from the lab will develop into international products.

The lab which is 2,400 square meters will employ 10 engineers and scientists who can call upon the talents of 3M's global network of experts.