Connection with **IoT**, Safety life with **ICT**

**Remote Monitoring System**

- **Range expansion**
- **Information gathering**

**Members position on MAP**

- Information about members’ position, action, situation, and environment using multi-sensors

**APIA system**

- **Work enhancement**
- **Safety**

**ZigBee network**

- Mesh topology network
- Multi hop communication
- Low cost, power saving

**Using PAN without public network**

- In tunnel, or in large-scale disaster

**Rescue Support System**

- Activities
- Location
- Temperature
- Pulsation

**Connection with IoT, Safety life with ICT**

- Work enhancement
- Safety
- Members position on MAP
- Information about members’ position, action, situation, and environment using multi-sensors

**Remote Monitoring System**

- **Point 1**
  - Mesh topology network
- **Point 2**
  - Multi hop communication
- **Point 3**
  - Low cost, power saving