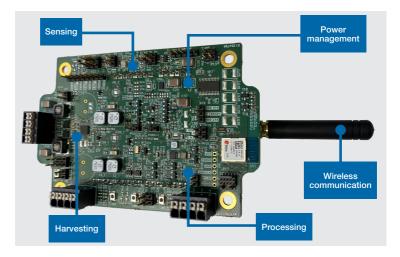


Energy Autonomous Wireless for Underground Infrastructures

Institute of Embedded Systems



- Sensing, processing and communication with low power
- Wireless communication from 2 meters underground
- Energy harvesting from temperature differences
- Low-voltage booster

.

Special energy storages for long life and regular activities



Research Area Low-power Wireless Embedded Systems Prof. Dr. Marcel Meli, marcel.meli@zhaw.ch www.zhaw.ch/ines