TOPAs aims to reduce the gap between predicted and actual energy usage to 10% and approach energy savings of up to 20%.

- Open building management system - oBMS approach for energy management

TOPAs develops tools & services to support the coordinated management of block of buildings

TOPAs is deployed in blocks of commercial and public buildings.

**Business Offering**
- Building Systems Integration
- Real time Energy Optimisation
- Energy Performance Diagnosis
- Energy Management Services
- High replicability potential by simplifying deployment, commissioning
- Extensible modular architecture - currently deployed across demonstration sites

**Validation Sites**
- IBM CAMPUS DUBLIN, IRELAND
- CIT CAMPUS CORK, IRELAND
- GALED BUILDING PANS, FRANCE

**TOPAs in Action**
- **Phase 1**: System/Building connection & connectivity, data sensing & collecting, data transport & access
- **Phase 2**: Transform data into actionable insight, models, APIs & energy services
- **Phase 3**: Applications & services – gap reduction, energy saving, FDD, data presentation, intelligent interfaces, create human value

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