# Wize Alliance:
## Connecting 12,5M sensors

**WizeAlliance**

# Founded in 2017 by GRDF, Suez and Sagemcom, Wize Alliance is an open and non-profit international association.

Promote the use and benefits of a **proven** and **industrial technology** with a guaranteed **durability until 2045**

**Export Wize technology** to penetrate **new markets** related **to industrial IoT** and **smart cities**

**Participate in standardization work** on the CEN/TC 294 European standard. *In 2018, European Standardization Committee (CEN) agreed to the participation of WIZE Alliance in CEN/TC 294.*

**Identify and coordinate a network** of utilities, industrial players, start-ups, equipment manufacturers to provide a wide range of **Wize compliant products**

WizeAlliance

# WIZE Alliance is leveraging over ten years' experience of field deployments

**+12,5 million**
*devices deployed*

**500 cities**
*in 15 countries*

**+10**
*years deployment*

*Urban, semi-urban and rural areas*

WizeAlliance

# Over 40 companies have already joined the Alliance

# Wize Alliance aims to export the technology and enter new markets

## *Industrial Internet of Things Applications*

**METERING**

**SMART CITIES**

**WASTE MANAGEMENT**

**CONNECTED FACTORY**

**RENEWABLES**

WizeAlliance

# Wize core use cases: technical building management in smart cities and industrial sites



**Energy & environmental smart metering and monitoring**

**CO2 , temperature monitoring...**

**Door or elevator malfunction monitoring**

**Intrusion detection**

**Technical systems monitoring: boiler, A/C, ventilation, lightening**

**Level monitoring of containers or tanks (waste, oil,...)**

WizeAlliance
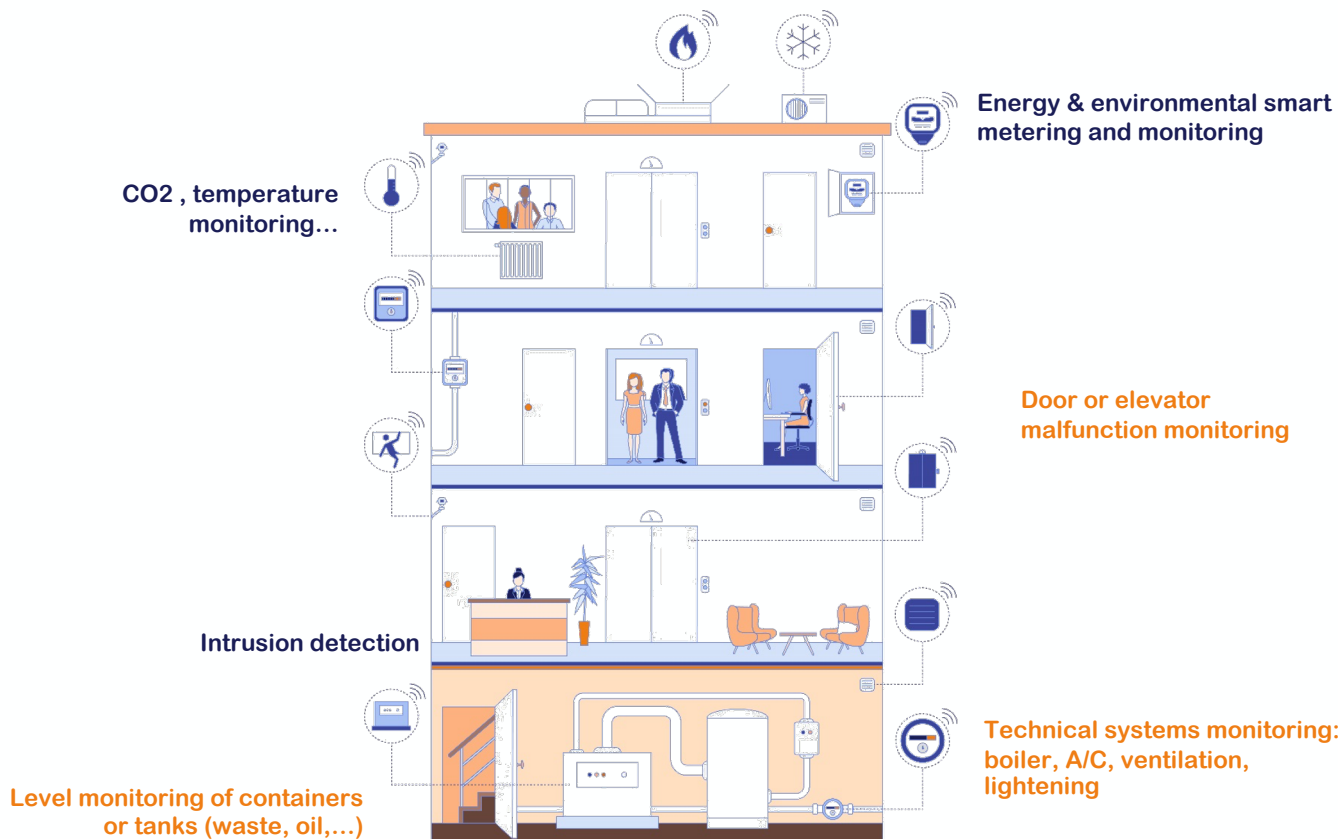
# Wize promotes and develops proven solutions by and for the needs of utilities and industry

- **Large volume of objects**

- **Constraint of accessibility of objects (buried objects)**

- **Technology experienced in constrained industrial environments**

- **Reliable and robust communication**

- **Long range for low power consumption**

- **Bi-directionality**

- **Clean and license-free frequency band** (169MHz in Europe with few occupancy of the spectrum)

- **Open: Communication Technology** (EN13757)

- **License-Free RF chip Manufacturing**

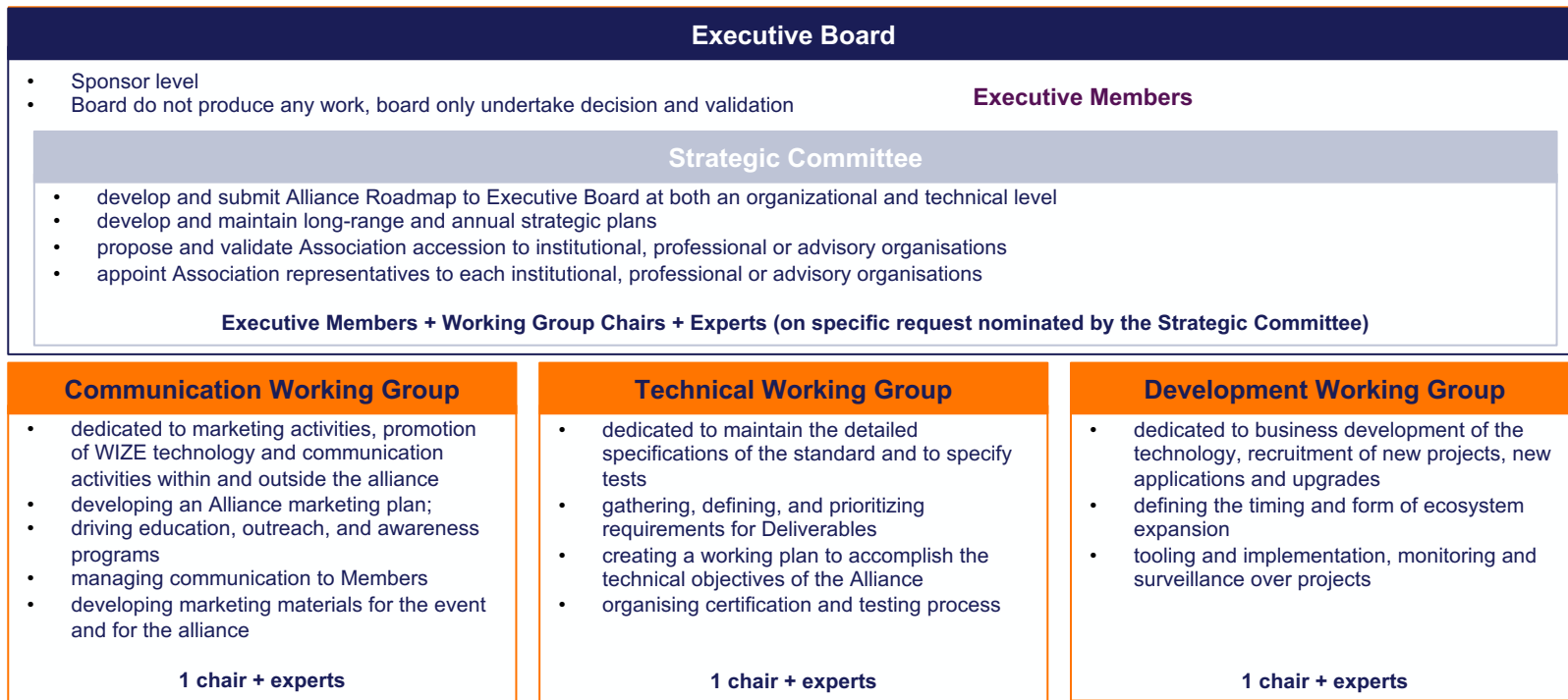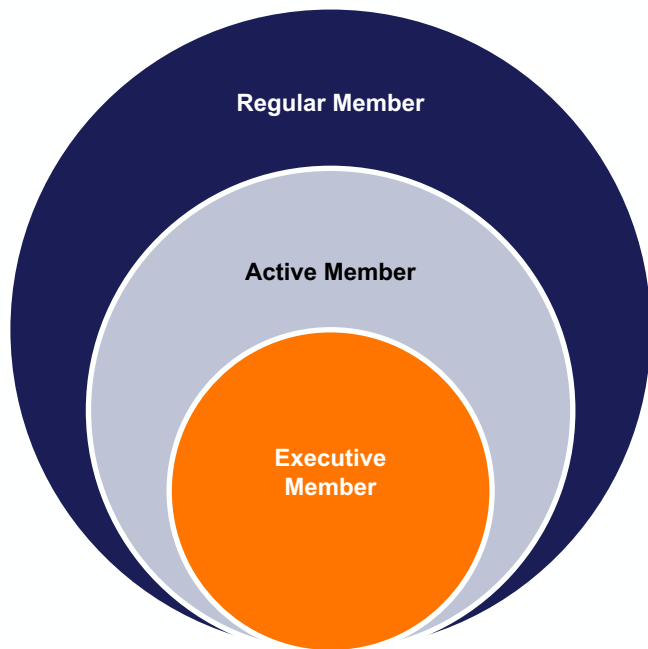**9 million**
meters deployed

**500 cities**
in 15 countries

**2005**
12 y. experience

Networks deployed in France, Spain, Malta, UK, Portugal and pilots in China, Singapore, Chile, Indonesia, Colombia

WizeAlliance

# Governance relies on a board which undertake decisions and Committees which produce work and deliverables.

## Executive Board

- Sponsor level
- Board do not produce any work, board only undertake decision and validation

**Executive Members**

### Strategic Committee

- develop and submit Alliance Roadmap to Executive Board at both an organizational and technical level
- develop and maintain long-range and annual strategic plans
- propose and validate Association accession to institutional, professional or advisory organisations
- appoint Association representatives to each institutional, professional or advisory organisations

**Executive Members + Working Group Chairs + Experts (on specific request nominated by the Strategic Committee)**

| Communication Working Group | Technical Working Group | Development Working Group |
|---|---|---|
| • dedicated to marketing activities, promotion of WIZE technology and communication activities within and outside the alliance<br>• developing an Alliance marketing plan;<br>• driving education, outreach, and awareness programs<br>• managing communication to Members<br>• developing marketing materials for the event and for the alliance | • dedicated to maintain the detailed specifications of the standard and to specify tests<br>• gathering, defining, and prioritizing requirements for Deliverables<br>• creating a working plan to accomplish the technical objectives of the Alliance<br>• organising certification and testing process | • dedicated to business development of the technology, recruitment of new projects, new applications and upgrades<br>• defining the timing and form of ecosystem expansion<br>• tooling and implementation, monitoring and surveillance over projects |
| **1 chair + experts** | **1 chair + experts** | **1 chair + experts** |

WizeAlliance

# WIZE Alliance is structured around three levels of membership



## 1. Executive Member       30 k€ //year

- Players with ongoing deployments of products / services or existing networks
- Active contributors to technology evolution strategy
- Serve on the Executive Board, Participate in Working Groups
- Validate Deliverables

## 2. Active Member       10 k€ / year

- Players with compatible services or products
- Active contributors to operational activities
- Participate in Working Groups
- Contribute to Deliverables

## 3. Regular Member*       3 k€ / year

- Players with interest in the technology
- Specific contributors to operational activities
- Access to specifications

\* Free of fees for academics and start-ups

# Members Rights

| Rights | Executive | Active | Regular |
|---|:---:|:---:|:---:|
| Eligibility for a seat on the Executive Board | ● | | |
| Initiate Working Group | ● | | |
| Chair Working Group | ● | ● | ● |
| Participate in General Assembly | ● | ● | ● |
| Vote in general assembly | ● | ● | ● |
| Submit Deliverables for final approval by the Executive Board | ● | | |
| Contribute and access to draft Deliverables | ● | ● | |
| Access to Wize final Deliverables | ● | ● | ● |
| Have certified Wize compliant products | ● | ● | ● |
| Participate in press articles and interviews regarding the Alliance | ● | ● | ● |
| Access private area of the website dedicated to Members | ● | ● | ● |
| Receive Alliance's communications | ● | ● | ● |

# THANKS

www.wize-alliance.com