



## EFFICIENT SMART MUNICIPAL BUILDINGS

Dr Levent Gürgen  
CEO

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**kentyou**

Open Innovation Enabler For Smarter Cities

# MISSION OF KENTYOU

Help cities to tackle today's and tomorrow's social, economic and environmental challenges



sensiNact  
data platform

sensiNact  
analytics

sensiNact  
app platform



Transport



Parking



Waste



Water



Energy/  
Lighting



Security



Urban  
planning



Economy



Air/climate



# PROBLEM STATEMENT

## Lack of Energy- and People-Efficient Management of Buildings



Minimising energy cost



Maximising user well-being

*16 % of world energy consumption is wasted because of inefficient energy management in buildings*

Source: IAE, Smart buildings in smart cities by Siemens

*When buildings are occupied, indoor air can be 5 to 8 times more polluted than outdoor air*

Source: Agility Effect

# BUILDINGS – KEY TARGET OF CITIES FOR ENERGY EFFICIENCY

Perfect product – market fit!



> €100 billion global smart building market size



10% - 12% are public buildings

Large municipal building parks



Municipal Buildings



Social Housing



Public Schools



Municipal Facilities

Opportunities

- European directives - 90% cut by 2050 wrt to 1900 values!
- 1/3 of EU buildings > 50 years old
- Limited ability to deploy new IoT devices
- Cost efficiency
- Privacy constraints



Cities, regions, municipality communities,...



kentyou

Smart Building Monitoring Platform  
Empowered with IoT + AI



Open



Plug & Play



Multi - Standard



Modular

Non-intrusive occupancy inference for more efficient buildings





# KENTYOU'S DREAM TEAM



One year old.

Dr. Levent Gürgen



CEO

Tim Ward



CTO

Bertrand Copigneaux



COO

Dr. Sofia Kleisarchaki



Data scientist  
and developer

Christophe Munilla



Software architect and  
full-stack developer

- Awarded **Star of Europe** for its successfully conducted R&D projects
- Involvement in more than **15 smart city deployment projects**
- **Chair of the IoT Expert Group** of the OSGi Alliance standardisation body
- Strategic Member and President of UTA, a global alliance on smart cities



Worldwide Testing Environment for Smart City Solutions





*" WHAT IS  
THE CITY  
BUT THE  
PEOPLE? "*

W. Shakespeare

Thank you for your attention !