



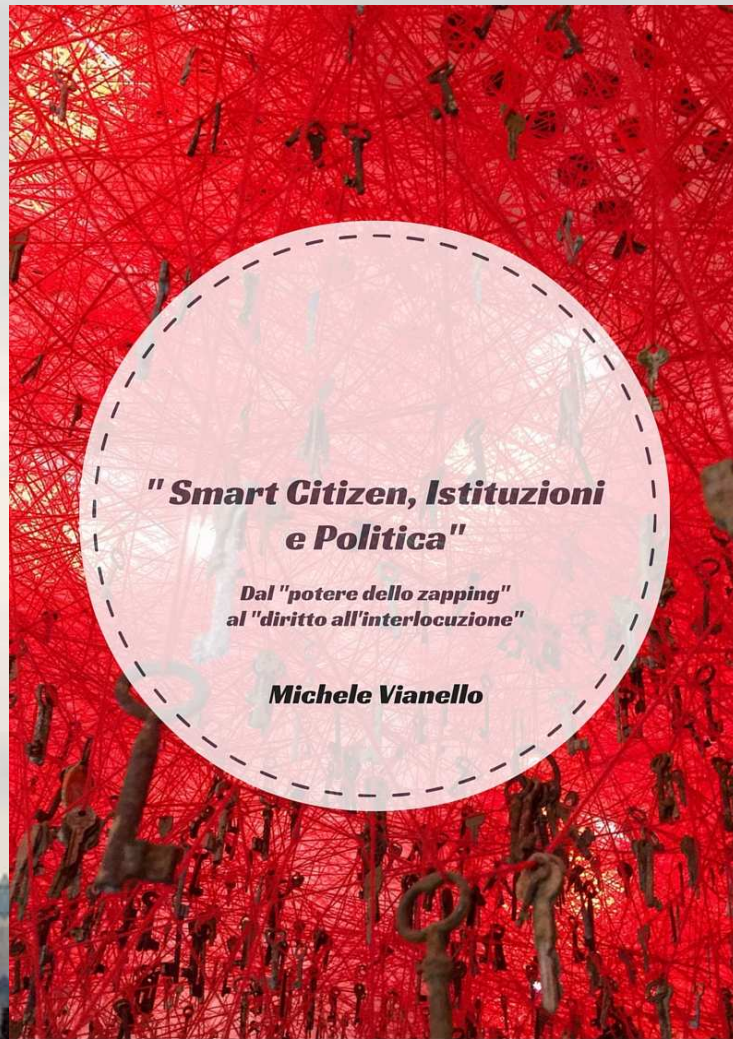
Progettare il Progettista

***SMART CITY***

**Smart City e Smart Grid.  
La tecnologia al servizio della  
Città**

Michele Vianello

Digital Evangelist Ars & Inventio



Ciao presentiamoci.....  
Sono il "Digital Evangelist" di Ars et Inventio

Mi occupo di innovazione dei territori e delle  
imprese

Sono un esperto di social networking  
Sono consulente di aziende private  
e enti pubblici

Utilizzo Lego Serious Play  
Sul web sono conosciuto come  
#nomadworker

Mi trovate su Facebook,  
Linkedin, Instagram....  
praticamente su ogni social network  
Su Twitter sono @michelevianello  
Se volete seguirmi il mio blog é  
[www.michelevianello.net](http://www.michelevianello.net)  
oppure iscrivetevi alla mia  
newsletter [mivianello@gmail.com](mailto:mivianello@gmail.com)

Come direbbe Seth Godin  
sono considerato uno "starnutitore"  
vediamo se funziona anche con voi.....

A photograph of a densely packed hillside of brick buildings, likely a favela. The buildings are constructed from red and brown bricks, with some painted in various colors like blue, yellow, and green. A central text box is overlaid on the image, containing the text: "La 'Smart City' è un percorso di innovazione continua, e non una destinazione finale".

**La "Smart City" è un  
percorso di innovazione continua,  
e non una destinazione finale**



**METTERE AL CENTRO LE PERSONE  
L'I.C.T. È LA RIVOLUZIONE DELLA  
CONOSCENZA  
E DELLE RELAZIONI TRA LE PERSONE**

Michele Vianello @michelevianello  
<http://www.michelevianello.net>



**SAP**

Buenos Aires



**PHILIPS**

**91000  
LAMPIONI**

**TRAFFICO**

**DEFUSSO  
ACQUE DOPO I  
TEMPORALI**

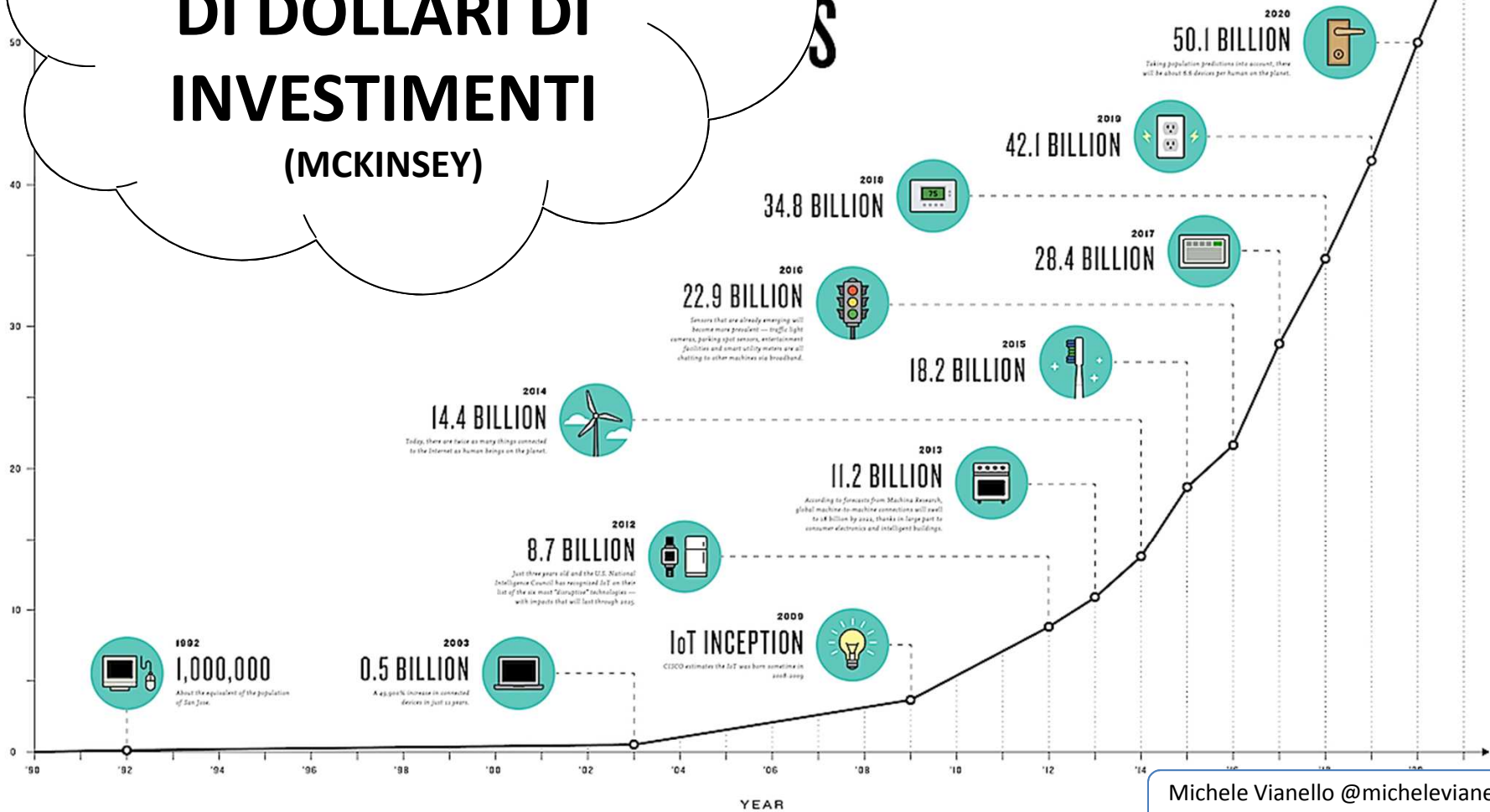
**AFFOLLAMENTO  
FERMATE  
BUS**

**DIPONIBILITÀ  
DI PARCHEGGI**

**Riduzione del 50% dei  
consumi energetici**

# ENTRO IL 2025 1.700 MILIONI DI DOLLARI DI INVESTIMENTI (MCKINSEY)

BILLIONS OF DEVICES



## Home



Internet of Things focused on residential segment. Solutions include home security, automation, energy management, etc.

## User Interface



Hardware that offers new ways to view and/or control digital devices and applications

## City and Infrastructure



Smart City and Infrastructure verticals

## Platforms and Components



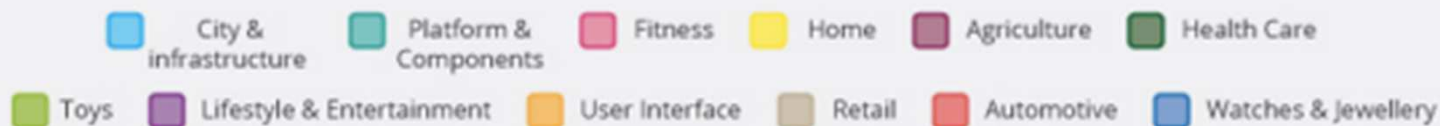
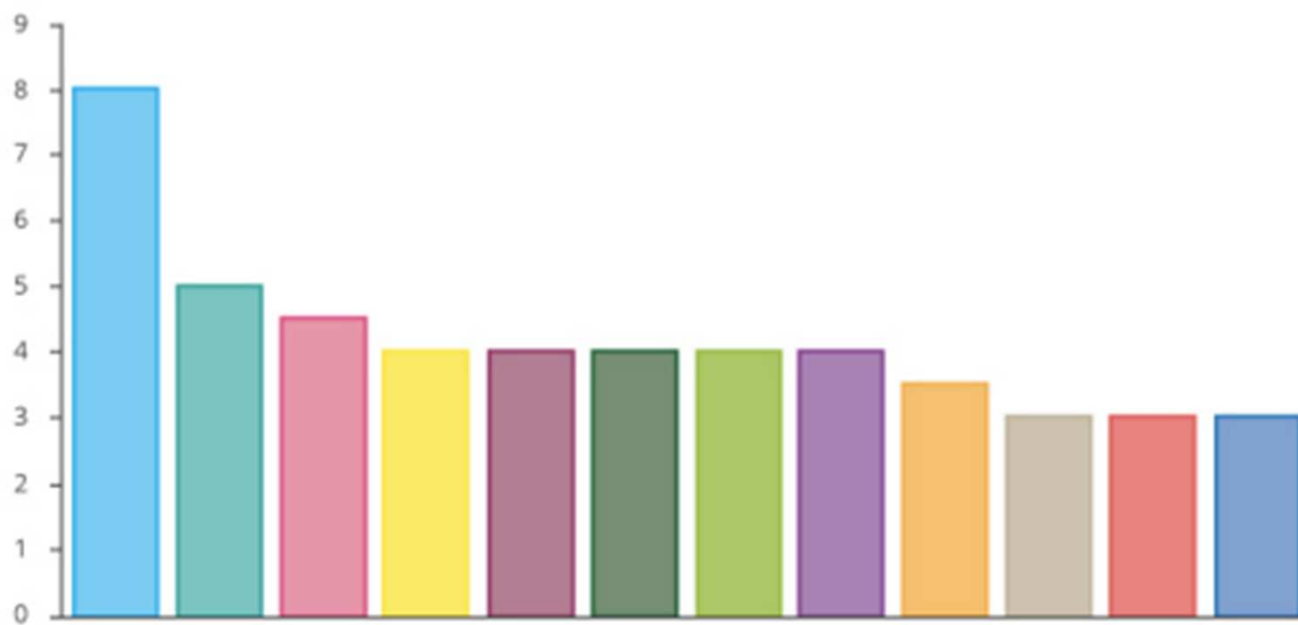
Platforms that enable machine to machine (M2M) communication

## 2. Number of Companies Per Category

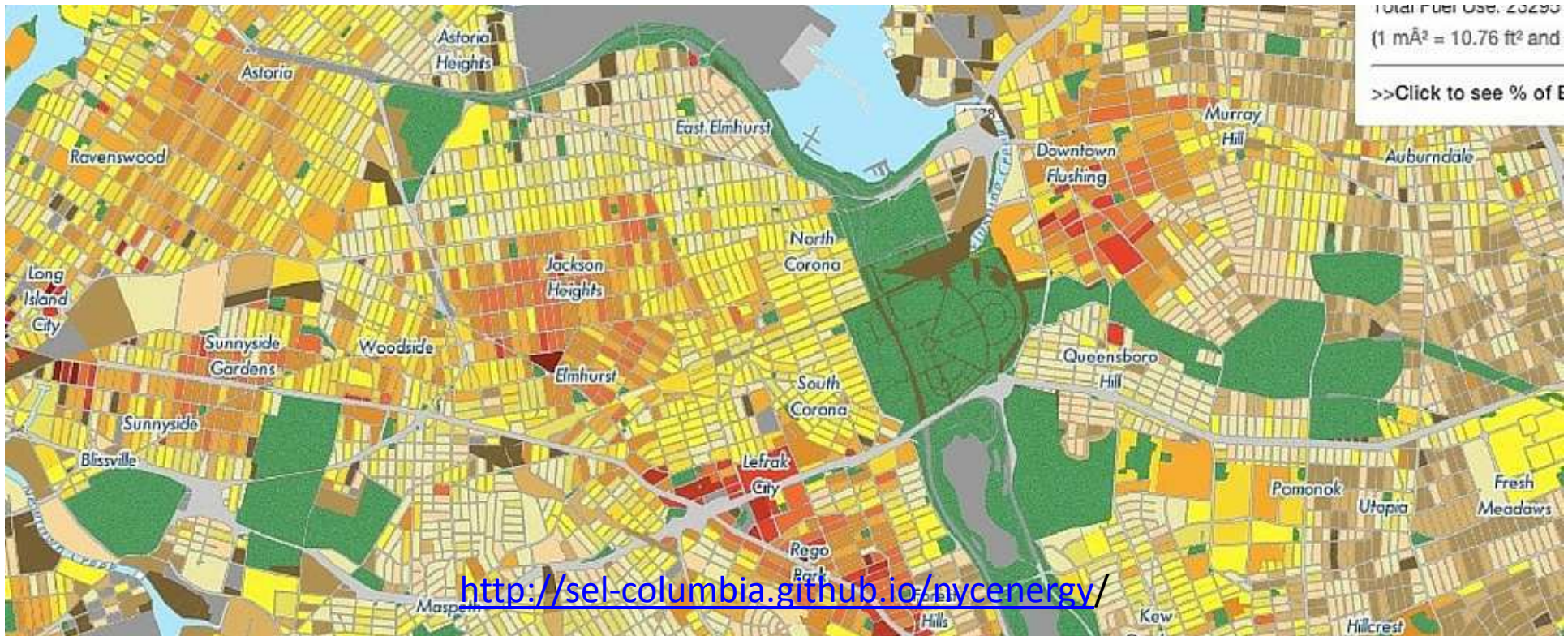
Which IoT Categories Are Seeing the Most Innovation?  Venture Scanner

## 6. Median Age of IoT Categories

IOT Category Maturity Level  Venture Scanner







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## Model Created to Map Energy Use in NYC Buildings

SHARE ...

Cities across the globe are trying to develop plans to cut down their energy consumption and lower their carbon footprint by reducing the associated greenhouse gas emissions. While initial efforts have focused on individual buildings by incorporating more energy efficient lighting, windows, and building envelopes, there is a growing call for changes beyond individual buildings, requiring a rethinking of how future infrastructure should evolve.

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# London

51.51 N, 0.13 W

Wed 24 Feb @ 13

Go to Map - Go to Grid

## WEATHER STATION (CASA TEAM)

STATION	WIND SPEED	WIND GUSTS	DIRECTION	TEMPERATURE	HUMIDITY	RAIN TODAY	PRESSURE	FORECAST
CASA Office: Bloomsbury W1	2.0 mph	10.0 mph	NE ✓	8.4 °C	49%	0.0 mm	1016.15 mbar	Cloudy Night
EM Weather: Walthamstow	0.0 mph	0.0 mph	NE ✓	0.0 °C	67%	0.0 mm	1013.8 mbar	Cloudy
SJG Weather: Pinner HA5	0.0 mph	4.0 mph	NE ✓	9.1 °C	61%	0.0 mm	1011.62 mbar	Hard Rain

## WEATHER (METAR)

**London City Airport**  
 Mostly clear  
 E at 8 mph  
 7 C

## FORECAST (Y)

Wed  
**7 C**  
 Mostly Sunny  


## TUBE LINE STATUS (TfL)

Bakerloo	Good Service
Central	Good Service
Circle	Good Service
District	Good Service
H & C	Good Service
Jubilee	Good Service
Metropolitan	Good Service
Northern	Good Service
Piccadilly	Good Service
Victoria	Good Service
W & C	<input type="button" value="more"/>
Overground	Good Service
DLR	Good Service

## LONDON CYCLE HIRE (TfL)

5.6% 5.5%  
 9587 Bikes Available  
 362 Bikes or Docks Faulty



## IN SERVICE (TfL)

6769  
 379 Underground trains

## AIR POLLUTION (DEFRA)

$\mu\text{g}/\text{m}^3$ TIME AVGD	OZONE	NO <sub>2</sub>	SO <sub>2</sub>
Bloomsbury	2	11	23
Marylebone Rd	?	14	16
N Kensington	6	10	15

## BICYCLES (LBH)

Goldsmiths' Row  
**4206**  
 yesterday

## STOCKS (YAHOO)

FTSE 100 Index  
**5873.28**  
 -89.03 (-1.52%)

## TRAFFIC CAMERAS (TWO AT RANDOM) (TfL)



## BBC LONDON NEWS (BBC)

Transport sex crimes rise by a third Man chasing after dog killed by car Ebola nurse 'stable' in London  
 Michele Vianello @michelevianello  
<http://www.michelevianello.net>

## OPENSTREETMAP UPDATES (OSM)

Started demolition on 16 Minories added Rutland Lodge in Richmond Started demolition on 15 Minories Update bus route 108. Update bus route 108. Revert shortlived one-way street markings meridian

*THE INTERNET **OF EVERYTHING** IS HERE.*

As the Internet evolves, so will we.



***37 billion** new things will be **connected** by 2020.*

**I.O.T .... COSA CI INTERESSA???**

**UNA IDEA DI PERVASIVITÀ**

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<http://www.michelevianello.net>

#IoE #TomorrowStartsHere





# L'inarrestabile diffusione delle "interfacce mobili"

Michele Vianello @michevianello  
<http://www.michevianello.net>

# Domotica

## di DynMaker Sagl

Apri iTunes per acquistare e scaricare le app.

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<http://www.michelevianello.net>

[Altre app da questo sviluppatore](#)



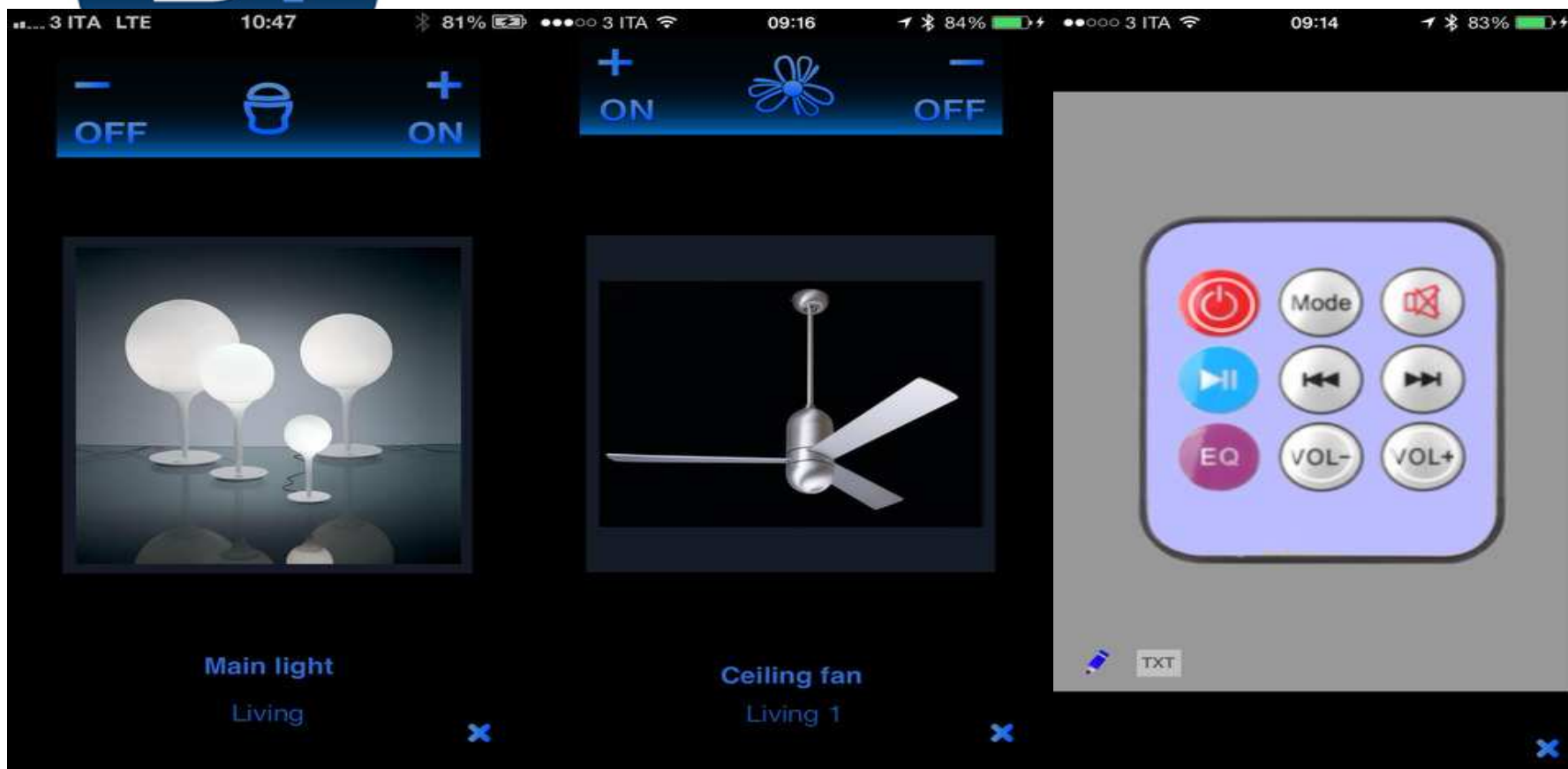
### Descrizione


L'applicazione permette il controllo domotico della casa e dell'ufficio. In particolare le funzionalità consentono di:

- controllare la termoregolazione, sia per gli impianti 4 zone sia per gli impianti 99 zone

[Sito web di DynMaker Sagl](#) ▶ [Supporto per Domotica](#) ▶ [Accordo di licenza per l'uso di applicazioni](#) ▶

[...Altro](#)





ma anche ....  
social network  
di nuova generazione

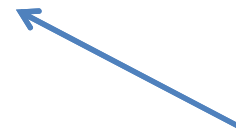
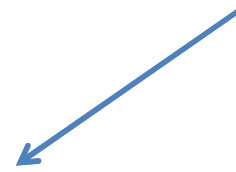
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**I.O.T .... COSA CI INTERESSA???**

**NON SENSORI .... MA DATI**

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Flussi di dati che generano conoscenza



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A hand holds a glowing lightbulb in the center of the frame. The background is a deep blue with several white icons representing various technologies: a mobile phone, a tablet, a camera, a television, a speaker, and a remote control. A horizontal line of light passes through the scene, and a blurred image of a man's face is visible on the right side.

**Il futuro é la predittività**

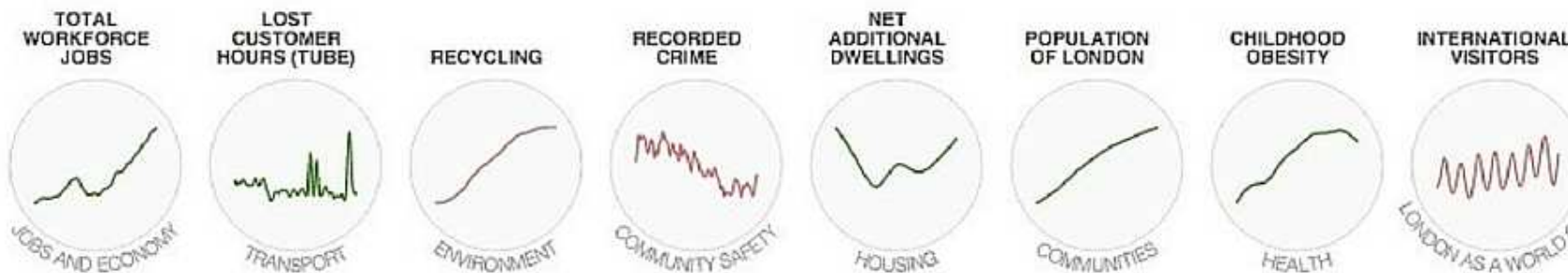
# LONDON DATASTORE

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<http://data.london.gov.uk/>

Latest Updates: Use of public libraries, Visits to museums and galleries, and Engagement in the arts *Modified 1 day ago*



A LEGO Star Wars scene set on the planet Tatooine. In the foreground, Obi-Wan Kenobi (with a beard and orange headband) and Anakin Skywalker (with a brown hood) are shown. Obi-Wan is holding a green lightsaber that is glowing. Anakin is holding a blaster. In the background, there are other LEGO figures, including a Stormtrooper and a character in a hat, and a large, glowing blue figure of a character's face in the sky. The scene is set against a dark, starry sky with a large moon.

**I.O.T .... COSA CI INTERESSA???**

**DATI DI “INTERESSE PUBBLICO”  
LA NOVITÀ F.O.I.A.**

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A large yellow warning triangle with a thick black border and a black exclamation mark in the center. To the left of the triangle is a yellow cloud containing the word 'PRIVACY', and to the right is another yellow cloud containing the word 'HACKER'.

**PRIVACY**

**HACKER**

# Smart Cities

Ready to go!

energy  
efficiency  
measures



**Le vostre critiche,  
i vostri suggerimenti,  
i sono benvenuti !!!!  
Cercatemi, un caffè con  
voi lo bevo ben  
volentieri**

.....

**sono facilmente  
rintracciabile sul  
web!!!!**



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mivianello@gmail.com**