The IoT revolution will not be televised

Manolis Nikiforakis

IoT Athens Meetup & TTN Athens

Historical IoT community milestones

- GNU / Linux / Open Source 90s
 - ~80% companies today run on open source software
- Arduino 2005
 - 1M+ official boards (20 products) xM clones/compatible boards (300+ products)
- Maker movement 2005
 - 1.2 M attendees to Maker Faires around the world last year
- Crowdfunding 2010
 - \$2B, 100k Projects on Kickstarter
- Raspberry Pi 2012
 - o 6M+ boards
- Incubators/VCs for IoT startups
 - Makers turn into markets

Future

By 2018, nearly 50% percent of the Internet of Things (IoT) solutions will be provided by startups which are less than three years old.

- Gartner

IoT meetups worldwide

939 groups with **341,735** members



http://www.meetup.com/topics/internet-of-things/

Athens IoT Meetup

- Founded Feb 26, 2015
 - o by Manolis Nikiforakis & resin.io
- 369 members
 - ~40 present on events
- 3 events so far
 - hosted at "TheCube"

Athens IoT Agenda

IoT Technology share

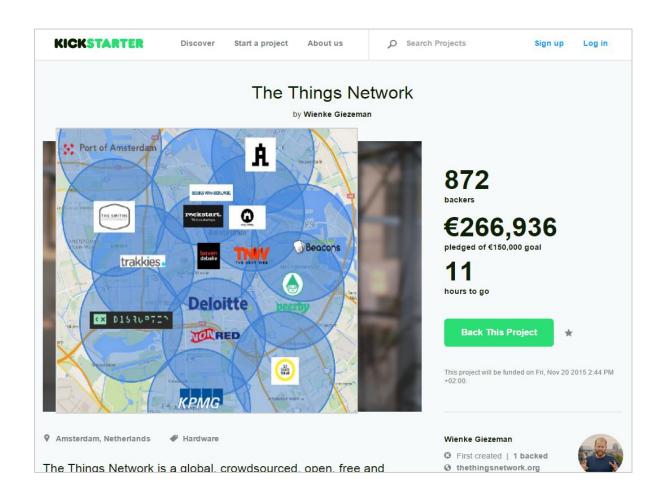
- Linux containers
- KNX, Z-Wave, Node-RED
- o OpenHab
- mySensors
- ESP8266

Startups/Projects

- o resin.io
- SatNOGS
- codebender
- urban hydroponics
- TheThingsNetwork Athens

The Things Network - Athens

open IoT network
by/for its users



Athens Grassroot Smart City



AWMN Athens
EWN Evia
IWMN Imathia
TRWN Tripoli

TWMN Thessaloniki

WiMAN Agrinio WirAN Agrinio **TRWN** Trikala **CWN** Corfu **HSWN** Heraklion WNK Korinthia LWN Larissa **CYWN** Cyclades **ASWN** Aegean **LWMN** Lamia MessWN Messinia **PWMN Patras**

Drama

Kavala

Kos

DWN

KWN

KVWN



TTN - Athens

21 core members with support by:



















Thank you!

Manolis Nikiforakis manolis @ exm.gr