

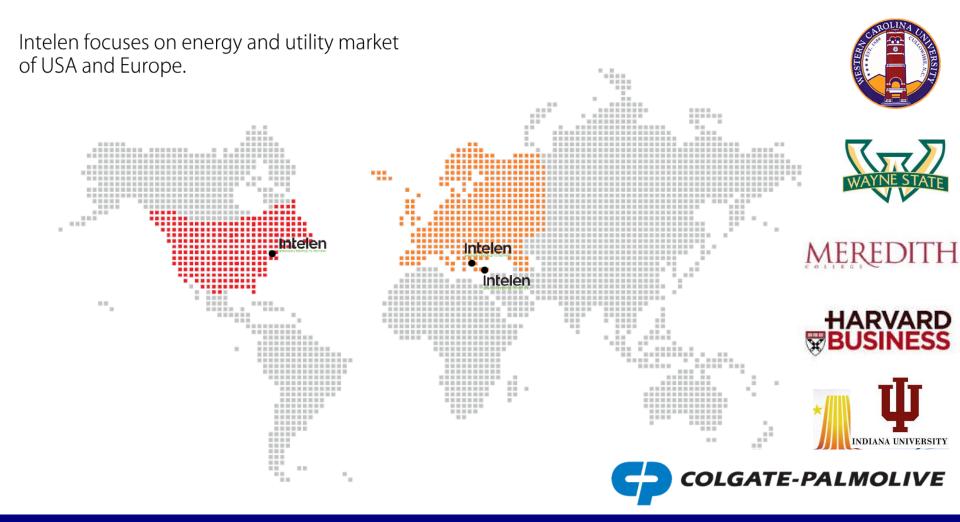
Improving Energy Efficiency in Greek Schools with IPv6-enabled Smart Meters

Vassilis Nikolopoulos, PhD

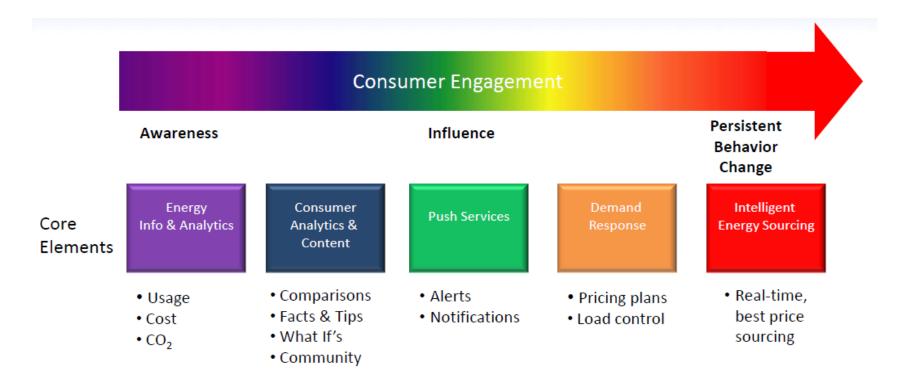
CEO & co-founder Intelen, Inc



Intelen is a technology and engagement software provider focusing on the energy utility sector.







Human engagement life-cycle



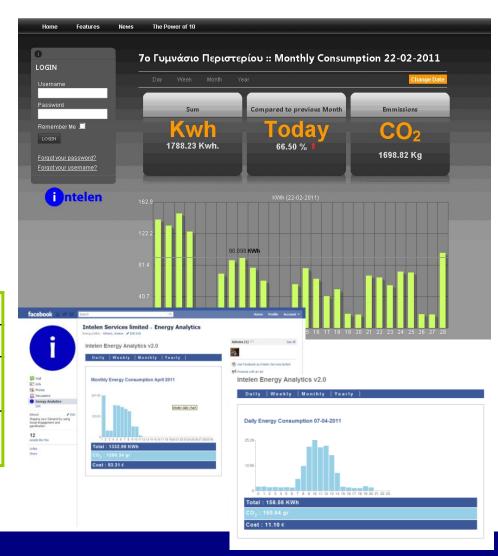
The Power Of Ten reference project



Proof of value project

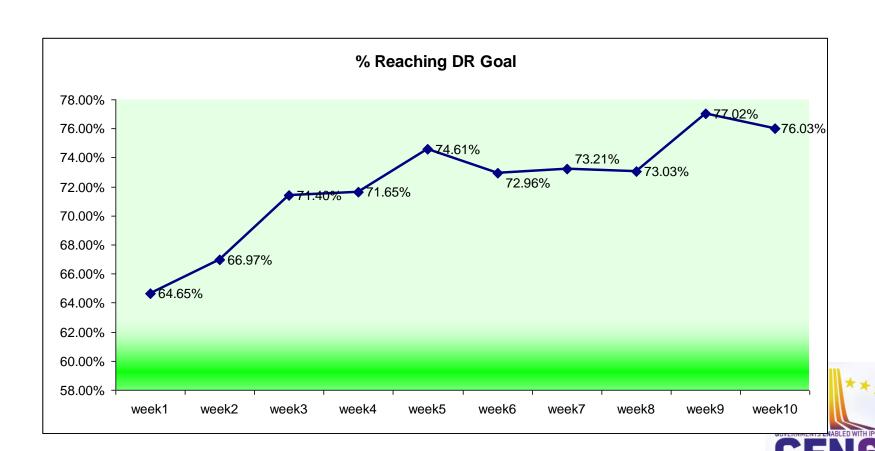
- A 12 week project (Feb-May 11)
- Prove that through competition and games in Intelen & Facebook platform, a noticeable shape of demand can be achieved.

AVG Engagement time	23 min
AVG Playing time	3,6 hrs/day
AVG annual cost reduction during games	2.200 €
AVG energy reduction during games	29%





Student Engagement graph



GEN6 Greek Pilot case



- Mobilise school communities for environmental protection
- Raise energy awareness in between students
- Raise awareness in new technologies, especially IPv6

The pilot aims to:

- interconnect intelligent smart meters over IPv6 in 50 schools
- influence the behavior of the school communities so as to reduce energy
- energy related information from participating schools will be recorded using smart meters
- disseminated to the users via a secure communication channel



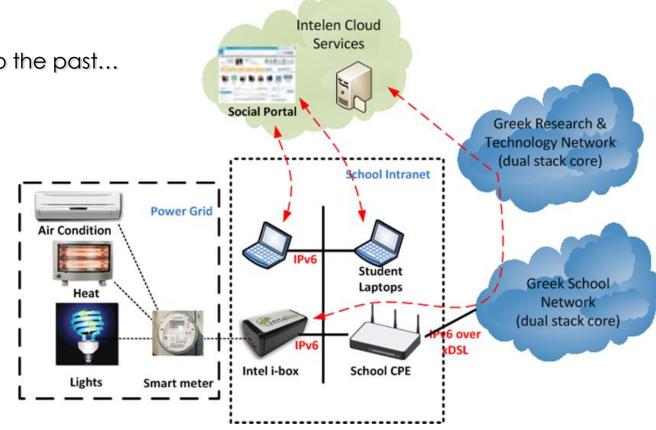
Intelen



IPv6 on Smart metering & Smart Grids



- Internet Of Things (IoT) approach
- Point to Point connections
- P2P Data Analytics
- N-tier model bellongs to the past...





GEN6 EU project





GEN6 Energy Consumption Educational Material Activities Contact

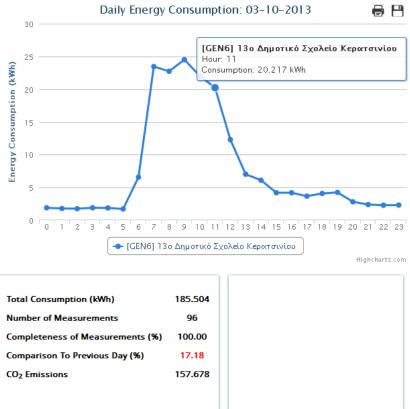
You are here: Home » Monitoring School Energy Consumption

Home

- CTI
- GRI
- Inte







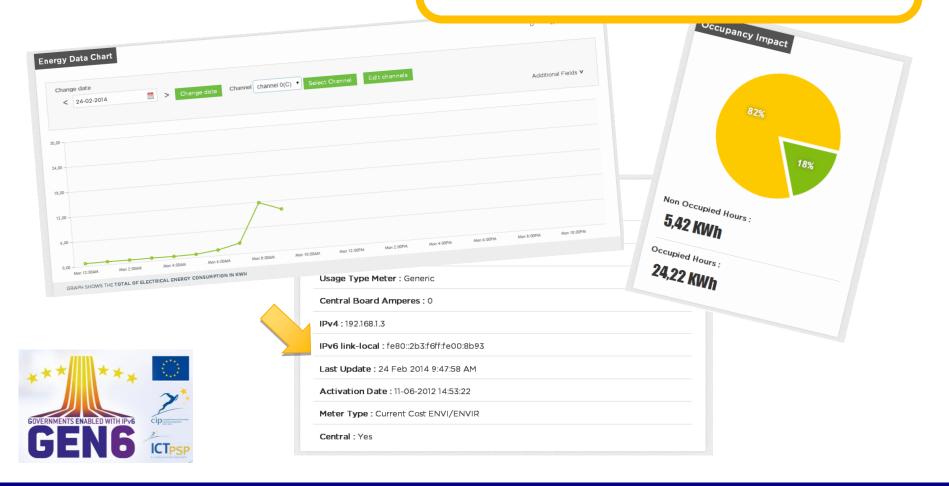


Ranking information here

GEN6 EU project



Use the energy meters to watch their real time progress online

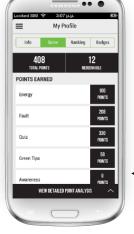


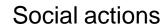


Mobile App









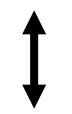
















School meters







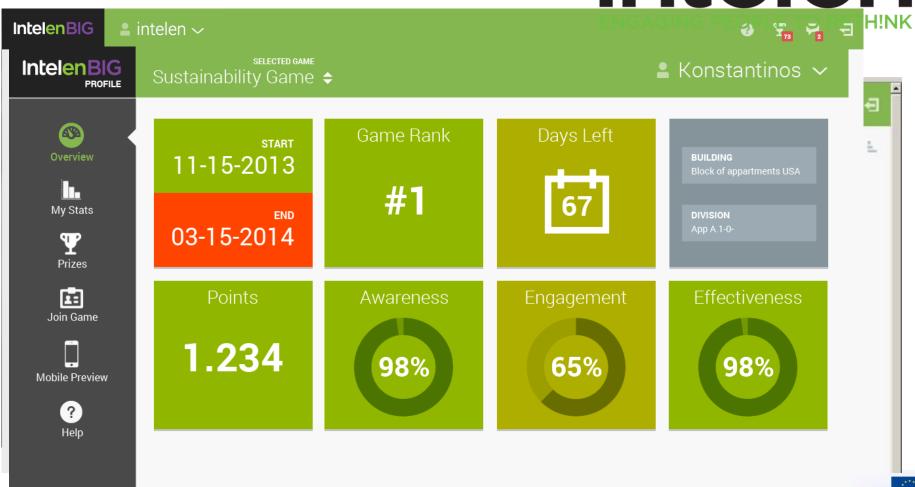


Public energy data portal



Intelen

© Intelen 2013



This dashboard was generated on 09/12/13 at 3:24:34 pm // Refresh dashboard now





Join Social IoT communities and save energy



http://www.intelen.com

http://www.gen6.eu

Intelen, Inc. 805 3rd Avenue Suite # 902 NY 10022 New York, USA info@intelen.com

