

Green Digital Charter

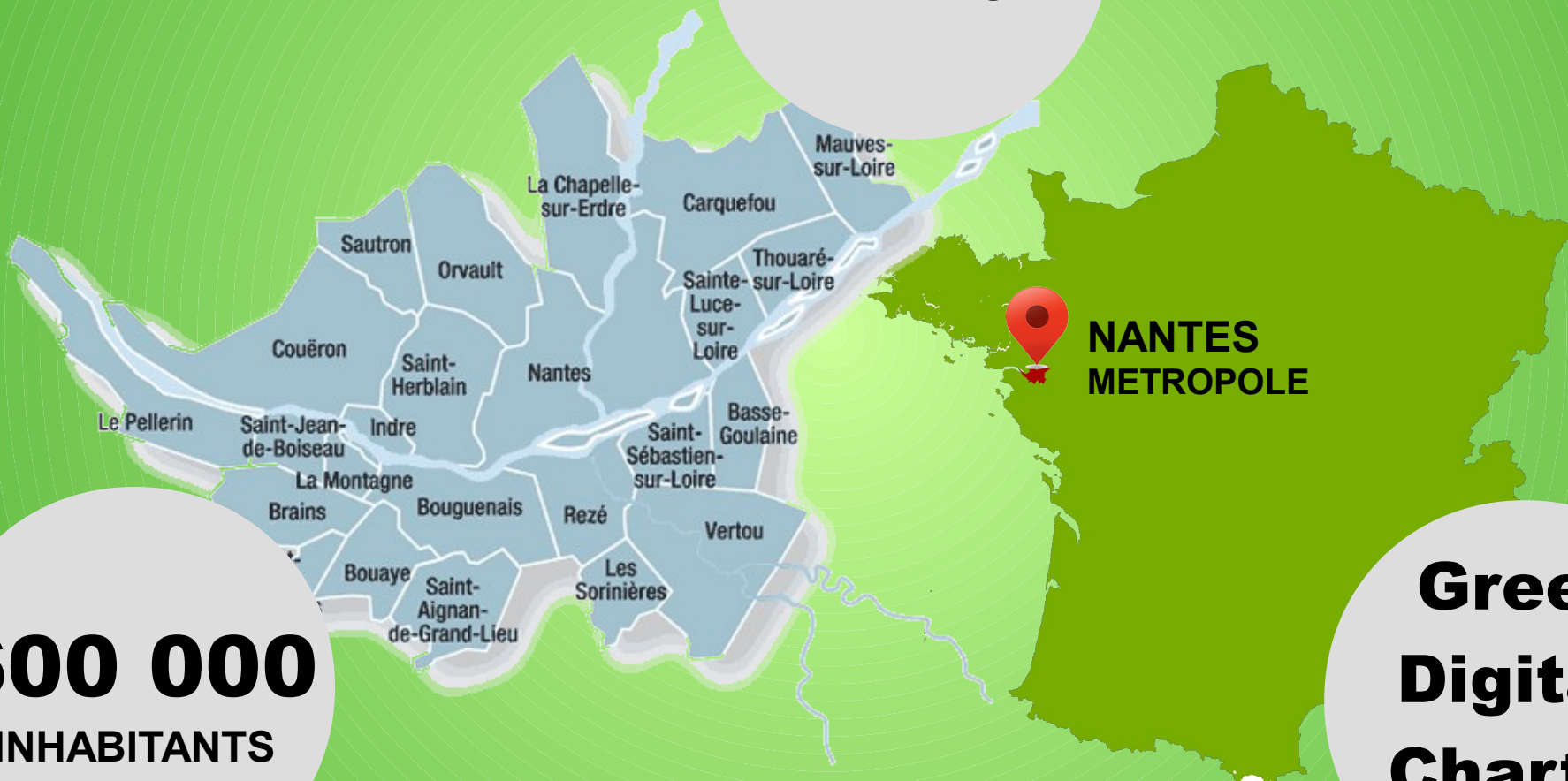
Energy Days workshop

“ICT applications in cities :
delivering the energy union objectives”

Brussels, 16 june 2016

Metropolis

24 CITIES



600 000
INHABITANTS

**Green
Digital
Charter**
2009

KEY FEATURES



600
SERVERS



7 500
PC's



7 500
USERS



2 500
PRINTERS



600
NETWORK
SWITCHES



5 000
PHONES

GREEN for IT ACTIONS

2016

Eco-design audit – Mobile App
Network Energy Monitoring

2015

Green IT Roadmap with
GreenLab Center

2014

Increase of datacenter temperature

2013

Energy Audit of digital infrastructure
Stop of unused virtual servers

2011

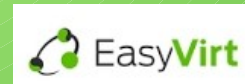
E-Waste Management

2010

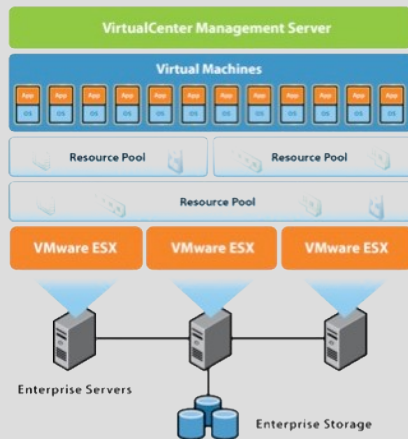
Servers Virtualisation
From 160 physical servers to 60

GREEN
DIGITAL
CHARTER

2009



ACTION 1 – Unused Virtual Servers



100 SERVERS
permanently STOPPED

MORE THAN
10 000 kWh
saved /year

ACTION 2 – Copiers settings

R/V

DEFAULT SETTING



380

COPIERS

MORE THAN

14 000

paper reams

saved /year

ACTION 3 – Optimizing network consumption

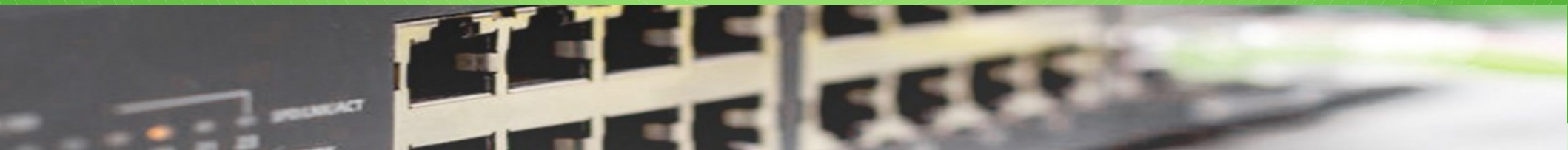


1 000 IP PHONES

190 WIFI
ACCESS POINTS

EXPECTED SAVINGS

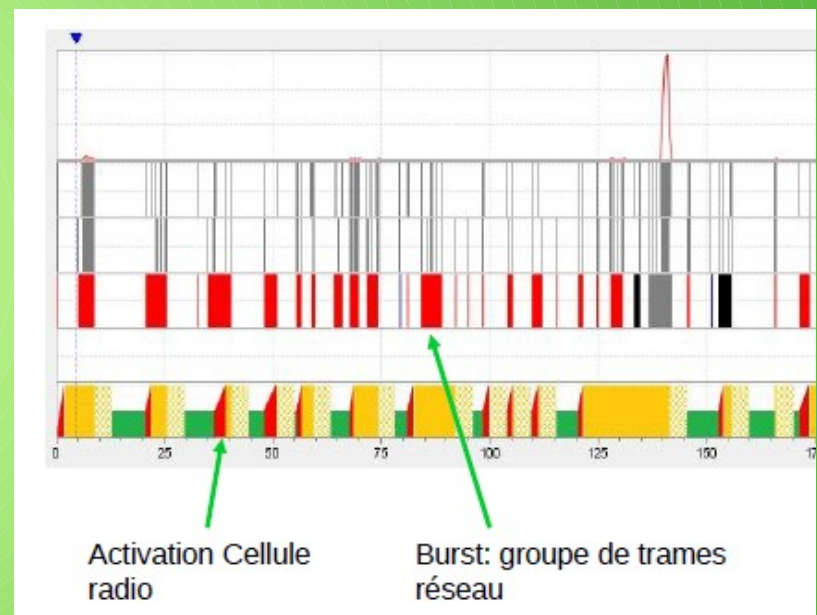
20 000 kWh /year



ACTION 4 – Eco-design audit on application



**Nantes in
My Pocket**



Keep on going ...

- Green IT culture
- Further projects
 - Experimentation of digital boiler
 - Further eco-design audits
 - Video conferencing developpment for internal use
 - Investigate Green for IT

