

Orange Romania among the leaders of the digital wave

#1 mobile operator

in Romania
With 10.3M customers

#1 mobile telecom provider

in Romania for 11 consecutive years

#1 4G network

Widest coverage Highest speed up to 300Mbps

Most innovative service for companies

Financial solidity

With biggest revenue in industry 909 million EUR end of Dec 2014

Fully integrated

Fixed-mobile
Business solutions

Over 2 Billion FUR

CAPEX investment in networks and telecom solutions



IT integration & applications

A vision for smarter living in the city

through the intelligent use of information, enabled by connected IT as an essential solution component

connectivity

M2M/NFC

contactless services on smartphone and smart card



connectivity

city wifi

multi purpose access and usages



on board wifi for traveler convenience and a marketing lever for the company

big data

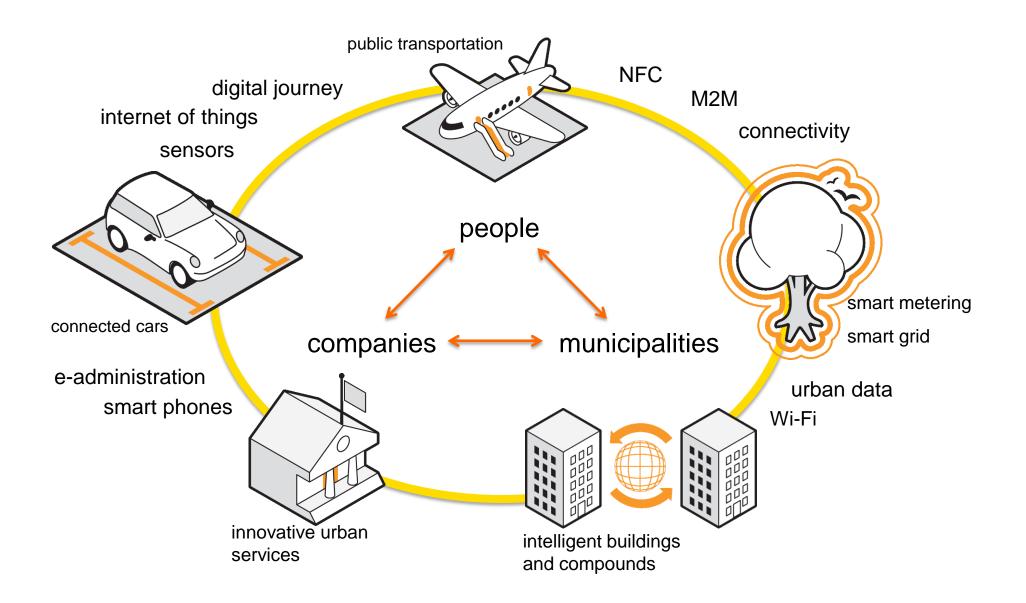
flux vision

mobility indicators

Real time and anonymous flow measurement based on Orange mobile network operation data



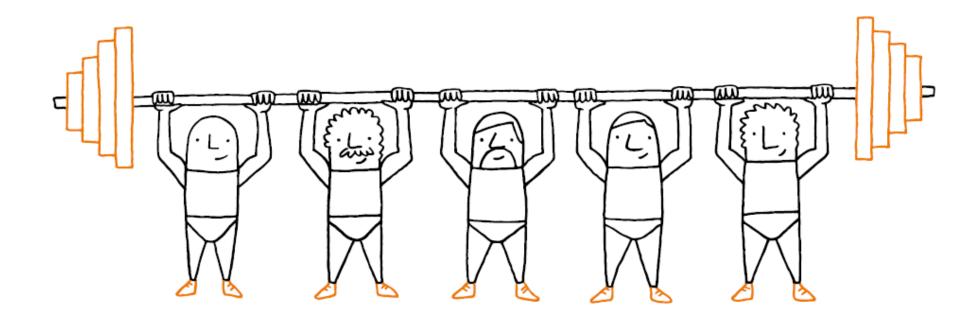
Orange Smart Cities program





Partnership and innovation

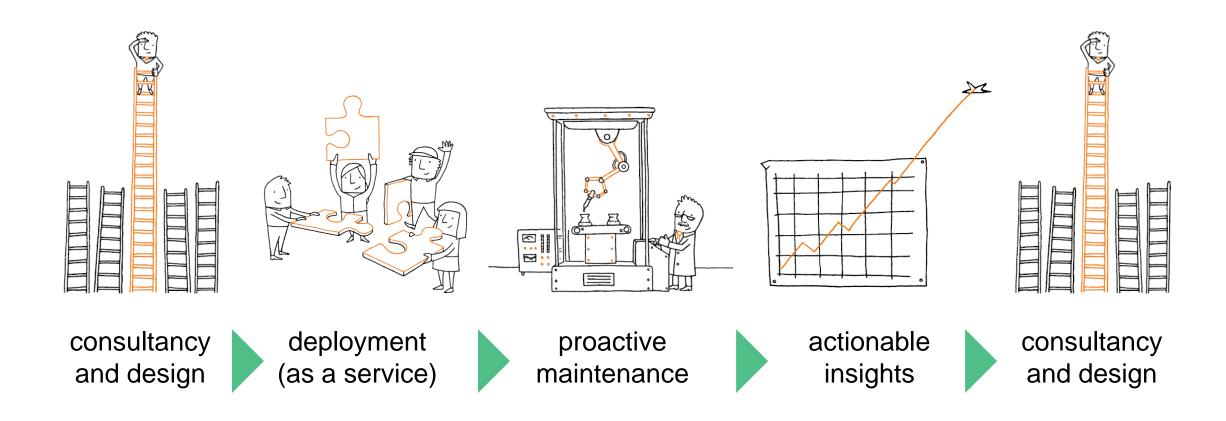
are at the core of Orange Smart Cities strategy



program supported by Orange Business Services and leveraging all the Orange Group capabilities across all geographic regions



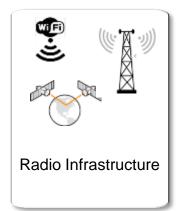
A continuous start – to end approach





Public Transportation & Mobility portfolio

On board connectivity









Transportation data & apps













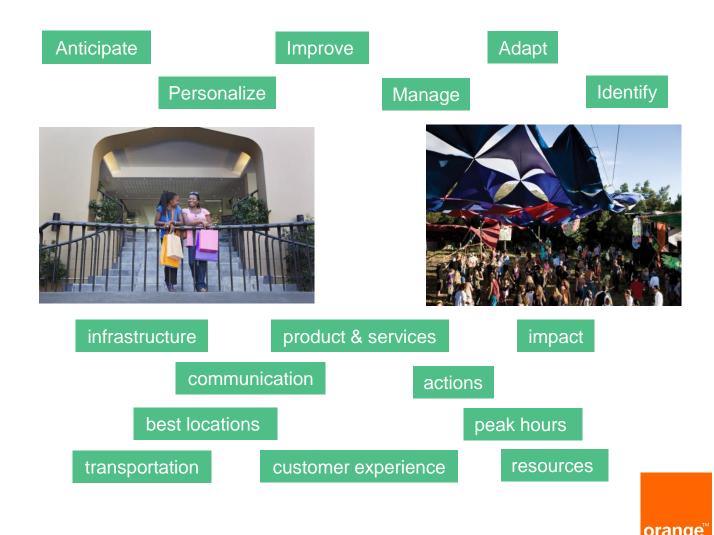




Flux Vision innovative solution from Orange

Real time and anonymous mobility indicators from vehicles and people flows

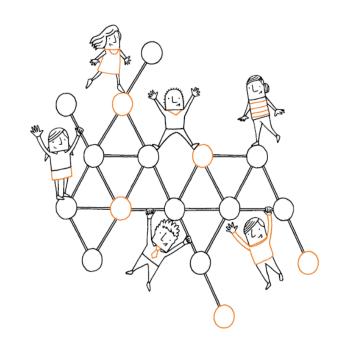
- a high-value complementary source of data:
 - ✓ large and representative sample
 - ✓ comprehensive and real-time data
- for authorities and businesses in the management area of roads infrastructures, tourism, transportation and geo-marketing



Smart Wi-Fi for smart cities







efficiency & quality

secure

connected



Smart Wi-Fi for smart cities

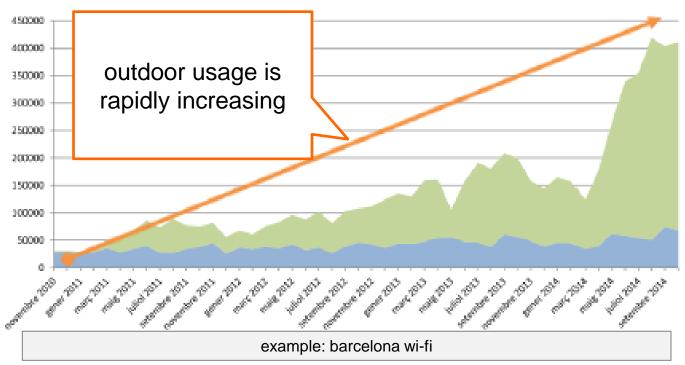
58%

55MB

4x

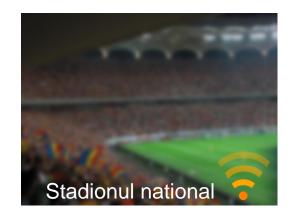
66%

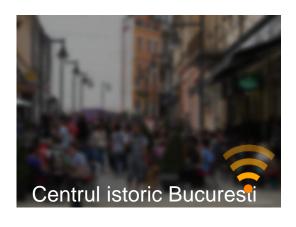
of citizens in Bucharest using the internet daily world average wi-fi traffic per person more wi-fi traffic than the mobile traffic in the world annual increase in the wi-fi traffic





Orange Wi-Fi in Romania

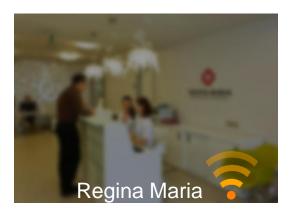


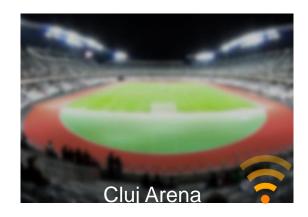
















Discover Orange Wi-Fi Zone @ Cluj buses

unique proof of concept in Romania

Fully offered & managed by Orange for 10 buses of RATC

1 Wi-Fi access point per bus with 4G backhaul

(pilot: iComera provider / Raycap integrator)

- enhanced customers experience during bus travel
- support for further development of dedicated solutions for public interest information dissemination and collection
- operational security and optimization



a telefonului

alege "Orange Wi-Fi"

deschide o nouă

dintre retelele disponibile

pagină web și urmează

instructiunile afisate



Funktion des Telefons

Wählen Sie aus den

"Orange Wi-Fi"

verfügbaren Netzen

Öffnen Sie eine neue

Website und folgen

Sie den angezeigten

funkcióját

hálózatot

a rendelkezésre álló

az "Orange Wi-Fi"

hálózatok közül válaszd

kövesd az utasításokat



Wi-Fi function

open a new web

select "Orange Wi-Fi"

page and follow the

instructions on the

from the list of available

Discover Orange Wi-Fi Zone @ Cluj buses

unique proof of concept in Romania





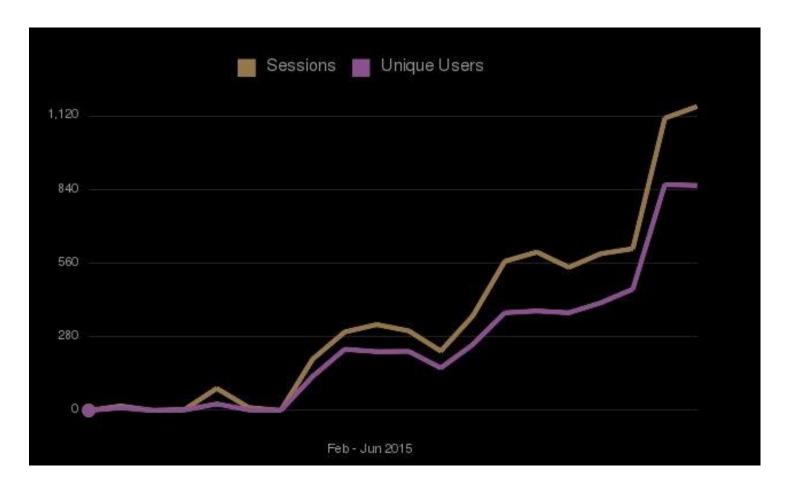








Traffic evolution February – June 2015



On-line questionnaire to be filled in by the users before accessing the Internet

- from 300 to 1000 unique
 users/week and growing
- 86% consider it very useful & use it everytime they travel
- 72% would like to have it in all kind of public transportation



We nourish innovation

for a better tomorrow, in cities and everywhere

Orange Educational Program - Engineering

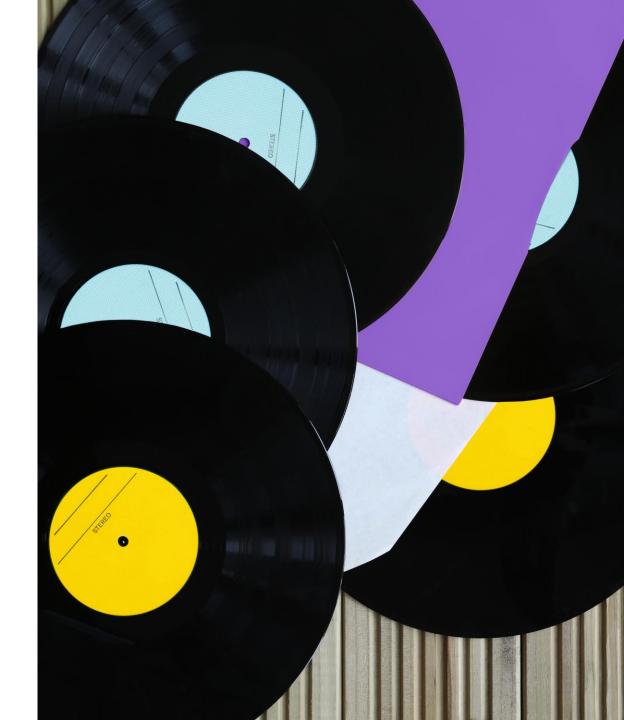
11 years of collaboration with Electronic Telecommunications and
 Information Technology Faculty from UPB, joint lab with UTCluj and UPT

Start-ups accelerator

- involvement in start-up acceleration project since 2014 trying to gather development ideas that may boost the usage of mobile services
- partner with Innovation Labs 2.0 pre-accelerator

EU consortiums for H2020

build common teams with other industries to access EU funds for innovation and research



NEXt generation Emergency Services



NEXES innovates the approach to the dynamics between emergency services and citizens, allowing:

- the use of total conversation capabilities in emergencies, including social media, to the benefit of citizens, including those with disability or special needs
- improved location information to rapidly and effectively identify and locate the caller and the incident site and
- the leverage of Internet-enabled connectivity to enhance interoperability and shared awareness among emergency services, for a more secure society



NEXES Project

- Consortium of 17 organizations from 10 countries
- 36 monthsMay 15 May 18
- EU grant 5.7 MEur

www.nexes.eu



This project has received funding from The European Union's H2020 Programme for research, technological development and demonstration under Grant Agreement no 653337

Orange Romania leads the NEXES Core
telecom infrastructure package, bringing the
telecommunications / VoIP network provider
perspective



