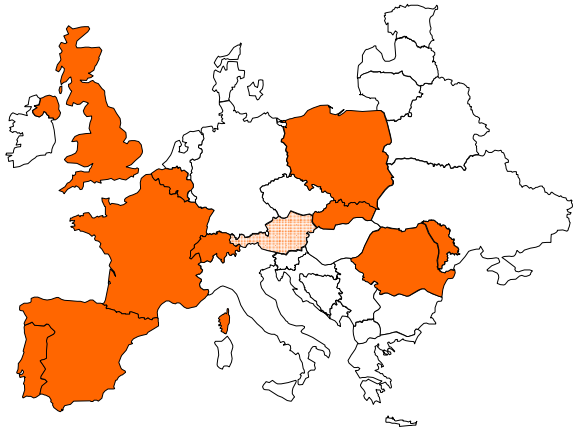
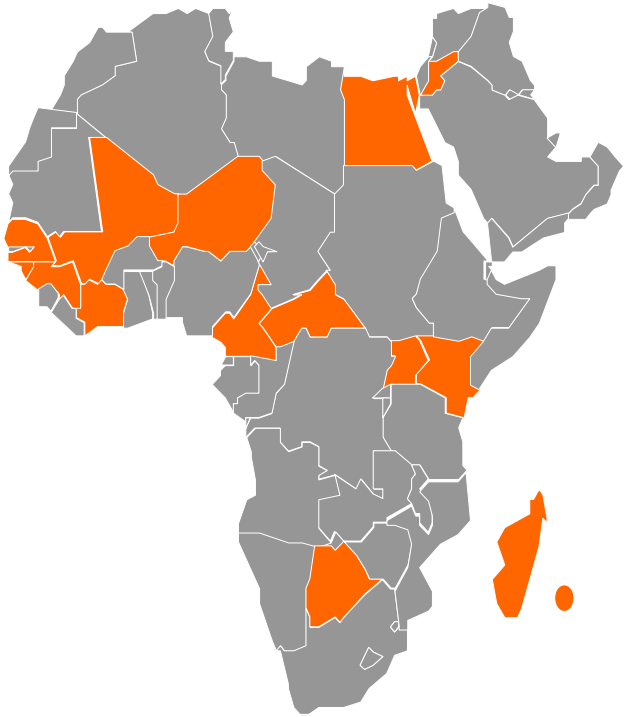
Community Power trial in Niger

Thierry Barba
Orange



Orange, a leading telecommunications operator providing services to more than 210 million customers worldwide





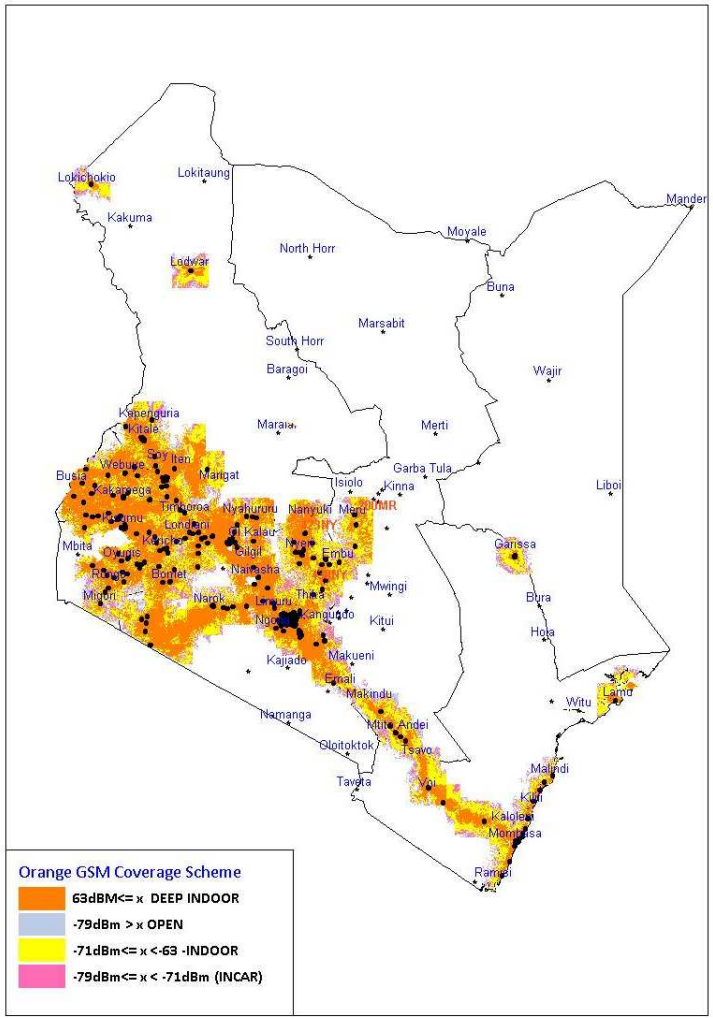
Kenya	
Madagascar	
Mali	
Mauritius	
Niger	
Reunion	
Senegal	
Bostwana	
Cameroon	
Egypt	
Ivory Coast	

N° 3 Mobile operator in Europe
150 million mobile customers
60 million mobile customers in AMEA

Presence in 23 countries, 16700 employees

Orange in Kenya

- FT- Orange holds 51% of TKL shares
- TKL is the sole provider of landline phone services in Kenya
- TKL also has a mobile licence and provides internet access services



Orange CSR vision: sustain economic, environmental & social performance

Orange commits itself

- to recognize and support our employees
- to ensure transparency, quality and security for our customers
- to find innovative solutions for a greener world
- to democratize the benefits of the digital world

our priority

to foster economic and social development of the countries where we operate, by leveraging on our connectivity solutions

our methodology

Orange implements its CSR strategy by taking into account its stakeholders' expectations in order to propose consistent answers to their needs.

the stakeholders

the civil society, the local authorities, the business players and the employees are consulted to identify domestic stakes.

the outcome

a CSR action plan is build up around the countries' needs and expectations. It is shared with our stakeholders.

orange

CSR Action Fields



Environment: Oryx solar-based stations, recycling of waste from mobile phones.



Responsible purchases: Group policy to increase local content in purchases and decrease payment lead-time



Diversity & Ethics: social indicators are crucial to our CSR policy, especially as regards gender diversity



Child and data protection: we foster and oversee safe and responsible usage of our products and services, especially in terms of child protection

our CSR priorities: economic and social projects

rural development and agriculture

- to make Information and Communication Technologies (ICTs) accessible in rural and remote areas
- to transmit agricultural information, market prices and weather data
- advice farmers to help them increase their production

health

- to do public awareness and prevention
- to promote children and mothers follow-up
- to tackle the discrepancies of services between rural and urban areas

action for the environment:
growing use of renewable energy through Oryx project

Orange rolls-out Solar-fed Base Stations in AMEA region (more than 900 are currently running). Oryx.

It aims at limiting our carbon footprint (for each site, 13000 l of fuel are yearly saved compared to a traditional engine-based solution) and is consistent with Orange global commitment of a 20% reduction in its CO2 emissions in 2020 versus 2006.

Our objective is to increase the percentage of renewable energy in our overall energy consumption to reach 25% in 2015 in new mobile stations (primarily in Africa).

Our efforts specifically involve supplying solar energy to base stations (relay antennae) in Africa and in Southern European countries, where real production potential exists.

Around these sites, we seek to provide the local communities with an access to the potential energy surplus.

This is the target of Karazomé community power experiment

orange™

Karazomé Village, Maradi region - Niger



Community power in Karazomé, Niger





Karazomé, a village of the Maradi region, is located nearby an Oryx site. A dispensary is a hundred meters far from the site and was chosen as a pilot site for testing the sharing of the energy surplus (around 25%) from the telecom site. This enables to run several lights, a fan, and a refrigerator for vaccines (with the help of an additional rooftop solar panel supplied by Orange)

This initiative improves access to medical care and health of rural populations. It also involves the local community in modernization works for the dispensary, with a skill transfer. Further developments are planned, with the help of an NGO Electriciens Sans Frontières (Electricians without borders) and funding from Orange foundation to extend the building and lodge a permanent practical nurse.

Community power in Karazomé, Niger

- From the Oryx surplus power
  - Consulting room
    1 spot light
    1 fan
    1 plug (mobile charging)
  - Medical - Exam room
    1 spot light
  - Childbirth room
    1 spot light
    1 fan
  - Outside
    1 spot light

- Next steps

  Nurse hut to be build nearby

  HIV-prevention

- Orange CSR Additional support
  - 1 solar panel (roof) to provide one extra plug to run an OMS type approved fridge (vaccine)
  - External WC –(male – female)
  - Water link to the village well
  - First aid dressing kit
  - Childbirth kit
  - Stetoscope
  - Blood pressure
  - Scales and baby scales
  - Measuring rod

Thank you !

