Orange sustainability

Orange Group CSR

October 2021
Purpose

Strategic Plan Engage 2025 commitments

CSR’s governance

Management incentive

Stakeholder Committee
“Raison d’Agir” Committee (November 2021)

Internal CSR governance
Board of Directors: dedicated GCSER Committee
ExCom: dedicated Ethic & Sustainable Performance Committee

Management incentive
- LTIP 20% non-financial criteria (including Environmental target of CO2 reduction)
- Variable compensation for the Excom members: 33% Social criteria
Digital inclusion
Connect the unconnected

- Digital exclusion compromises access to knowledge, essential services, economic benefits (job opportunities,...)

Commitment for digital equality (1/2)

Main achievements
- Strong European leader with 51,8 FTTH connectable homes in 1H21
- 15 MEA countries covered with 4G – 38.3 million 4G clients end of 1H21
- Investment in submarine cables on the West African coast and East African coast
- Leader in connectivity in Africa with Djoliba, the first pan-West African network (8 countries)
- Coverage in isolated rural areas with solar-powered radio tower
- Partnerships with Eutelsat to provide VHBB via satellite throughout France, APG for the deployment of 1.7m FTTH homes in Poland

Coverage gap

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>1%</td>
</tr>
<tr>
<td>MENA</td>
<td>11%</td>
</tr>
<tr>
<td>SSA</td>
<td>30%</td>
</tr>
<tr>
<td>Global</td>
<td>10%</td>
</tr>
</tbody>
</table>

Source: GSMA, Sept 2019

Ambitions

<table>
<thead>
<tr>
<th>Year</th>
<th>FTTH Home connectable in million</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>33</td>
</tr>
<tr>
<td>2019</td>
<td>38.2</td>
</tr>
<tr>
<td>2020</td>
<td>47</td>
</tr>
<tr>
<td>2021</td>
<td>51.8</td>
</tr>
<tr>
<td>2022</td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>target 69</strong></td>
</tr>
</tbody>
</table>

Extended 4G & 5G coverage
Social inclusion
Improve usage and affordability for all

- Addressing barriers around affordability, lack of skills, and safety/security concerns

Commitment for digital equality (2/2)

Main achievements

- Inclusive social offers and affordable phone in MEA
- Orange Digital Centers: 8 in operation in Cameroon, Côte d’Ivoire, Ethiopia, Jordan, Mali, Morocco, Tunisia, Senegal
- Orange Money: 49 M customer base in 2020 o/w 22 M active
- Orange Bank Africa launched in July 2020
- Energy Solar Home system: 70,000 Home equipped in 9 Orange countries

Usage gap

- Europe: 24%
- MENA: 49%
- SSA: 46%
- Global: 43%

* population using internet - source GSMA, Sept 2019

Ambitions

<table>
<thead>
<tr>
<th>Service</th>
<th>2020</th>
<th>2023</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange Money active customers</td>
<td>0.35</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td>Orange Bank Africa customers</td>
<td>1.2</td>
<td>5</td>
<td>19</td>
</tr>
<tr>
<td>Orange Bank Europe customers</td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Countries with social offer or Sanza</td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Countries with an Orange Foundation</td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Orange Digital Centers</td>
<td>3</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>
Orange is committed to being Net Zero carbon by 2040 (Scope 1/2/3)

Agreement from SBTi that 2025 objective is aligned with a carbon emission reduction compatible with a +1.5°C pathway.

**Main achievements**
- 1.8% energy consumption reduction and drop by -2.3% of CO₂eq emission between 2020 and 2019
- Green Programme for the control of our energy consumption
  - Network architecture optimization
  - Eco efficient datacenters (PUE France : 1.3)
  - Advance sleep mode in mobile access network (5G)
  - RAN sharing

**Scope 3 commitment**
- Reduction of 14% for our scope 3 in 2025 compared to 2018, an objective which has been validated by the SBTi
  - Circular economy principle implemented across the Group
  - Suppliers monitoring

**Ambitions**

<table>
<thead>
<tr>
<th>Year</th>
<th>2015</th>
<th>2020</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissions in 000 ton of CO₂eq – scope 1 &amp; 2</td>
<td>1,442</td>
<td>1,273</td>
<td>0.0</td>
</tr>
</tbody>
</table>

- ITN – Increased activities
- Buildings
- Vehicles
- Green ITN program
- Green building program
- Green vehicles program
- Renewable energies
Orange is committed to being Net Zero carbon by 2040 (Scope 1/2/3)

- Objectives of the Paris climate agreement (warming limited to +1.5 °C)
- Orange is committed to covering 50% of its energy supply with electricity from renewable sources in 2025

Main achievements

- Electricity supply from renewable sources from internal production
  - Significant energy price reduction
  - Improvement of energy supply reliability / off grid energy supply
- ESCo already operational in 8 MEA countries ➔ Orange solar energy for 16% radio sites in MEA
- Solar farms in Jordan, project launched in Mali
- Electricity supply from renewable sources from PPA*s
  - Securing a long-term competitive fixed price against volatility from the market
* Power Purchase Agreement

Ambitions

<table>
<thead>
<tr>
<th>% of electricity from renewable sources</th>
<th>2025</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>31%</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>26%</td>
<td></td>
</tr>
</tbody>
</table>

Choice of additionality for renewable energy production programs and carbon sequestration

Choice of sequestration with carbon sink over carbon offset with green certificate for the Groups’ residual emissions
Orange is committed to strengthening its positions in the circular economy

Committed to Environment (3/3)

Main achievements
- More eco-designed Livebox5: environmental footprint reduced by -29%
- Founding member of the Eco Rating initiative
- Repair service in Spain, Poland, Romania, Slovakia, Belgium, Luxembourg
- RE program (recycle, re-use, reconditioning) launched in France – all European countries targeted

Committed with our Suppliers
- IT& network refurbished equipment
- Internal marketplace for the resale of refurbished equipment
- Purchase of refurbished equipment promoted in RFP processes

Orange scope 3 objective

<table>
<thead>
<tr>
<th>in million of CO₂ tons</th>
<th>2018</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope 3 (downstream)</td>
<td>7,2</td>
<td>6,2</td>
</tr>
<tr>
<td>Scope 3 (upstream)</td>
<td>-14%</td>
<td></td>
</tr>
</tbody>
</table>

Ambitions

- % of European countries with a repair service: 2020 100%, 2025 75%
- Sales of refurbished devices (France): 2020 10%, 2025 1.4%
- % of mobile phones collected (Europe): 2020 15%, 2025 30%
Personal data protection e-privacy

Orange Cyberdefense

Sustainability approach (1/3)

Main achievements

- Orange key strengths for data protection
  - Leveraging on size with an organization directly reporting to CEO for internal data and cyber services provided to third parties
  - Orange Cyber Defense is a European leading service provider (€ 768 million revenues in 2020)
  - Over 2 400 cyber experts and a cyber protection school
  - Full compliance with the GDPR

- Commitments to ensure a trustworthy and ethical use of big data
  - Alignment with European « Recommendation for Ethics Guidelines for trustworthy AI »
  - Signatory of AI inclusive charter with Arborus and Impact IA - international GEEIS-AI label award in Dec 2020
  - Committed to implement European data sovereignty (Gaia-X in Europe, Bleu in France)

Ambitions

Orange Cyberdefense to continue to grow as a global provider and European leader

Enhancing global protection with local expertise 24/7/365
Sustainability approach (2/3)

Key elements to consider

- Improved connectivity
  - More speed in dense areas to supplement overloaded 4G networks
  - Better outdoors connectivity
  - From 2023 strong improvement in network latency to massively connect objects, so as to offer new smart services

- Improved energy efficiency
  - Energy consumption 10 times less than 4G to carry 1 Gigabyte of data

- Responsible Conduct
  - Compliance with protective threshold for health defined by the International Commission for the Protection against Non-Ionizing Radiation (ICNIRP)
  - Double sourcing for equipment across our footprint
  - No need to build additional public mobile sites specifically for 5G during Engage 2025 Plan
  - Vast campaign including buyback to promote mobile device collection
Orange Vigilance Plan: action levers for a responsible supply chain

Sustainability approach (3/3)

Main achievements

- Vigilance plan risk mitigation deployed across the Group and the supply chain (55,000 active suppliers) on:
  - Human rights and fundamental freedoms
  - Health and Safety
  - Environment
- A common governance and tools across the Group
  - Group risk mapping declined at entity level for local mitigation action plan
  - Suppliers and subcontractors assessment with dedicated tools supplemented by the Group
  - Industry wide partnership to audit and implement corrective measures (Joint Alliance for CSR) on CSR issues – more than 700 audits since 2010 leading to working condition improvement of c. 1.3 million workers.

Ambitions

- Share best practices along the value chain to promote sustainable development
- Support strong partnerships through thorough knowledge of the supply chain

* In compliance with the French law n°2017-399 on the Duty of Vigilance
Conclusion

Recognized ESG performance

# 1 of the industry

Euronext V.E.

MSCI ESG Ratings

A

Corporate Responsibility Prime

#2 of telecom operators

ReFinitiv®

« Low Risk » 15/218 of telecom sector (Sept 2021)

Sustainalytics

World Benchmarking Alliance

3rd on Digital Inclusion Benchmark 2020
Additional CSR information is available here: https://gallery.orange.com/rse

Disclaimer

This presentation contains forward-looking statements about Orange's social and environmental responsibility commitments and strategy. Although we believe these statements are based on reasonable assumptions, they are subject to numerous risks and uncertainties and there can be no assurance that anticipated events will occur or that the objectives set out will actually be achieved. More detailed information on the potential risks that could affect our social and environmental responsibility commitments and strategy is included in the Universal Registration Document filed on 17th March, 2021 with the French Financial Markets Authority (AMF).