

Orange sustainability

Orange Group CSR

February 2022

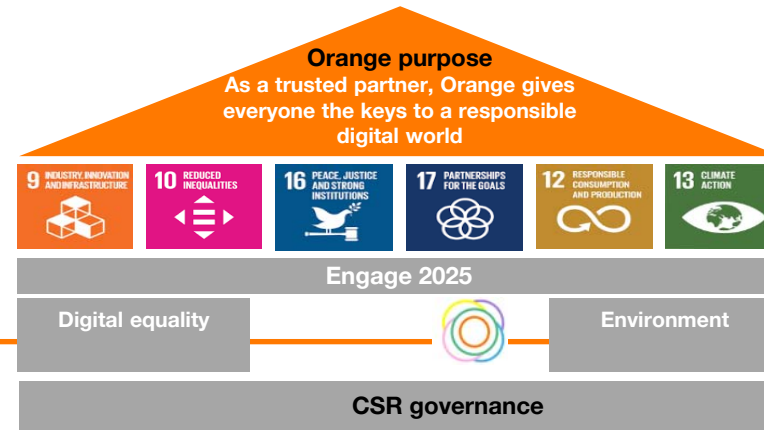


Purpose

Engage 2025

CSR's governance

Management incentive



Stakeholder Committee

“Raison d’Agir” Committee (November 2021)

Internal CSR governance

Board of Directors: dedicated GCSEER Committee

ExCom: dedicated Ethic & Sustainable Performance Committee

Management incentive

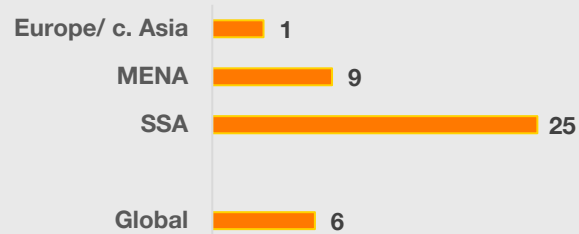
- LTIP 20% non-financial criteria (including Environmental target of CO2 reduction)
- Variable compensation for the Excom members: 33% Social criteria

Digital inclusion

Connect the unconnected

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

Connectivity gap* in %



* % of population not covered with a mobile network
 Source GSMA, The State of Internet Mobile Connectivity Report- Sept 2021.
 Data at the end of 2020. Europe and central Asia are combined

Commitment for digital equality (1/2)

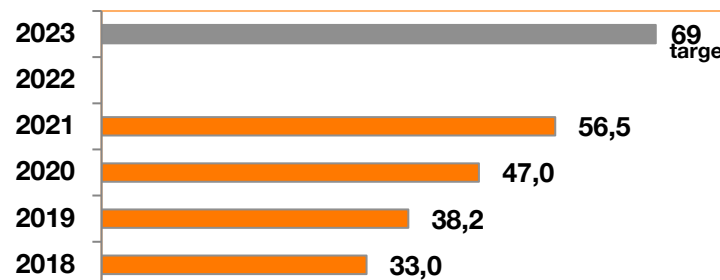
Main achievements

- Strong European leader with 56.5 FTTH connectable homes in FY21
- 15 / 16 MEA countries covered with 4G – 44.4 million 4G clients end of 2021
- Investment in more than 40 submarine cables on Europe – Asia routes, Atlantic front, Mediterranean (West African and East African coasts)
- Coverage in isolated rural areas with solar-powered radio tower (MEA)
- Partnerships with Eutelsat to provide VHBB via satellite throughout France, APG for the deployment of 1.7m FTTH homes in Poland

Ambitions



FTTH Home connectable m



**Extended
4 G & 5 G
coverage**

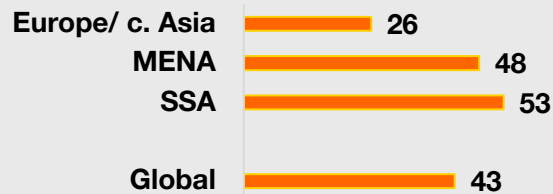


Social inclusion

Improve usage and affordability for all

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

Usage gap* in %



* % of population not using mobile services
 Source GSMA, The State of Internet Mobile Connectivity Report- Sept 2021.
 Data at the end of 2020. Europe and central Asia are combined



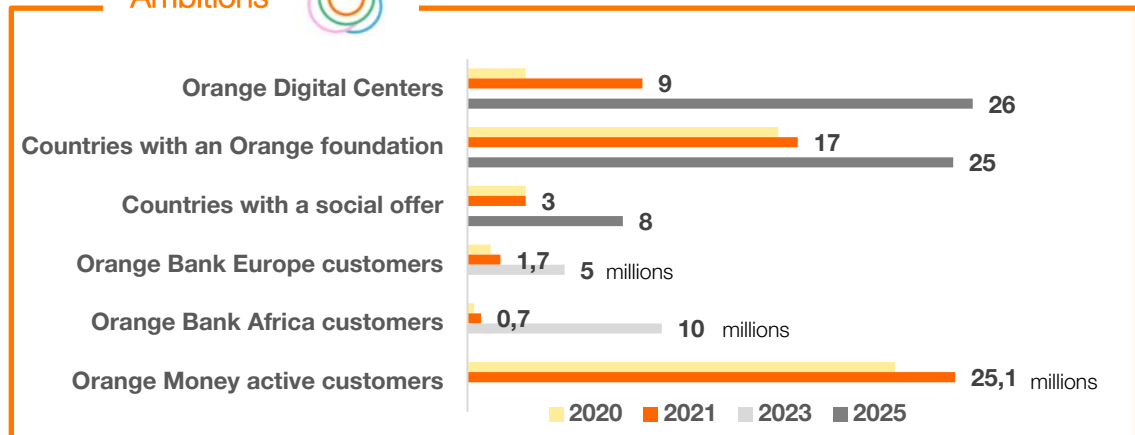
Commitment for digital equality (2/2)



Main achievements

- Inclusive social offers in Europe and affordable phones
- Orange Digital Centers : 9 in operation in Cameroon, Côte d'Ivoire, Egypt, Ethiopia, Jordan, Mali, Morocco, Tunisia, Senegal
- Orange Money: 25,1 M active customer base at the end of 2021
- Orange Bank Africa launched in July 2020
- Energy Solar Home system: c. 100,000 Home equipped in 9 Orange countries

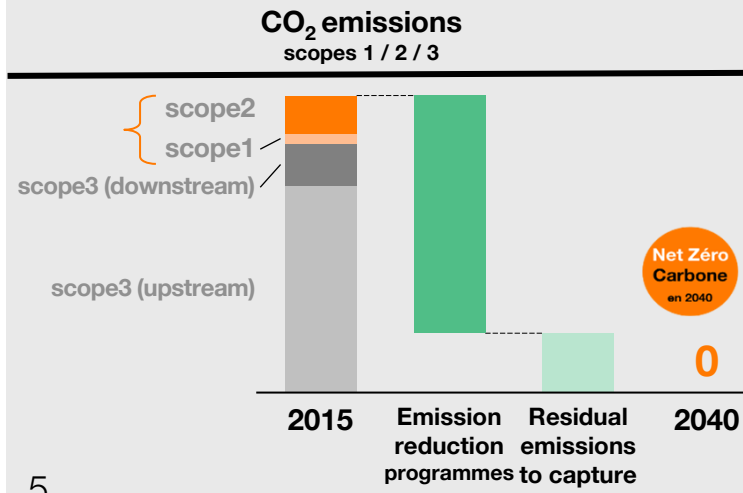
Ambitions





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



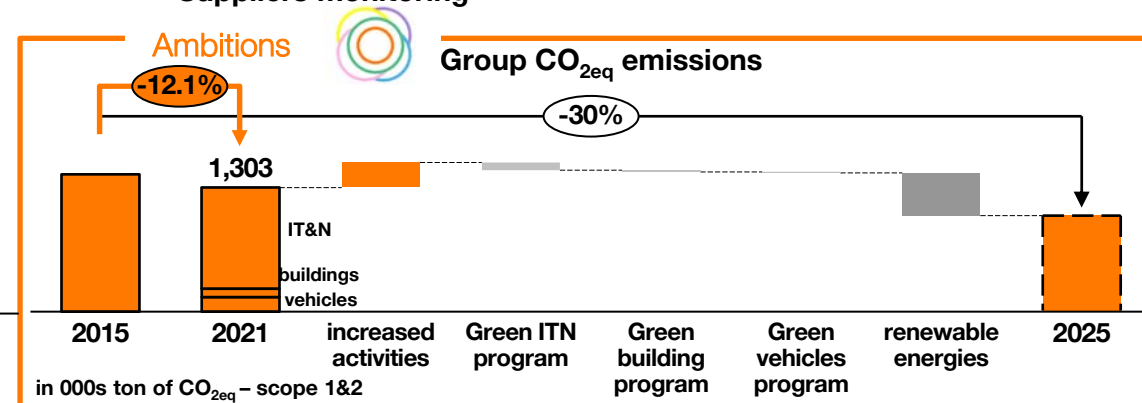
Committed to Environment (1/3)

Main achievements

- 1.3 % for CO_{2eq} emission between 2021 and 2020cb (scopes 1&2) (+2.3% for energy consumption)
- 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
 - Oldest technologies' decommissioning

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



Orange is committed to being Net Zero carbon by 2040 (Scope 1/2/3)

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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**

Electricity of renewable origin / green electricity
solar, hydraulic, wind, geothermal, tidal, or biomass energy

Carbon offset
Pay a given amount to finance projects that make it possible to deduct in theory and in the future an amount of CO2 equivalent to the CO2 already actually emitted into the atmosphere.

Carbon sequestration
Capture and storage of carbon from the atmosphere in carbon sinks such as oceans, forests, soils or technological processes, through physical and biological processes such as photosynthesis.

PPA
Power Purchase Agreement – long-term electricity supply agreement

Committed to Environment (2/3)



Main achievements

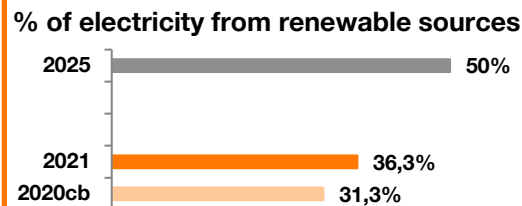
- Electricity supply from renewable sources from internal production**
 - ✓ Significant energy price reduction
 - ✓ Improvement of energy supply reliability / off grid energy supply
- ESCo already operational in 8 MEA countries → Orange solar energy for 16% radio sites in MEA**
Solar farms in Jordan, 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



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

- Participation in LCF3 Livelihoods fund
- Orange Nature carbon fund
- Local projects (Alliance Bois,...)

Orange is committed to strengthening its positions in the circular economy



Eco Rating



81/100

Durability



Climate efficiency



Reparability



Resource efficiency



Recyclability



Committed to Environment (3/3)

Main achievements

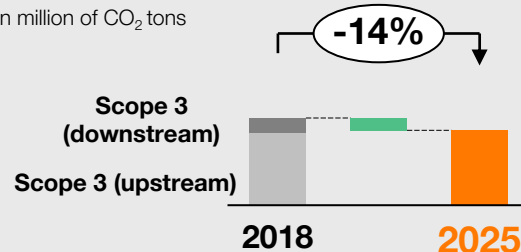
- More eco-designed Livebox5: environmental footprint reduced by -29%
- Founding member of the Eco Rating initiative
- Repair service in Belgium, France, Luxembourg, Poland, Romania, Slovakia, Spain.
- RE program (recycle, re-use, reconditioning) launched in France, Slovakia, Romania – all European countries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

Committed with our Suppliers

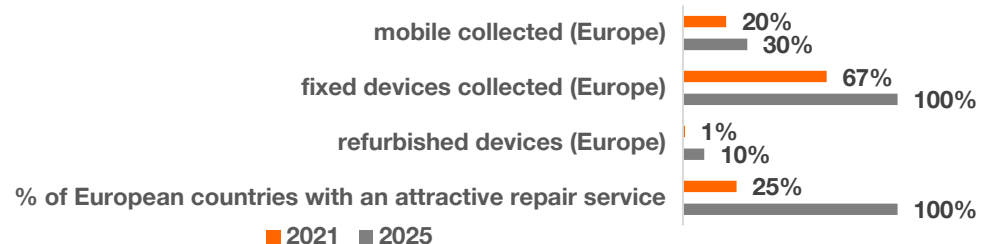
- Partnership work to limit Orange's scope 3
- Internal marketplace for the resale of refurbished equipment
- Purchase of refurbished equipment promoted in RFP processes (first agreement with Nokia)

Orange scope 3 objective

in million of CO₂ tons



Ambitions



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 – 18 SOC and 14 CyberSOC worldwide
 - ✓ Orange Cyber Defense is a European leading service provider (€ 838 million revenues in 2021, > 2 500 cyber experts and a cyber protection school)
- Commitments to ensure a trustworthy and ethical use of big data
 - ✓ Full compliance with the GDPR
 - ✓ 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)
- Advice and new solutions for all our customers (bienvivreledigital.fr, CyberFiltre for Pros, ...)



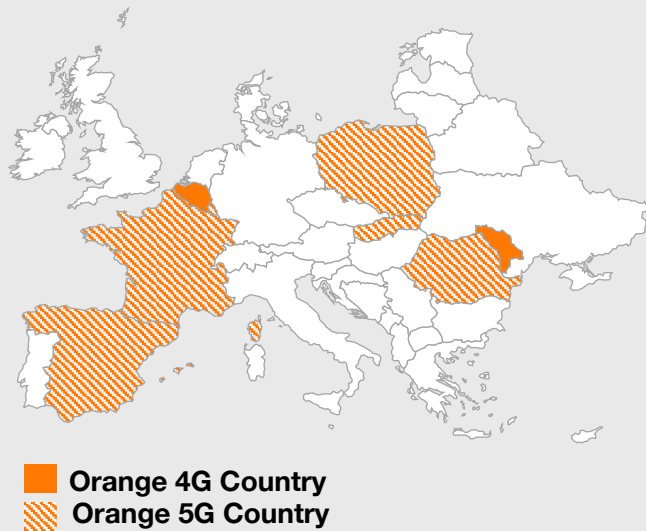
Ambitions



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

Enhancing global protection with local expertise 24/7/365

5G networks



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
 - ✓ Development of IT4Green for B2B and B2B2C (“Enablement effect”)
- **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



<p>Clear CSR commitments</p> <p><i>Which apply to all suppliers</i></p>	<p>Strong CSR culture</p> <p><i>Built through CSR training for buyers</i></p>	<p>Effective management of CSR risks</p> <p><i>Based on CSR assessments and supplier audits</i></p>	<p>Actively seeking out opportunities</p> <p><i>Through dialogue with subsidiaries and suppliers</i></p>	<p>Transparent reporting on the CSR maturity</p> <p><i>Of all subsidiaries</i></p>
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Sustainability approach (3/3)



Main achievements

- Vigilance plan* risk mitigation deployed across the Group and the supply chain (>58,000 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 800 audits since 2010 leading to working condition improvement of c. 1.4 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



Sustainalytics

« Low Risk » 15/226
of telecom sector
(Sept 2021)



FTSE4Good



2nd on digital Inclusion 2021



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).