
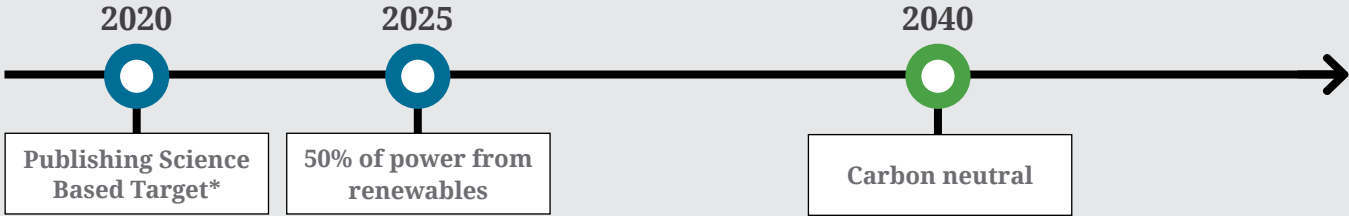

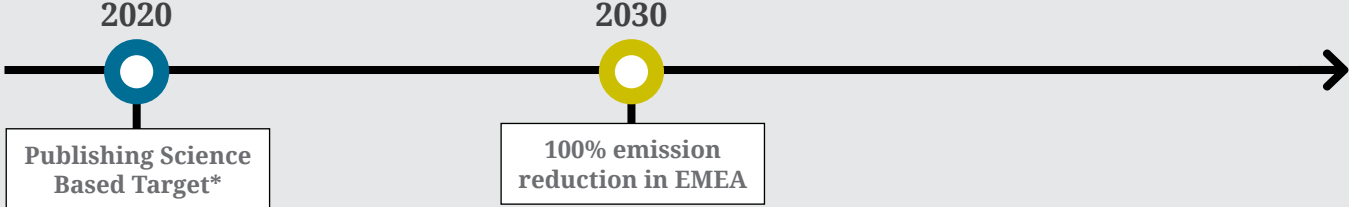

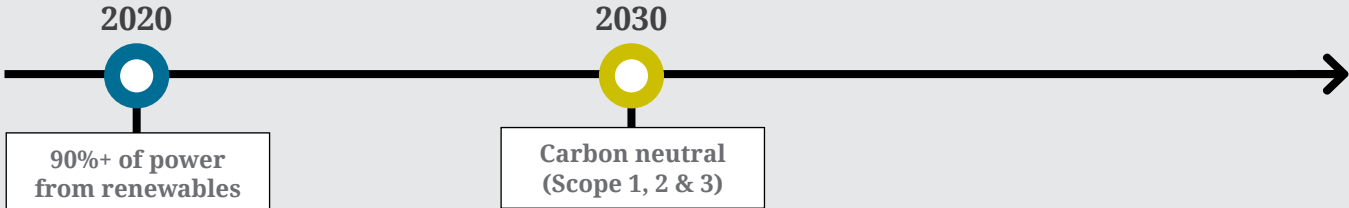


# Appendix: MNO targets for renewable investment and emissions reduction



## Many MNOs have announced targets far ahead of the GSMA's 2050 carbon neutral deadline


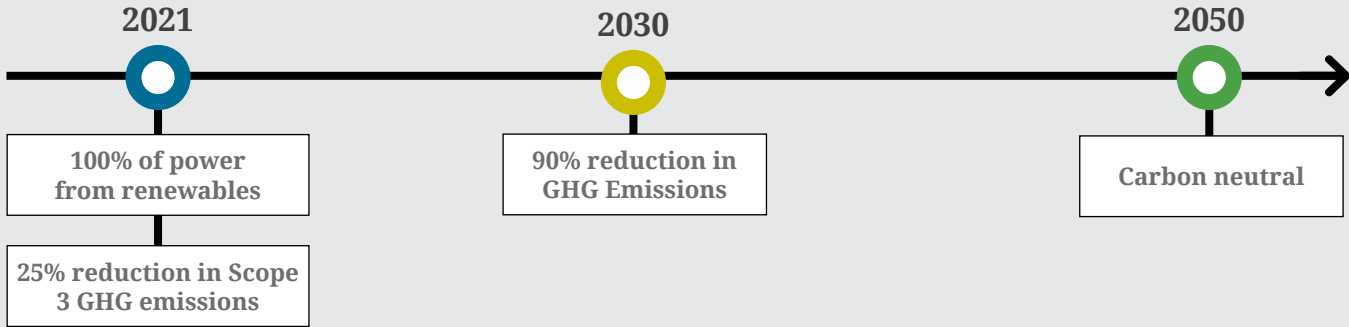

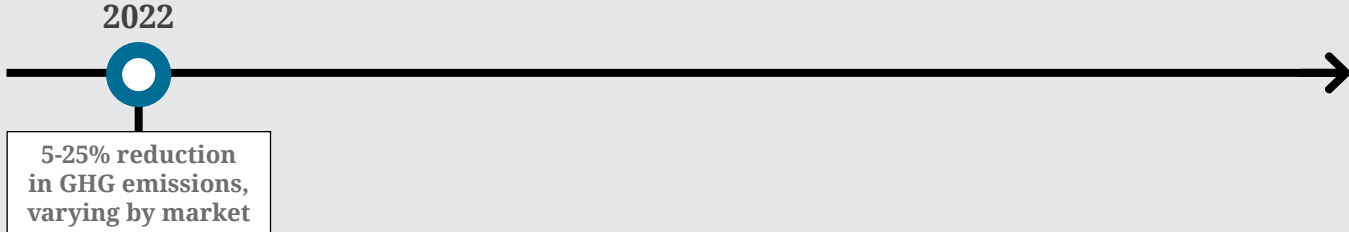


Many Mobile Network Operators have set aggressive targets for renewable energy and emissions reductions. Five global operators have announced that over 50% of their energy will be renewables by the mid-2020s, but by the 2030s large gaps will have open up between the greenest networks and others without firm green commitments. Over the next twelve months many operators will be updating their plans and announcing new targets; energy efficiency solutions and green power projects must be ready.

Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$48.9	
Africa Asia Americas Europe MENA		US\$13.6	
Africa Asia Americas Europe MENA		US\$9.6	

\* The Science Based Targets initiative is a partnership between CDP, UN Global Compact, WRI and WWF, which helps firms set practical targets


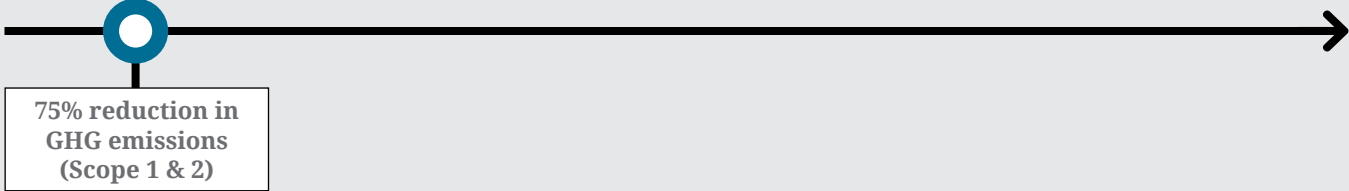

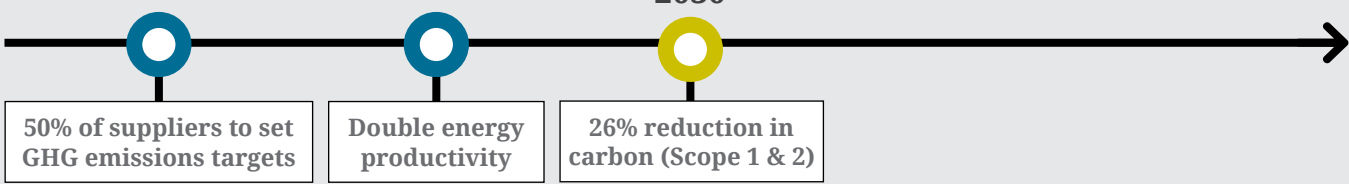

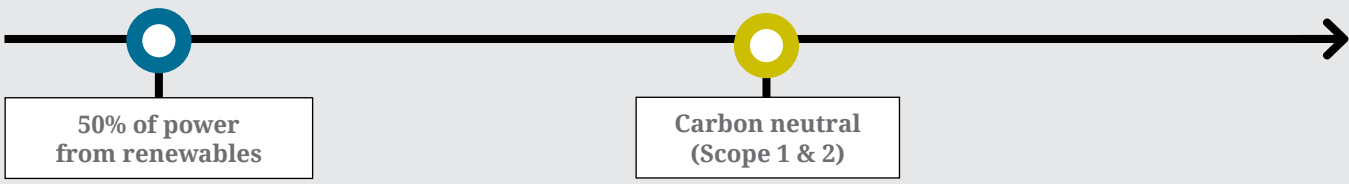
# Appendix: MNO targets for renewable investment and emissions reduction



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$86.5	
Africa Asia Americas Europe MENA		US\$4.3	
Africa Asia Americas Europe MENA		US\$4.1	


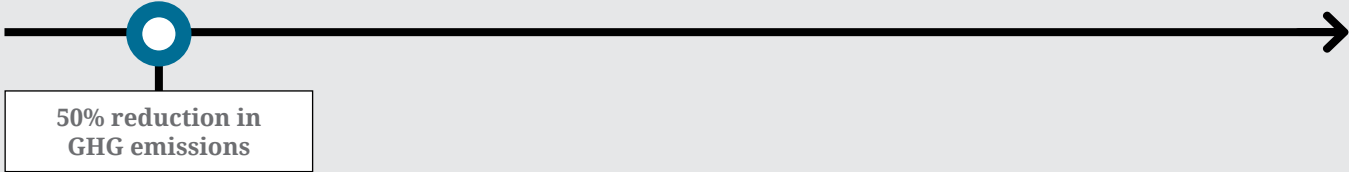

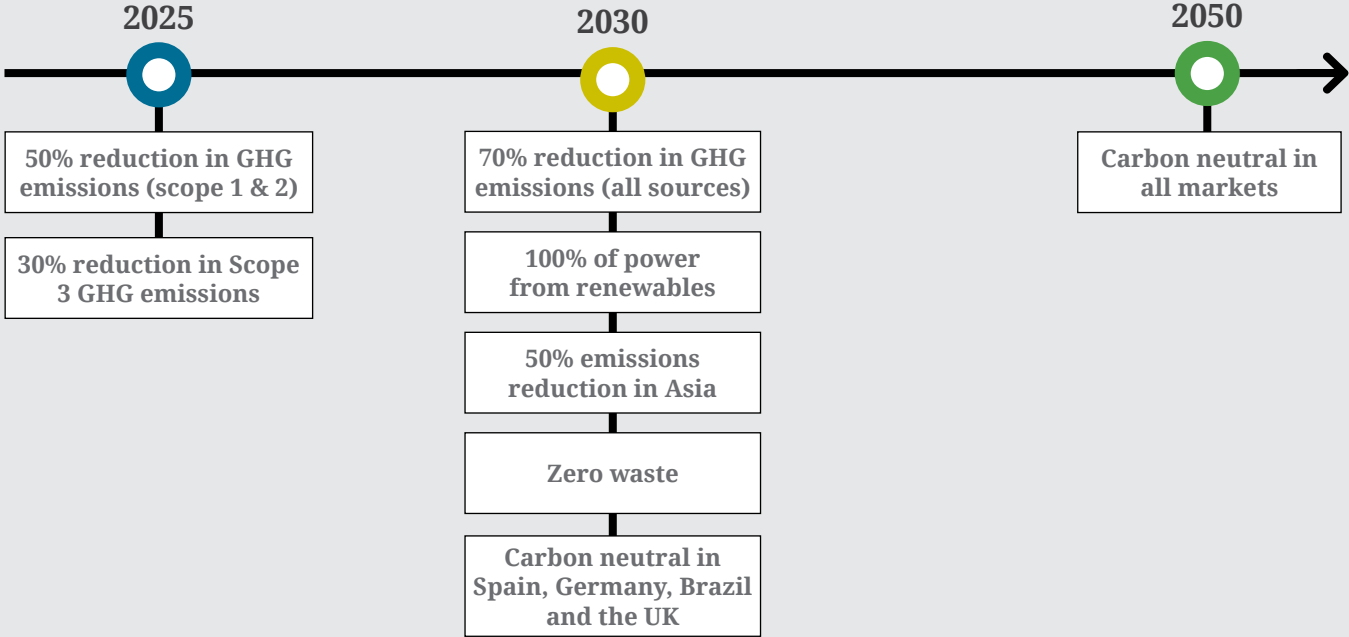
# Appendix: MNO targets for renewable investment and emissions reduction



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$5.3	<p>2023</p>  <p>75% reduction in GHG emissions (Scope 1 &amp; 2)</p>
Africa Asia Americas Europe MENA		US\$170.8	 <p>2024: 50% of suppliers to set GHG emissions targets</p> <p>2025: Double energy productivity</p> <p>2030: 26% reduction in carbon (Scope 1 &amp; 2)</p>
Africa Asia Americas Europe MENA		US\$131.8	 <p>2025: 50% of power from renewables</p> <p>2035: Carbon neutral (Scope 1 &amp; 2)</p>


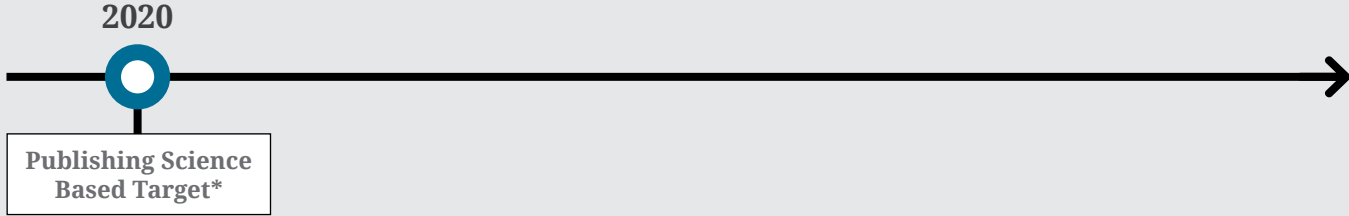

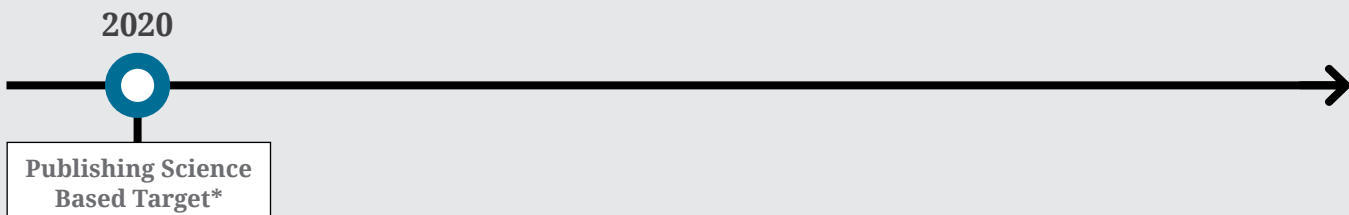

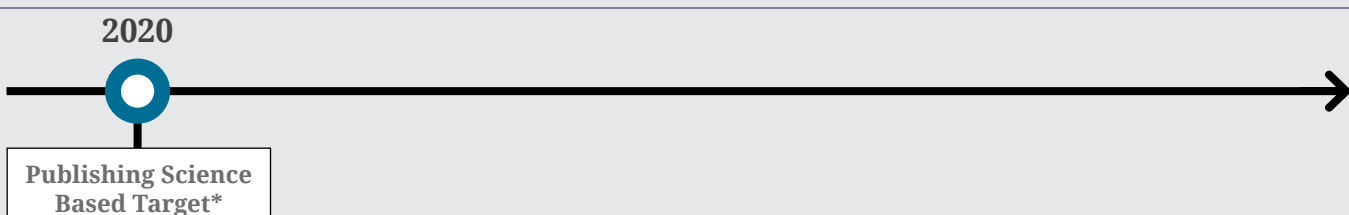
# Appendix: MNO targets for renewable investment and emissions reduction



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$50.5	<p>2025</p>  <p>50% reduction in GHG emissions</p>
Africa Asia Americas Europe MENA		US\$57.4	 <p>2025</p> <ul style="list-style-type: none"> <li>50% reduction in GHG emissions (scope 1 &amp; 2)</li> <li>30% reduction in Scope 3 GHG emissions</li> </ul> <p>2030</p> <ul style="list-style-type: none"> <li>70% reduction in GHG emissions (all sources)</li> <li>100% of power from renewables</li> <li>50% emissions reduction in Asia</li> <li>Zero waste</li> <li>Carbon neutral in Spain, Germany, Brazil and the UK</li> </ul> <p>2050</p> <ul style="list-style-type: none"> <li>Carbon neutral in all markets</li> </ul>

# Appendix: MNO targets for renewable investment and emissions reduction









Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$12.0	<p>2020</p> 
Africa Asia Americas Europe MENA		US\$107.1	<p>2020</p> 
Africa Asia Americas China Europe MENA		US\$57.0	<p>2020</p> 

\* The Science Based Targets initiative is a partnership between CDP, UN Global Compact, WRI and WWF, which helps firms set practical targets

# Appendix: MNO targets for renewable investment and emissions reduction


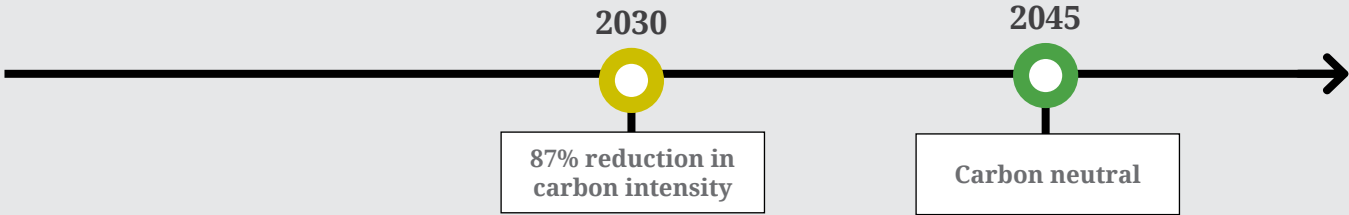

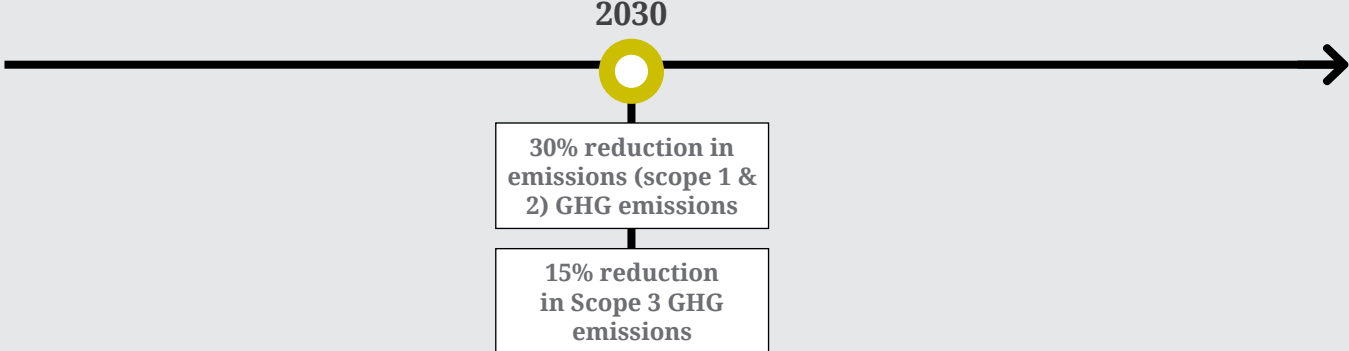

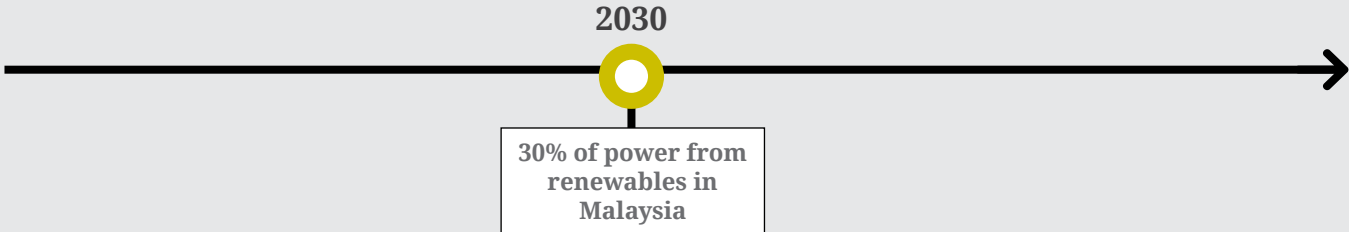


Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA	 TELSTRA	US\$41.2	<p>2020</p>  <p>Publishing Science Based Target*</p>
Africa Asia Americas Europe MENA	 vodacom	US\$2.5	<p>2020</p>  <p>Publishing Science Based Target*</p>
Africa Asia Americas Europe MENA	 américa móvil	US\$52.7	<p>2020</p>  <p>50% of power from renewables</p>

\* The Science Based Targets initiative is a partnership between CDP, UN Global Compact, WRI and WWF, which helps firms set practical targets


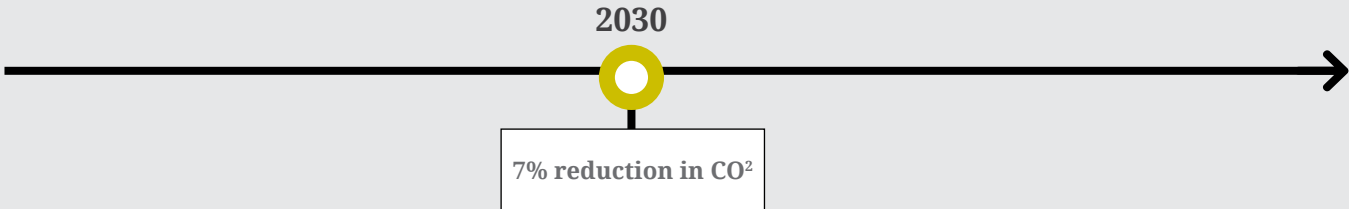

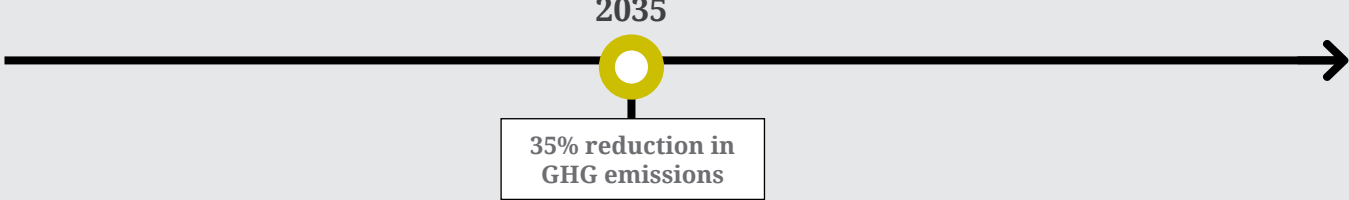

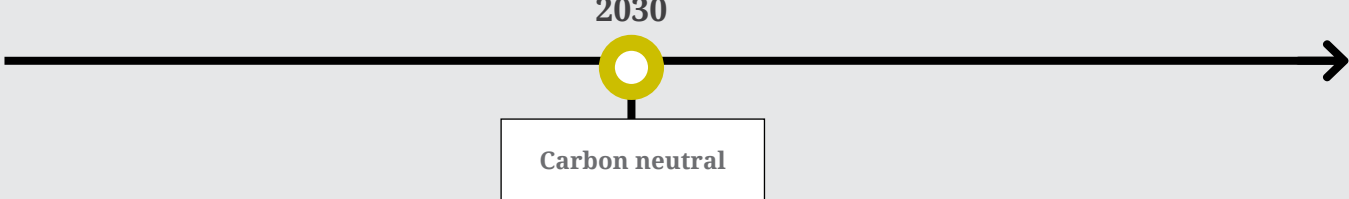
# Appendix: MNO targets for renewable investment and emissions reduction



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$30.3	
Africa Asia Americas Europe MENA		US\$3.9	
Africa Asia Americas Europe MENA		US\$2.2	

# Appendix: MNO targets for renewable investment and emissions reduction


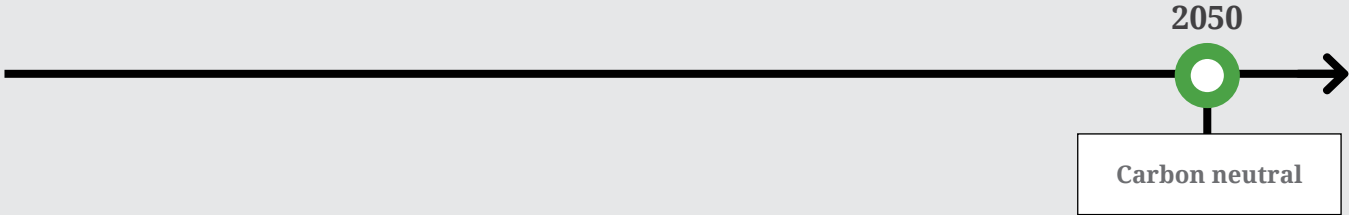

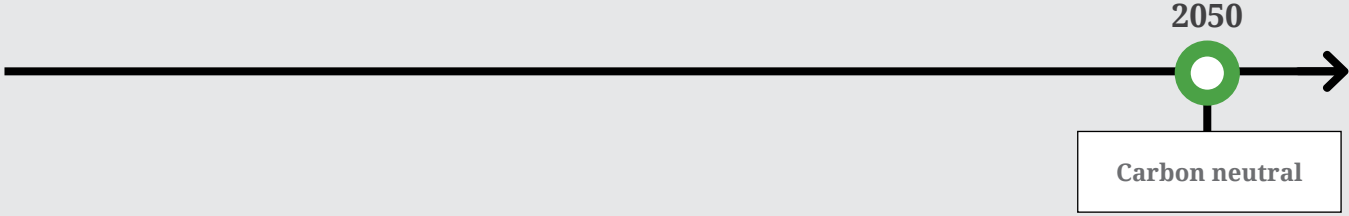



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$34.8	 <p>2030 7% reduction in CO<sup>2</sup></p>
Africa Asia Americas Europe MENA		US\$21.3	 <p>2035 35% reduction in GHG emissions</p>
Africa Asia Americas Europe MENA		US\$22.8	 <p>2030 Carbon neutral</p>



# Appendix: MNO targets for renewable investment and emissions reduction



Geographic footprint	Company	Revenue (US\$bn)	Countdown to climate actions
Africa Asia Americas Europe MENA		US\$10.2	
Africa Asia Americas Europe MENA		US\$4.1b	
Africa Asia Americas Europe MENA		Industry association	