

Climate Change
and Carbon Management
Strategy 2020



Executive summary

Viridor's waste management services bring clear societal benefits; we bring resources to life via our recycling and waste management services, protecting and enhancing public health, our communities and the environment.

Our services and facilities nonetheless have carbon impacts. These include direct greenhouse gas emissions from our operations and indirect impacts through energy use, transport, and those created by our supply chain.

Within our sustainability strategy we have set a clear objective: **To demonstrate leadership in minimising emissions that contribute to climate change and develop climate change adaptation strategies.** Our 2019/20 target was to adopt and implement a Group Climate Change & Carbon Management Strategy, defining our contribution to a low-carbon economy, including specific carbon management and science-based reduction targets.

We have publicly reported our greenhouse gas (carbon) emissions since 2013 and made good progress in responding to the need for carbon management and reduction to date. We also disclose our carbon emissions performance through the annual CDP Climate Change assessment (formerly Carbon Disclosure Project).

Viridor has led the recycling and waste sector in landfill diversion and the delivery of recycling and recovery services and infrastructure. It has helped the sector to be one of the few to meet carbon reduction targets from a 1990 baseline.

Most of our emissions are from our recycling and waste management business activities. In 2019/20 our landfill and energy recovery facilities accounted for 96% of Viridor's reported carbon emissions of 2,033,715 tCO₂e.

This Climate Change and Carbon Management Strategy sets out the main risks and opportunities for Viridor and proposes a set of strategic commitments to enable Viridor to:

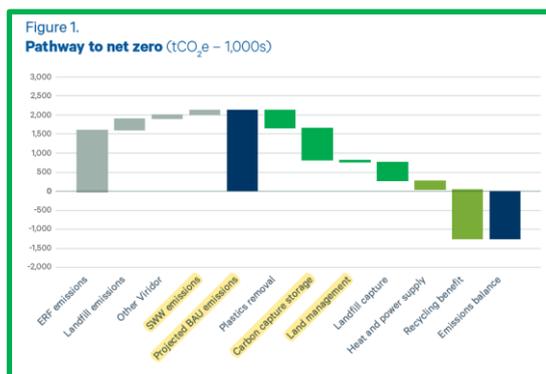
Establish and implement a path to net zero carbon

Set Science-Based Targets for 35% carbon reduction (Scopes 1 & 2) by 2030

To conduct detailed business case reviews of the identified high-potential elements/steps towards net zero (outlined on next page), to enable assessment and implementation.

Viridor's Climate Change and Carbon Management Commitments

- Publish annually our strategic response to climate change in line with Task Force on Climate-related Financial Disclosures (TCFD) recommendations from 2020 and continue to annually participate in and disclose to the CDP Climate Change assessment
 - Conduct further climate scenario analysis during 2020/21
 - Explore through the ESA the production of a waste sector-based adaptation report
 - Set a science-based target for carbon management in 2020, and report on our progress
 - Commit to reduce Scope 1 & 2 emissions by 35% by 2030 from a 2019/20 Base Year
 - Continuous improvement in carbon emissions intensity on tCO₂e/£100k revenue basis
- Ensure 100% of our electricity use is from low-carbon or renewable sources from 2021/22
 - Increase the number of our sites generating renewable energy
 - Investigate opportunities within the business and through industry collaboration to allow the setting of net zero target by 2021/22
 - Work with trade associations and industry bodies to develop agreed metrics and methodologies to enable and accelerate reporting of carbon benefit. This will include all operational activity including tree-planting, energy recovery facility (ERF) input composition, benefit of recycling and recovery services, etc
 - Conduct targeted waste composition survey / analysis (current and modelled) of waste inputs to ERFs and landfill in 2020/21, to improve emission data assumptions and the management of waste inputs
- Decarbonise ERFs and operational activities through active waste input management and the deployment of carbon abatement technologies
 - Undertake survey of surface emissions rates in 2020/21, to improve accuracy of fugitive landfill emissions data and to enhance landfill gas utilisation and the landfill capping programme
 - Apply an internal price of carbon to our investment decisions from 2020/21
 - We will positively engage and collaborate with our customers and communities to support their own climate change response
 - In line with our Sustainable Procurement Policy and Code of Conduct for Suppliers we will work with our supply chain to support their transition to a lower carbon business model, where appropriate.



It is acknowledged that this Strategy is developed in a fast-changing policy framework. It will be kept under regular review and updated as necessary to reflect the latest climate science-informed policy, customer and stakeholder priorities and industry / technology developments. We will report progress at least annually.



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For further information, visit

www.viridor.co.uk

