



GREEN **CREDENTIALS**

IN SUPPORT OF ESG, CSRD REPORTING & PUBLIC TENDERING

*STRICTLY CONFIDENTIAL



DRIVING SUSTAINABLE IMPACT

Supporting Your Path to Sustainable Operations

The purpose of this document is to help Revive's partners and clients meet key environmental, social, and governance (ESG) and Corporate Sustainability Reporting Directive (CSRD) criteria, while maximising your potential in public procurement tenders.

Through the integration of Revive's products in their supply-chain our customers can contribute up to 10-25% of award points in tenders where sustainability scoring is pivotal.

Revive's offerings not only support decarbonisation across multiple reporting scopes but particularly enhance Scope 3 efforts—covering emissions tied to your organisation's value chain. By using Revive Program and Revive Warrior units, you can significantly improve your sustainability metrics and meet ambitious decarbonisation goals.

Scope 3 Overview

Scope 3 emissions are indirect emissions stemming from activities across your value chain, including sourcing, transport, and product usage. Reducing Scope 3 emissions is challenging but essential for meeting comprehensive sustainability standards.

How Revive Supports Your Sustainability Goals

The **Revive Program** ensures sustainable practices by:

- **Extending product lifespans** through reconditioning, reducing demand for virgin steel and new manufacturing.
- **Cutting carbon emissions** by minimising waste and optimising resource usage in production.
- **Enhancing circular economy** practices by refurbishing equipment that would otherwise be disposed of.

Our **Revive Warrior** units provide robust environmental benefits, including the following:

- **30+ year lifespan** with minimal maintenance, lowering replacement rates and resource consumption.
- **Reduced operational emissions** through optimised fuel efficiency and adaptable fuel options.
- **Direct contribution to Scope 3 reductions** by allowing your operations to sustainably manage water and sewer systems.



THE MARKET DISRUPTORS

At Revive We Create Products Designed to Disrupt the Market

Formed in 2020, The Revive Group supports our partners to achieve maximum environmental sustainability through the provision of best-in-class environmental service equipment for their underground infrastructure maintenance and servicing operations.

Uniquely, Revive does this through a whole-of-life approach that delivers a significantly lower lifetime carbon footprint for the asset; benefiting the operator at the bottom line and benefiting the environment where it counts, through lower carbon emissions.

The Revive Warrior Program

A whole-of-life approach which revolves around three core principles:

- Lower carbon emissions at the production level through Revive's industry-leading off-grid manufacturing site.
- Lower carbon emissions at the operating level through reduced fuel and water usage that comes from a more efficiently designed operating platform in the Revive Warrior and Revive products.
- Lower carbon emissions at the asset level through the ability to recondition and reuse major elements of the product - leading to second, third and even fourth operational life-cycles for each unit.

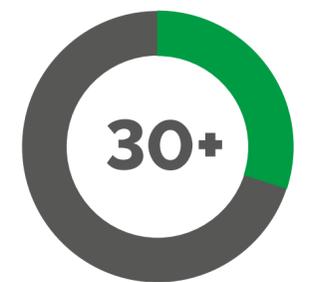
At the Revive Group, we create **Partners in Sustainability**, not just customers.



MORE THAN 75 TONNES OF CO₂ EMISSIONS SAVED



LIFE-TIME SAVING ON THE COST OF EQUIVALENT NEW UNITS



REVIVE WARRIOR'S ARE BUILT TO HAVE A LIFESPAN OF 30+ YEARS

TAILWINDS

Carbon Credits

Going forward, as we integrate the Revive Warrior Program, our clients will gain new opportunities to enhance sustainability and financial efficiency, including:

- Carbon savings through the reuse of tanks and key components with each cycle of the Revive Program—projected to reduce up to 25 tonnes of carbon per Revive.
- The potential to offset and trade carbon credits linked to the extended life cycles offered by the Revive Warrior Program, exceeding 30 years.
- Emerging opportunities in certain territories to offset corporation tax using carbon credits generated through the Revive Program.

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The Right to Recycle

The EU is moving to introduce legislation to compel manufacturers to lengthen the working life cycles of all manufactured goods. The Revive Warrior Program is designed and built to meet these requirements.



View more info:
acrcarbon.org



View more info:
europeanlawinstitute.eu





THE CIRCULAR ECONOMY

Paving the Way to 2050 Climate Neutrality

The European Union's commitment to a Circular Economy is not just a vision but a necessity. As we edge closer to 2050, the aim is to achieve climate neutrality and halt the loss of biodiversity. This transformation is crucial in ensuring sustainable growth, creating jobs, and reducing the strain on our planet's finite resources.

The EU Green Deal: At the Heart of Circular Economy

The Circular Economy lies at the core of the EU's Green Deal, embodying the essence of sustainable progress:

- **Single Planet Reality**

By 2050, the world is projected to consume resources equivalent to three Earths. Our transition to a Circular Economy addresses this unsustainable trajectory.

- **Sustainable Impact**

Reducing natural resource pressure, fostering economic growth, and generating employment are fundamental to achieving the 2050 climate goals.

The Revive Program: A Catalyst for Circular Economy

- **Sustainable Solutions**

The Revive Program is designed to extend the lifespan of existing sewer cleaning units. By refurbishing and upgrading current equipment, we significantly reduce waste and the demand for new resources.

- **Economic Benefits**

The Revive Program not only helps in cutting down costs associated with purchasing new units but also ensures that our clients' operations continue seamlessly with minimal environmental impact.

- **Expertise and Innovation**

With sustainability at the core of our business, The Revive Group utilises cutting-edge technology and industry expertise to deliver solutions that are both eco-friendly and economically viable.

Join Revive in Shaping a Sustainable Future

The Circular Economy is not merely an environmental initiative but a comprehensive strategy to secure a sustainable future for all. Revive is at the forefront of this transformation within the sewer cleaning industry. By partnering with us, you are not only enhancing your operational efficiency but also contributing to a greener, more sustainable world.



REVIVE WARRIOR

Designed to Lead. Built to Last

The Revive Warrior stands proudly as the Group's first newly manufactured unit. Designed with a strong focus on durability and uncompromising quality, this unit is all about standing the test of time.

In an era where cutting costs often takes the lead, this unit goes against the grain, placing long-lasting excellence ahead of short-term savings.

 Revive
WARRIOR





REVIVE PROGRAM

A New Lease of Life

Designed to maximise the lifespan of existing sewer cleaning trucks, The Revive Program offers environmental and financial advantages to our partners.

Created to minimise waste within the water and wastewater industry, each Revive unit has the potential to save up to 25-tonnes of CO₂ through a reduced demand for virgin steel.

Remounted onto a new chassis, all Revive units undergo an extensive refurbishment; from a complete reconditioning to a full rewire, our trucks often surpass the OEM specifications.

ON AVERAGE 1.9 TONNES OF CO₂ ARE EMITTED FOR EVERY TONNE OF VIRGIN STEEL PRODUCED.

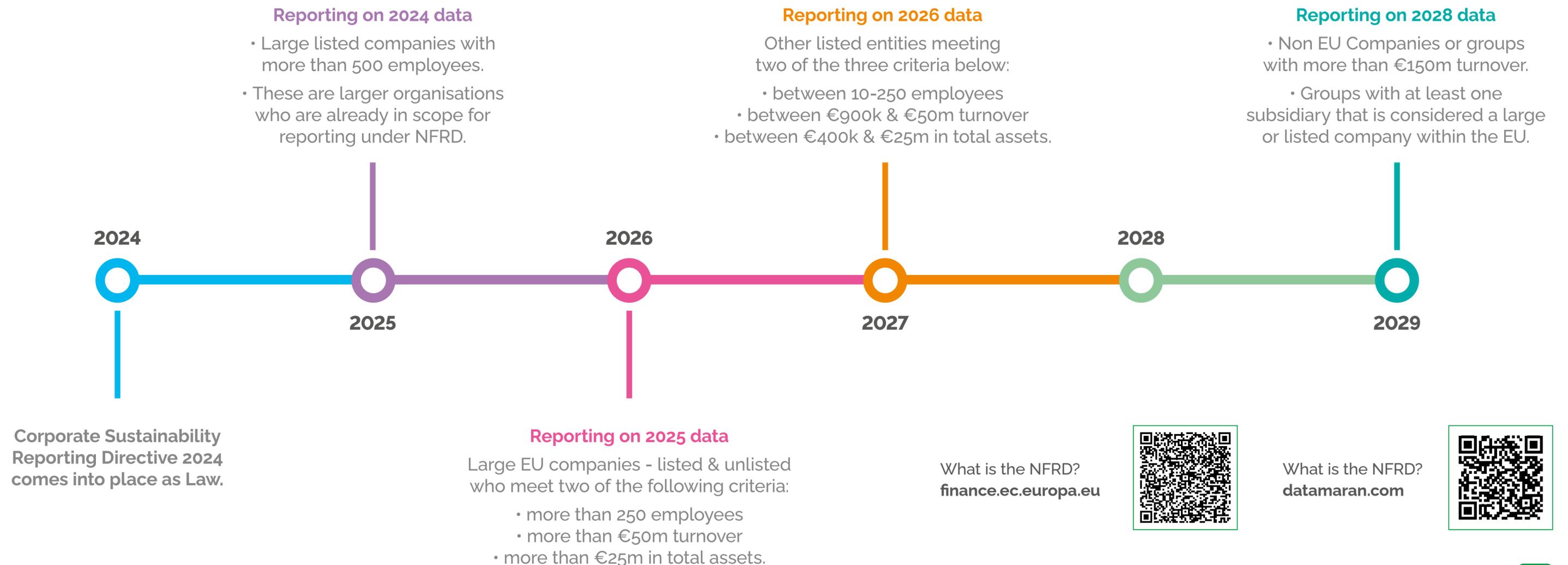


Find out more:
worldsteel.org



LEGISLATIVE ROADMAP

EU legislation, driving a circular economy, addresses critical water and pollution challenges while unlocking the potential of carbon and climate benefits.





COMMERCIAL TAILWINDS

Increased Weather Patterns

Global precipitation patterns are shifting. Data from various international organisations, including the Intergovernmental Panel on Climate Change (IPCC), suggests an average increase in annual rainfall over land areas since the early 20th century.

While this might seem beneficial, it presents a significant challenge for our ageing sewer networks, already struggling to keep pace with urbanisation and population growth.

Rising Rains, Strained Infrastructure

- Global precipitation is on the rise. Data suggests an average increase in annual rainfall, straining sewer systems designed for historical levels.
- Expanding cities and growing populations demand more from our aging sewer infrastructure.



View more info:
[IPCC.ch](https://www.ipcc.ch)



View more info:
[who.int](https://www.who.int)



View more info:
[UNEP.org](https://www.unep.org)

Consequence of Overflow

Overwhelmed by rainwater, sewer networks can overflow, causing

- **Environmental damage:** Contaminated waterways harm public health and aquatic ecosystems.
- **Property damage:** Basement backups and flooding impacts homes and businesses.
- **Public health risks:** Exposure to harmful bacteria, pathogens and even the potential loss of life due to flooding.

Proactive Investment

Proactive work on sewer systems is crucial to prevent a downpour disaster:

- **Infrastructure upgrades:** Upgrading pipes, increasing capacity, and improving storm-water management.
- **Preventative maintenance:** Regular cleaning and inspection to identify and address potential problems.



UK CASE STUDY (AMP-8)

AMP-8 (April 1 2025 - March 31 2030)

With the impending arrival of AMP-8 regulations in England and Wales in 2025, the UK water industry is set for a period of significant increased investment.

This regulatory framework, focused on improved infrastructure, environmental sustainability, and climate change resilience, aligns perfectly with the services offered by the Revive Group and our partners.

Increased Investment in Sewer Maintenance

- AMP-8 mandates a significant increase in spending compared to AMP-7. This translates to a larger budget for water companies to invest in equipment.
- As a provider of sewer cleaning equipment, Revive is well-positioned to capitalise on this rise in demand.

Focus on Environmental Sustainability

- AMP-8 emphasises environmentally friendly practices and infrastructure.
- Revive's focus on a 'whole-of-life approach' that minimises the carbon footprint of their equipment directly addresses this growing demand.
- Water companies seeking sustainable solutions will be more inclined to invest in programs like the Revive Warrior Program.

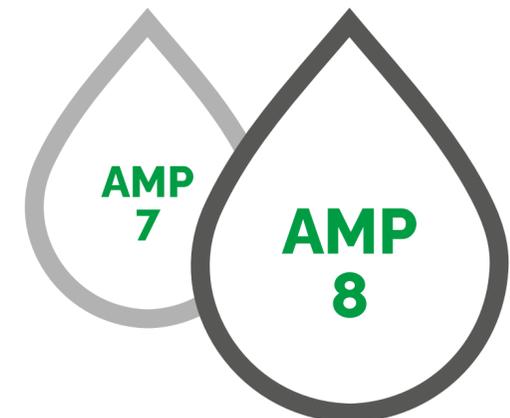
Overall Market Growth

- The trends in the sewer cleaning market, driven by urbanisation and government initiatives, align with Revive's core business.
- Increased investment in sewer infrastructure, spurred by AMP-8, will further fuel market growth, benefiting Revive.

By strategically aligning their offerings with the priorities outlined in AMP-8, the Revive Group can position ourselves for significant growth in the coming years.

A Greater Commitment*

- AMP-7 (April 2020 to March 2025)
A £51bn investment.
- AMP-8 (April 2025 to March 2030)
A £100bn investment.



*View more info:
fitchratings.com

REVIVE RECYCLING PISTON

Green Solutions with Patented Technology

The Revive Recycling Piston is a compact, innovative solution designed to revolutionise the wastewater industry. This patented design can be easily retrofitted to existing units, offering a significant sustainability boost and positioning it as a game-changing technology with global potential.

By maximising the use of grey-water (recycled wastewater) instead of clean water, the Revive Recycling Piston enhances sustainability efforts, breathing new life into existing units while benefiting the environment—a win-win solution for our partners.

Once connected to our systems, this technology is aimed at maximising the efficiency of the Revive Warrior units within the rental fleet. This adaptability allows us to meet the specific requirements of rental customers. Warrior units can have the Recycling Piston installed or removed as needed, providing a flexible solution that adapts to operational demands.

Can we give a % saving?
Case Study example



REVIVE PARK

The Home of Sustainability

Revive Park will provide a sustainable off-grid manufacturing facility for our products. Located at the centre-point of the Mid-Tipperary Decarbonising Zone, within the National Bioeconomy Campus at Lisheen Mine, powered by wind and solar energy this site has been purpose-built by Revive. The Park will feature purpose-built, manufacturing sites designed to host a community of like-minded businesses and organisations.

With the first unit planned to be fully operational in late 2025; Revive Park will act as a catalyst for local job creation, showcasing the region as a prominent exporter of Irish products to a global audience.

Utilising the power of Ireland's largest inland wind farm and with the development of an on-site* solar farm; Revive Park will stand as a testament to our unwavering commitment towards environmental responsibility.

Delivering complete energy independence, when completed the park's six sites are designed to operate **entirely off-grid**. Join us in redefining the future of business – where innovation meets responsibility.

*Subject to securing all necessary consents and planning permissions.



MID-TIPPERARY DECARBONISING ZONE

A Collaborative Approach

Ireland's Mid-Tipperary Decarbonising Zone (DZ) stands as a collaborative testament to tackling climate change. Launched in 2021, it weaves a tapestry of community engagement, multifaceted solutions, and ambitious goals.

The DZ champions collaboration, working directly with locals, businesses, and stakeholders to create effective climate action plans. Its reach extends far beyond single sectors, tackling emissions across residential, commercial, transport, and agricultural spheres. Renewable energy takes centre stage, with the DZ actively promoting wind, and other clean sources to power Tipperary's future.

The rewards are clear. Cleaner air, improved energy security, and a thriving green-jobs market. Residents will enjoy a higher quality of life, while the region's commitment to environmental stewardship attracts businesses.

Preparation is key. The DZ stands ready, armed with a detailed Local Area Profile and Baseline Emissions Inventory. The Draft Tipperary County Council Climate Action Plan 2024-2029 outlines specific projects aimed at renewable energy production for commercial and industrial output.

The Mid-Tipperary Decarbonising Zone presents not just a project, but a blueprint for a future where collaboration, innovation, and environmental responsibility reign.



SITE MASTERPLAN



REVIVE PARK
Under Construction



SOLAR FARM
Proposed Site



WIND FARM
Existing Site



BIO REFINERY
Existing Site





OUR NEW OFF-GRID MANUFACTURING FACILITY



REVIVE'S NEW MANUFACTURING FACILITY

Fully Off-Grid Manufacturing Facility

Set to be fully operational in 2025, Revive's new off-grid manufacturing facility is designed to be the focal point of Revive Park and home of the Revive Warrior.

Building One is just the beginning – we're planning six units in total, all built with a net zero energy input requirement delivered by wind gain and sustainable energy sources. Each unit is available for rent to manufacturing companies that share our commitment to a greener future for Ireland.





ENERGY & SUSTAINABILITY CONSULTANT

We welcome Barry O'Donovan as Revive's Energy and Sustainability Consultant. Barry brings a wealth of experience and expertise, dedicated to reducing energy consumption and enhancing sustainable practices.

Barry O'Donovan – Revive's Energy and Sustainability Consultant

Barry brings a wealth of experience and expertise, dedicated to reducing energy consumption and enhancing sustainable practices at Revive.

A passionate and enthusiastic environmental scientist with many years' experience across all areas of environmental sustainability. As an Energy and Sustainability Consultant at Rowan Engineering Consultants, Barry has played a key role in conducting decarbonisation assessments, managing energy systems, and implementing corporate sustainability strategies. His focus on practical advice has helped businesses reduce operating costs, utility consumption, waste generation, and carbon emissions through a measured and verified approach.

Barry has served as the Resource Efficiency Manager at ABP Food Group, where he successfully led various environmental and sustainability projects across the organisation. His work focused on resource efficiency, energy, water and waste management, and corporate responsibility. Barry's extensive knowledge of sustainability policies, standards, and trends, along with his strong connections in the environmental sector, make him a valuable asset to The Revive Group and our growing network of partners.

Barry is committed to driving eco-friendly initiatives that align with The Revive Group's mission to maximise sustainability across Revive Park, our manufacturing processes, and our facilities.



