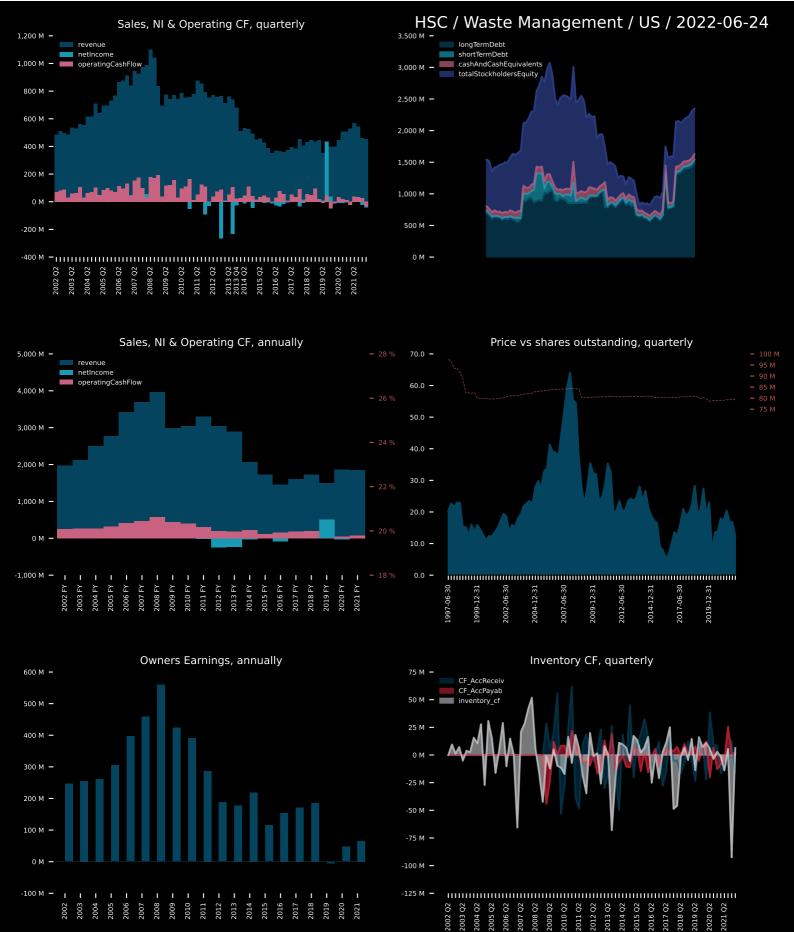
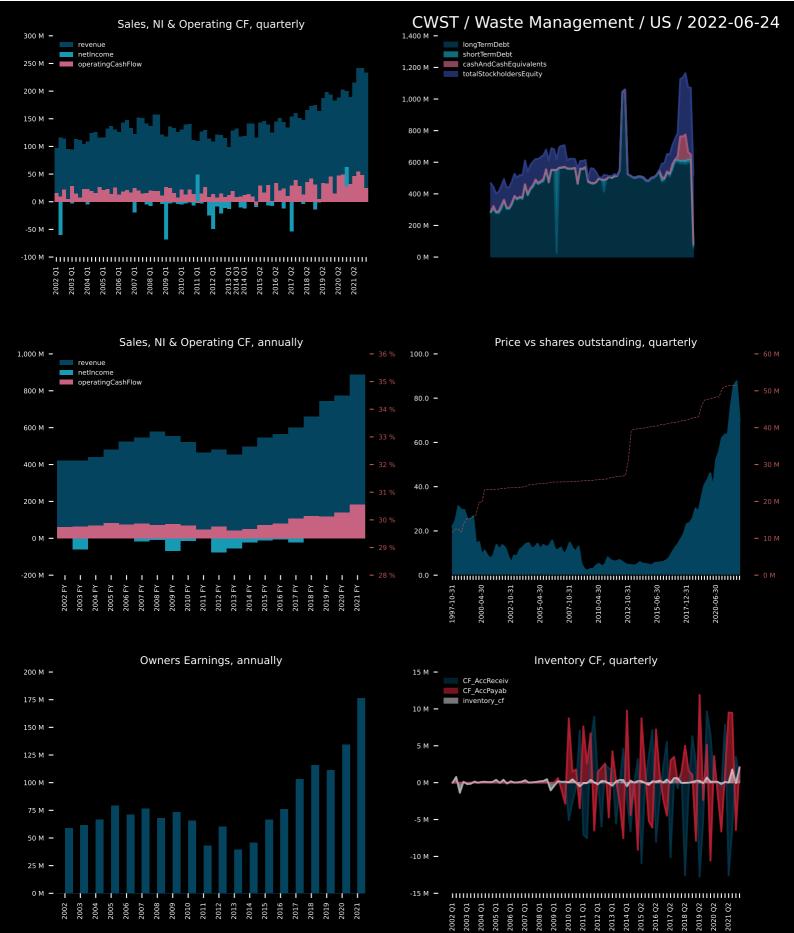


Avalon Holdings Corporation provides waste management services to industrial, commercial, municipal, and governmental customers in the United States. It operates in Waste Management Services, and Golf and Related Operations segments. The Waste Management Services segment offers hazardous and nonhazardous waste disposal brokerage and management services; and captive landfill management services, as well as engages in the salt water injection well operations. This segment also provides turnkey services, including daily operations, facilities management, and management reporting; and sells construction mats. The Golf and Related Operations segment operates and manages four golf courses and related clubhouses, a hotel, and a travel agency. Its golf and country club facilities provide swimming pools, fitness centers, toppic courts, diping, and banguot and conference facilities, as well as spa services. The



Harsco Corporation provides environmental solutions for industrial and specialty waste streams worldwide. It operates through two segments, Harsco Environmental and Harsco Clean Earth. The Harsco Environmental segment offers on-site services for material logistics, product quality improvement, and resource recovery for iron, steel, and metals manufacturing; manufactures and sells industrial abrasives, roofing granules, aluminum dross, and scrap processing systems; and produces value-added downstream products from industrial waste-stream. The Harsco Clean Earth segment provides waste management services, including transportation, specialty waste processing, and recycling and beneficial reuse solutions for hazardous wastes, and soil and dredged materials. The company was founded in 1853 and is headquartered in Camp Hill,



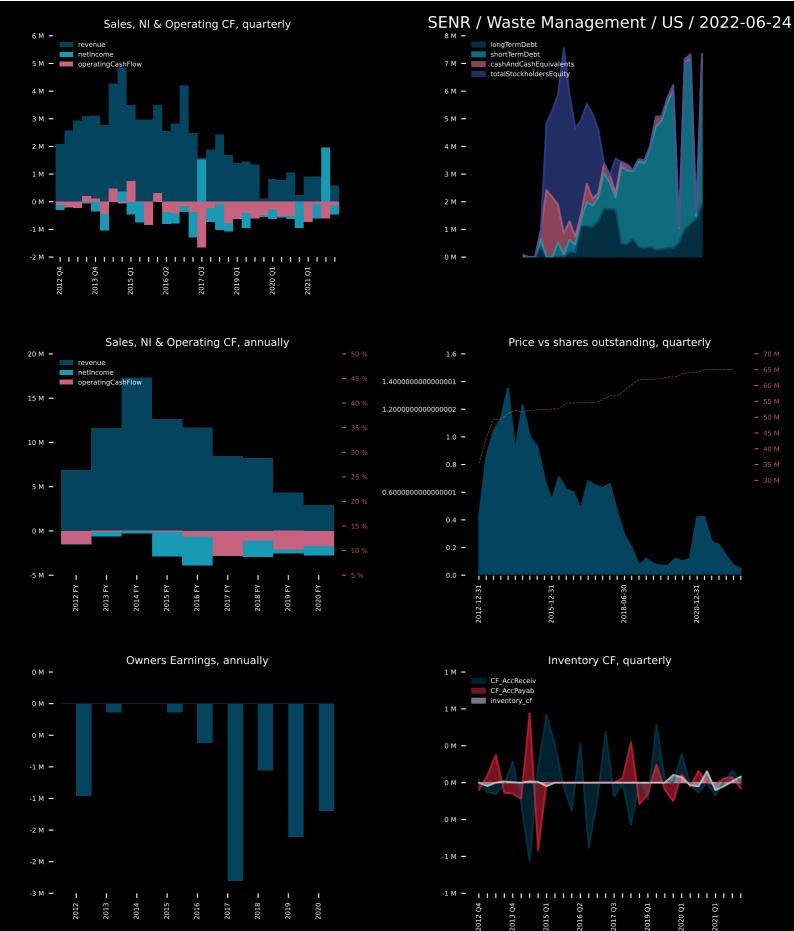
Casella Waste Systems, Inc., together with its subsidiaries, operates as a vertically integrated solid waste services company in the northeastern United States. It offers resource management services primarily in the areas of solid waste collection and disposal, transfer, recycling, and organics services to residential, commercial, municipal, institutional, and industrial customers. The company provides a range of non-hazardous solid waste services, including collections, transfer stations, and disposal facilities. It also markets recyclable metals, aluminum, plastics, and paper and corrugated cardboard that are processed at its facilities, as well as recyclables purchased from third parties. In addition, the company is involved in commodity brokerage operations. As of January 31, 2022, it owned and/or operated 50 solid waste collection



TORtec Group Corporation does not have significant operations. Previously, it was focused on the commercialization of its proprietary TOR-technology that uses cascaded adiabatic resonance vortex mills that utilizes compressed air as the energy in the system. The company was formerly known as Geo Point Resources, Inc. and changed its name to TORtec Group Corporation in November 2018. TORtec Group Corporation was incorporated in 2012 and is based in Sheridan, Wyoming.



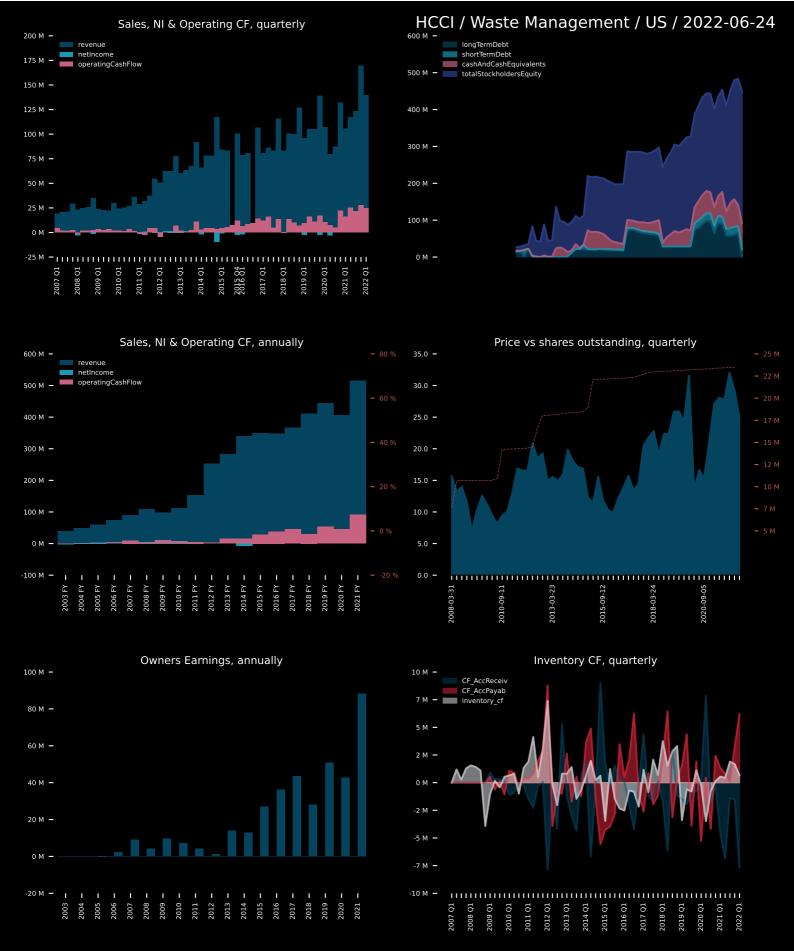
Nuverra Environmental Solutions, Inc. provides water logistics and oilfield services to customers focused on the development and ongoing production of oil and natural gas from shale formations in the United States. The company provides water transfer, disposal, rental, and other services associated with the drilling, completion, and ongoing production of shale oil and natural gas. It operates through three divisions: the Rocky Mountain, the Northeast, and the Southern. The Rocky Mountain Division manages a fleet of 176 trucks; owns, manages, and leases a network of 20 salt water disposal wells under the Landtech brand names; and maintains and leases rental equipment, including tanks, loaders, manlifts, light towers, winch trucks, and other miscellaneous equipment used in drilling and completion activities to oil and



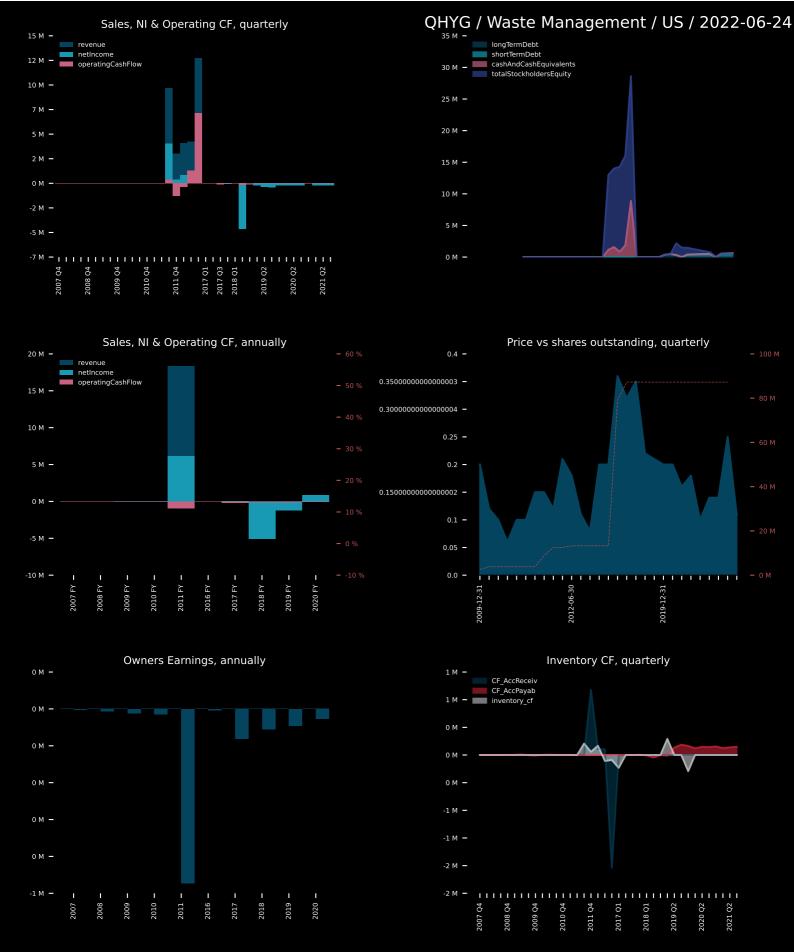
Strategic Environmental & Energy Resources, Inc. provides clean-technologies, waste management, and related services in the United States and internationally. The company operates through two segments, Environmental Solutions and Solid Waste. The company designs and sells H2SPlus and OdorFilter dry scrubber system solutions for management of hydrogen sulfide in biogas, landfill gas, and petroleum processing operations; develops and designs proprietary technologies and systems for conditioning biogas for use as renewable natural gas; and develops waste destruction technology using pyrolytic heating process combined with non-thermal plasma assisted oxidation. In addition, it develops renewable natural gas projects; and chemical absorbents and catalysts that enhance the capability of biogas produced from landfill, wastowater treatment, and agricultural digester operations, as



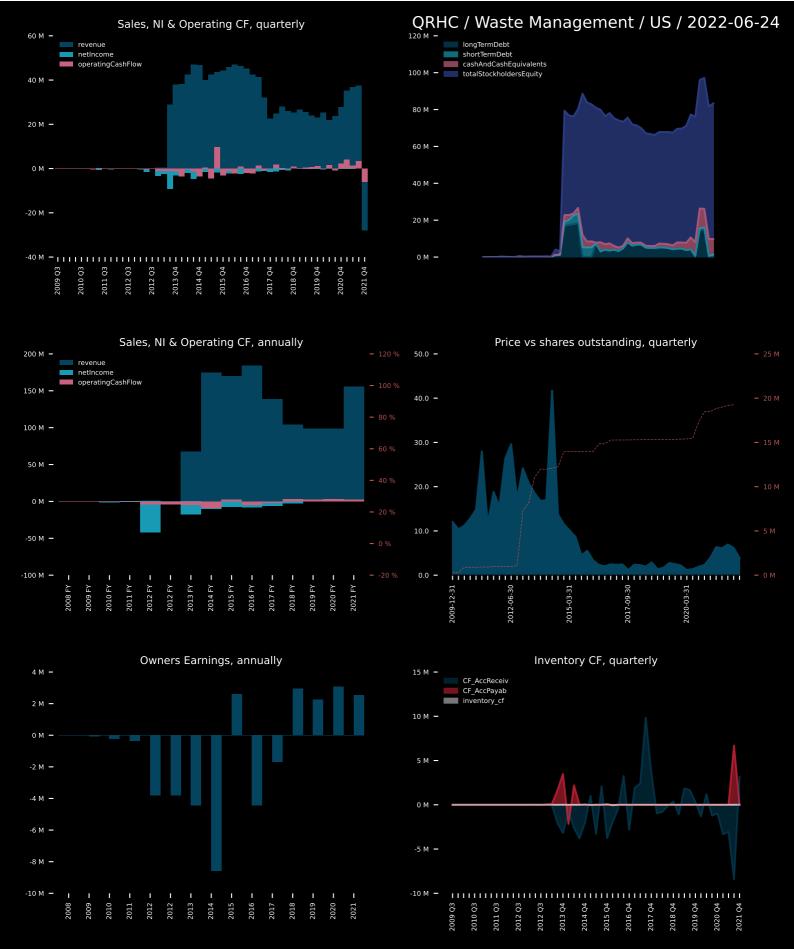
Lassila & Tikanoja Oyj operates as a service company in Finland, Sweden, and Russia. It operates through four segments: Environmental Services, Industrial Services, Facility Services Finland, and Facility Services Sweden. The company offers waste management and recycling services; sells receptacles, and related maintenance and circular economy solutions; and provides wood-based and recycled fuels, and wood raw materials, as well as forest services to forest owners. It also provides solutions for industrial material flows and their utilization, as well as industrial process cleaning solutions; and engages in the collection and disposal of hazardous waste and sewer system maintenance and repair solutions. In addition, the company offers support services and services for cleaning, property maintenance, and real estate management, as well as repair and repoyation services; and building automation, refrigoration technology.



Heritage-Crystal Clean, Inc., through its subsidiary, Heritage-Crystal Clean, LLC, provides parts cleaning, hazardous and non-hazardous waste, and used oil collection services to small and mid-sized customers in the industrial and vehicle maintenance sectors in the United States and Canada. It operates through two segments, Environmental Services and Oil Business. The Environmental Services segment offers parts cleaning, containerized waste management, wastewater vacuum, antifreeze recycling, and field services. The Oil Business segment engages in the collection of used oil, the sale of recycled fuel oil, and used oil filter removal and disposal activities, as well as the re-refining of used oil into lubricant base oil and other products. The company also collects and disposes wastewater. As of January 1, 2022, it operated through 91 branches serving approximately 95,000 customer locations. Heritage Crystal Clean, Inc., was



QHY Group provides wastewater treatment solutions in the United States. The company is based in New York, New York.



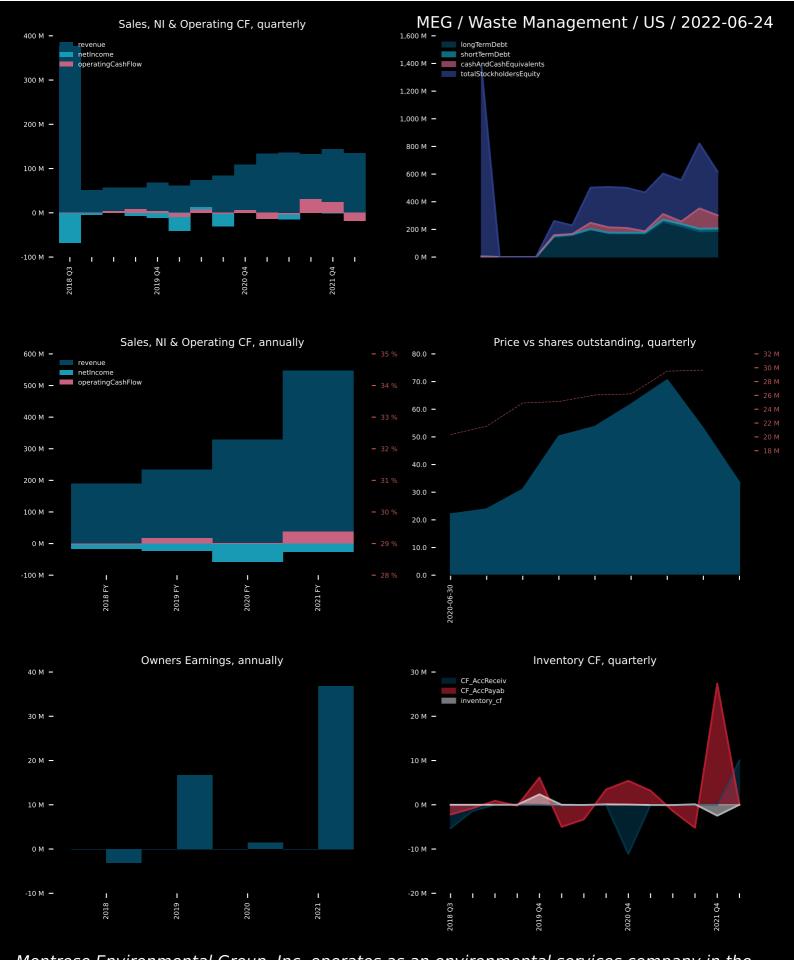
Quest Resource Holding Corporation, together with its subsidiaries, provides solutions for the reuse, recycling, and disposal of various waste streams and recyclables in the United States. It offers disposal and recycling services for motor oil and automotive lubricants, oil filters, scrap tires, oily water, goods destruction, food waste, meat renderings, cooking oil and grease trap waste, plastics, cardboard, metal, glass, mixed paper, construction debris, as well as a large variety of regulated and non-regulated solid, liquid, and gas wastes. The company provides santifreeze and windshield washer fluid, dumpster and compacting equipment, and other minor ancillary services. In addition, it offers landfill diversion services. The company's services focus on the waste streams and recyclables from big box, grocers, and other retailers; automotive



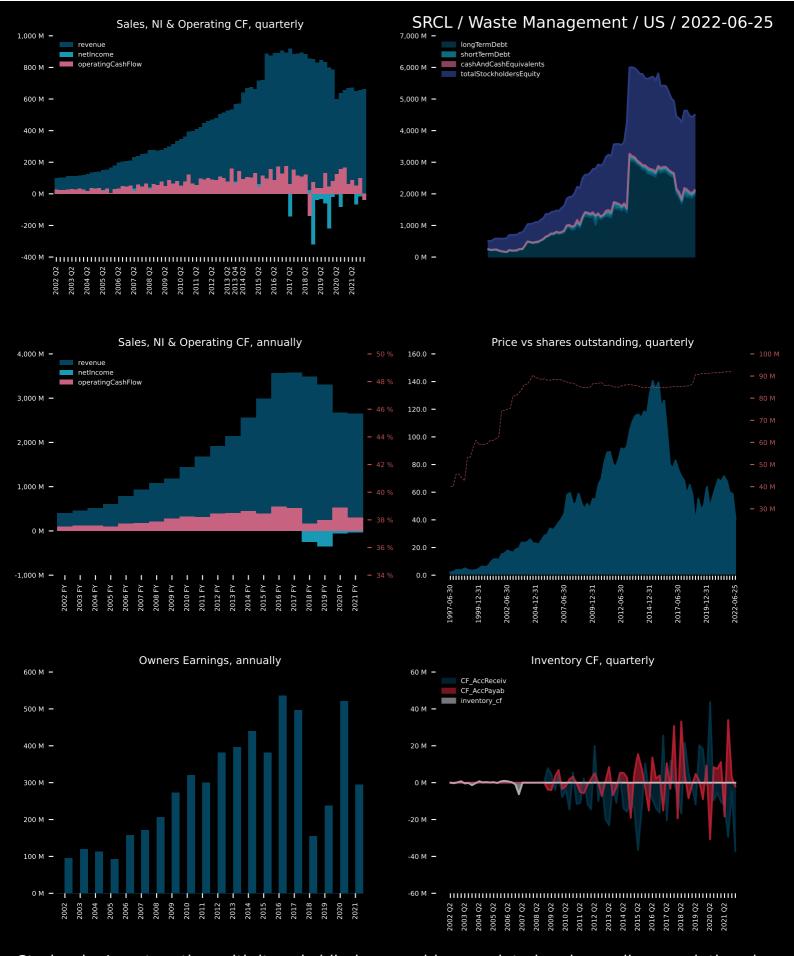
JanOne Inc., a clinical-stage biopharmaceutical company, focuses on identifying, acquiring, licensing, developing, partnering, and commercializing novel, non-opioid, and non-addictive therapies to address the unmet medical need for the treatment of pain and addiction. It operates through three segments: Biotechnology, Recycling, and Technology. The company's lead product candidate is JAN101, a patented oral and sustained release pharmaceutical composition of sodium nitrite that targets poor blood flow to the extremities in patients with diabetes or peripheral artery disease to treat pain. It also provides turnkey appliance recycling and replacement services for utilities and other sponsors of energy efficiency programs; and designs, develops, and sells cellular transceiver modules and associated wireless services. The



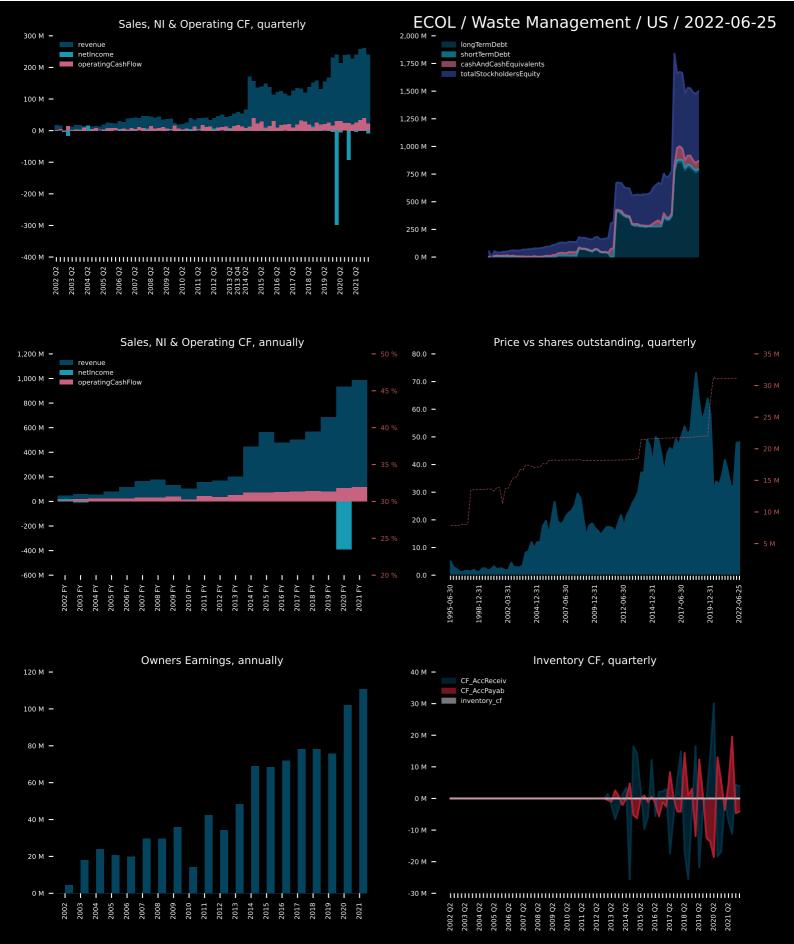
Clean Harbors, Inc. provides environmental and industrial services in North America. The company operates through two segments, Environmental Services and Safety-Kleen Sustainability Solutions. The Environmental Services segment collects, transports, treats, and disposes hazardous and non-hazardous waste, such as resource recovery, physical treatment, fuel blending, incineration, landfill disposal, wastewater treatment, lab chemicals disposal, and explosives management services; and CleanPack services, including collection, identification, categorization, specialized packaging, transportation, and disposal of laboratory chemicals and household hazardous waste. This segment also provides industrial maintenance and specialty industrial services, and utilizes specialty equipment and resources that performs field services.



Montrose Environmental Group, Inc. operates as an environmental services company in the United States. The company operates in three segments: Assessment, Permitting and Response; Measurement and Analysis; and Remediation and Reuse. The Assessment, Permitting and Response segment provides scientific advisory and consulting services to support environmental assessments, environmental emergency response and recovery, toxicology consulting and environmental audits and permits for current operations, facility upgrades, new projects, decommissioning projects, and development projects. Its technical advisory and consulting services include regulatory compliance support and planning, environmental, and ecosystem and toxicological assessments and support during responses to environmental disruptions. The Measurement and Analysis segment tosts and analysis air water, and soil to



Stericycle, Inc., together with its subsidiaries, provides regulated and compliance solutions in the United States, Europe, and internationally. The company offers regulated waste and compliance services, including sharps disposable and management solutions; pharmaceutical waste services; hazardous waste disposal; maritime waste services, such as seaport and airport waste; and compliance programs under the Steri-Safe, Clinical Services, First Practice Management, SeguriMed, and EnviroAssure brand names. It also provides secure information destruction services, including document and hard drive destruction services under the Shred-it brand; and communication solutions, such as appointment reminders, secure messaging, event registration, and other communications specifically for hospitals and integrated delivery



US Ecology, Inc., through its subsidiaries, provides environmental services to commercial and government entities in the United States, Canada, Europe, the Middle East, Africa, Mexico, and internationally. It operates through three segments: Waste Solutions, Field Services, and Energy Waste. The Waste Solutions segment offers specialty waste management services, including treatment, disposal, beneficial re-use, and recycling of hazardous, non-hazardous, and other specialty waste at company-owned treatment, storage, and disposal facilities, as well as wastewater treatment services. The Field Services segment provides logistics, and response solutions, which includes specialty waste packaging, collection, transportation, and total waste management; and land and marine based emergency response, oil spill removal organization standby compliance, remodiation, and industrial services. The Energy Waste segment offers



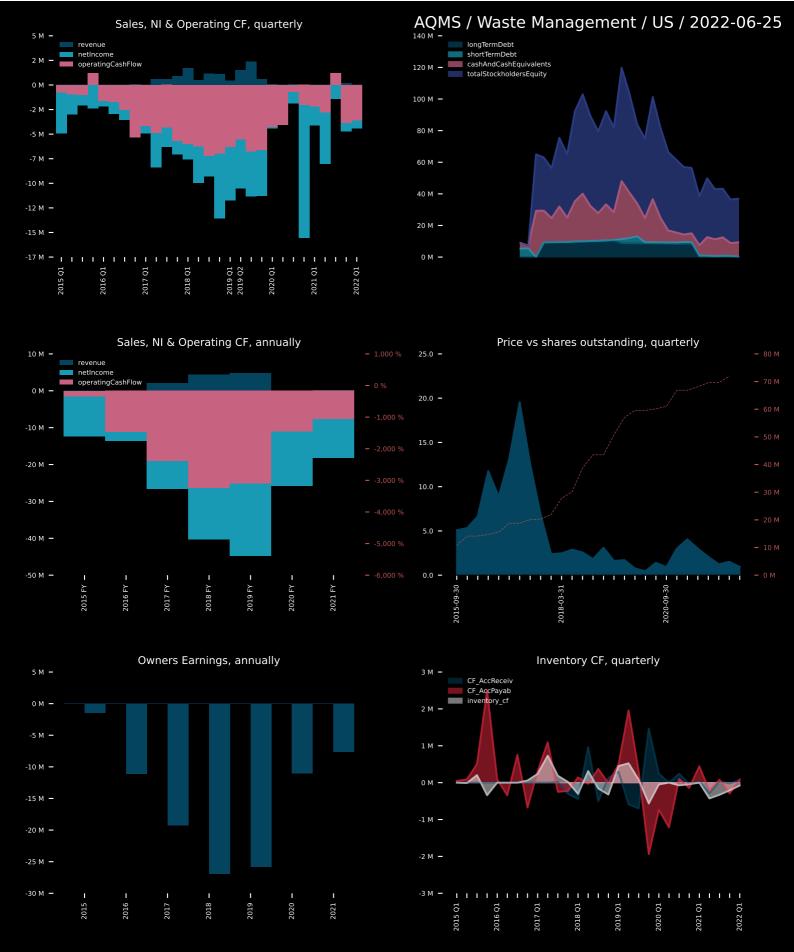
SusGlobal Energy Corp., a renewable energy company, focuses on acquiring, developing, and monetizing a portfolio of proprietary technologies in the waste to energy and regenerative products application. It serves municipalities in rural and urban centers throughout southern and central Ontario, Canada. The company was founded in 2014 and is headquartered in Toronto, Canada.



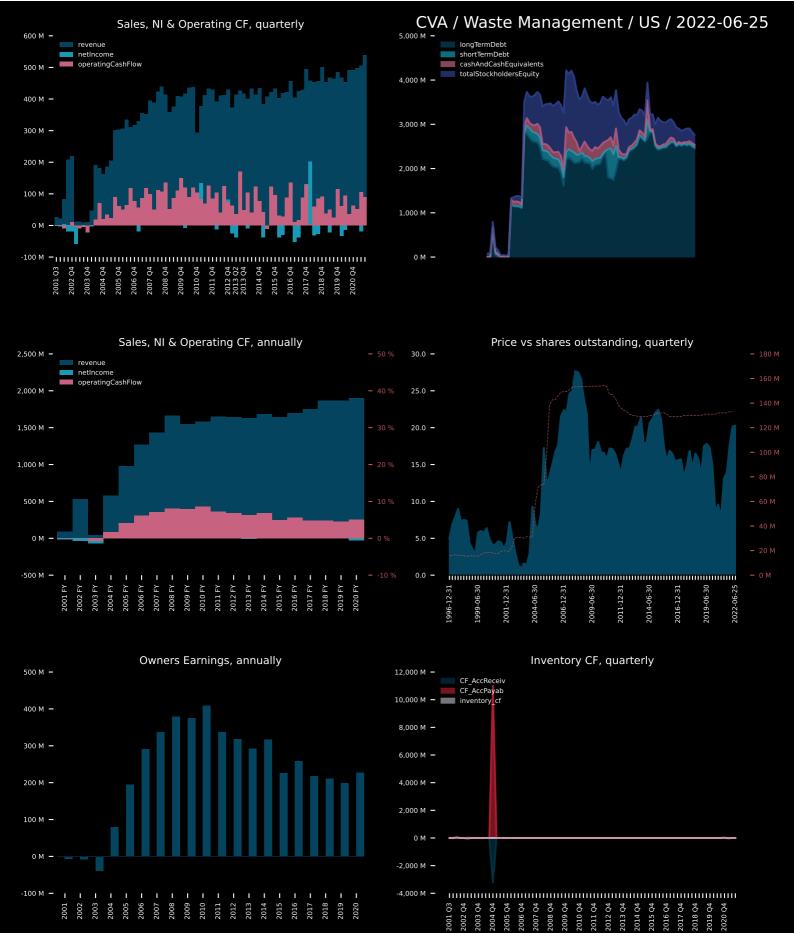
Charah Solutions, Inc. provides environmental services to the power generation industry in the United States. The company offers remediation and compliance services, including environmental management of landfills for coal-fired power generation facilities and new and existing ash ponds; and active pond management services, such as closure by removal, cap-in-place, and design and construction of new ponds. Its remediation and compliance services also include landfill development, construction, and management; site evaluation and characterization; preliminary design and cost estimates with life-cycle analysis; hydrogeological assessment; groundwater and containment modeling; permit application and processing for expansions and greenfield sites; design engineering; construction of landfills and cap and cover



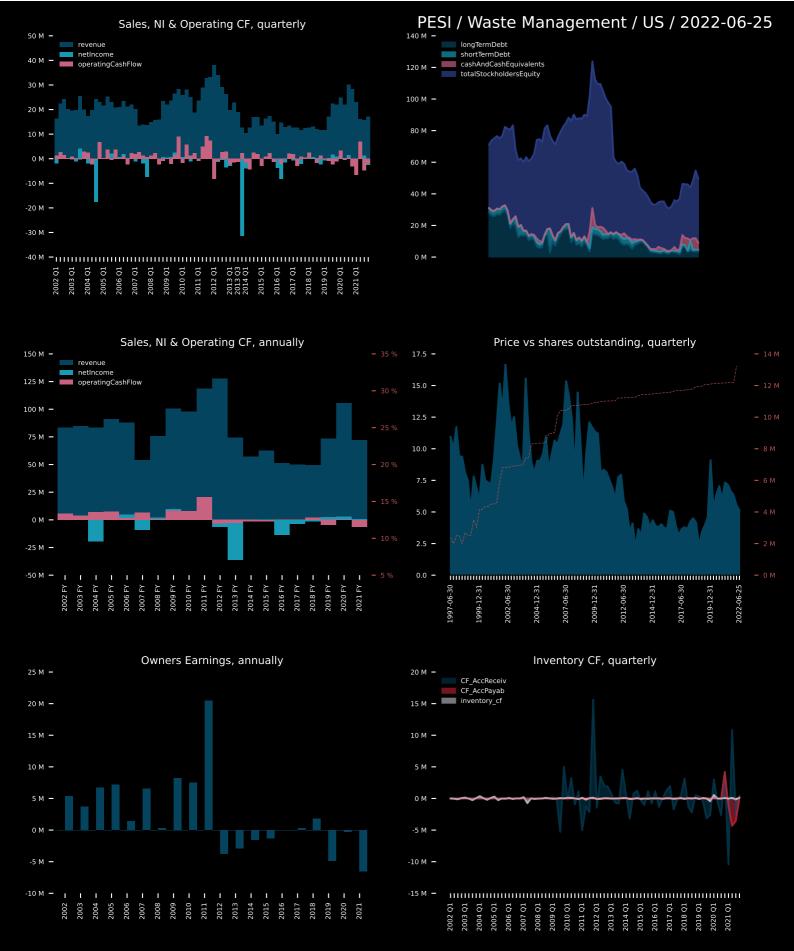
Deep Green Waste & Recycling, Inc. operates as a consolidator and operator of environmental services. The company specializes in waste and recycling companies that manage environmental remediation, abatement, and specialized testing services; and construction and debris removal for commercial, institutional, and residential properties in the south-eastern United States. It serves retail malls and shopping centers, multi-family apartment and townhome communities, hospitals, hotels and restaurants, correctional institutions, and office parks; and residential property management companies, general contractors, construction and demolition companies, and industrial and manufacturing businesses. The company is based in Woodinville, Washington.



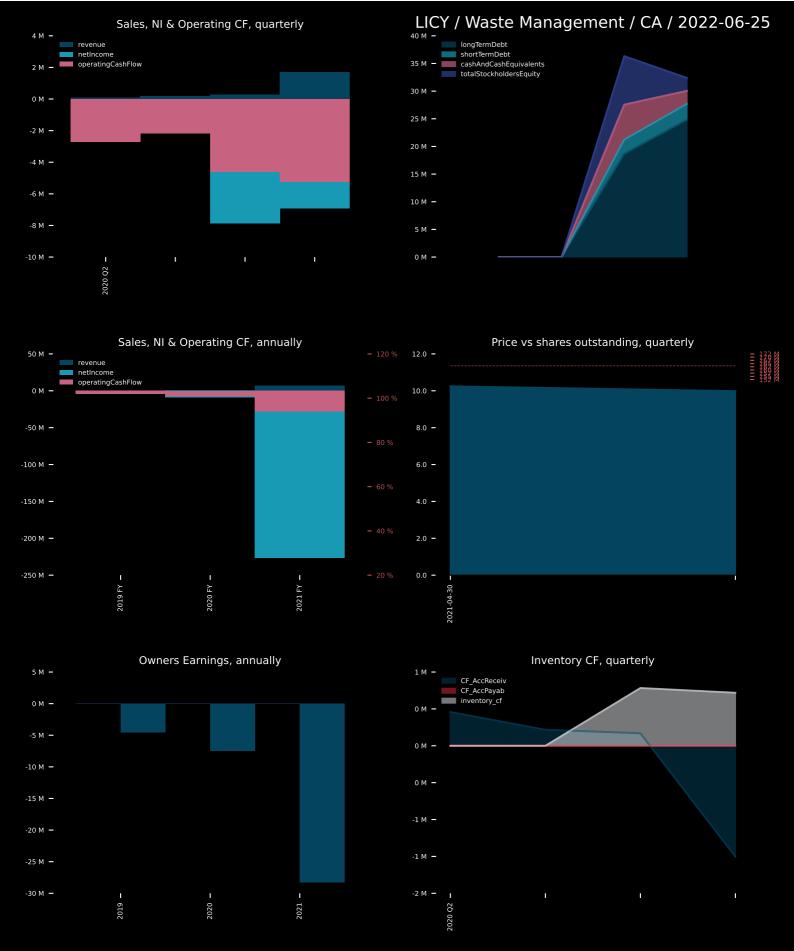
Aqua Metals, Inc. engages in the recycling of lead primarily in the United States. It produces and sells hard lead, lead compounds, and plastics. Aqua Metals, Inc. was incorporated in 2014 and is headquartered in Reno, Nevada.



Covanta Holding Corporation, through its subsidiaries, provides waste and energy services to municipal entities primarily in the United States and Canada. It owns and operates infrastructure for the conversion of waste to energy, as well as engages in related waste transport and disposal, and other renewable energy production businesses. The company disposes waste and generates electricity and/or steam; sells metal recovered during the energy-from-waste (EfW) process; and offers waste management solutions, such as site clean-up, wastewater treatment, pharmaceutical and healthcare solutions, reverse distribution, transportation and logistics, recycling, and depackaging. As of December 31, 2019, it owned and operated 41 EfW operations, 14 transfer stations, 20 material processing facilities, four landfills, two wood waste operate projects, one regional metals recycling facility, and one ask



Perma-Fix Environmental Services, Inc., through its subsidiaries, operates as an environmental and technology know-how company in the United States. It operates in three segments: Treatment, Services, and Medical. The Treatment segment offers nuclear, low-level radioactive, mixed waste, hazardous and non-hazardous waste treatment, and processing and disposal services through treatment and storage facilities. This segment is also involved in the research and development activities to identify, develop, and implement waste processing techniques for problematic waste streams. The Services segment provides technical services, including professional radiological measurement and site survey of government and commercial installations; integrated occupational safety and health services; and consulting, engineering, project and waste management, environmental, decentamination and decommissioning (DSD)



Li-Cycle Holdings Corp. engages in the lithium-ion battery resource recovery and lithium-ion battery recycling business in North America. The company offers a mix of cathode and anode battery materials, including lithium, nickel, and cobalt, as well as graphite, copper, and aluminum; and copper and aluminum metals. It also provides lithium carbonate, cobalt sulphate, nickel sulphate, and manganese carbonate. The company is headquartered in Toronto, Ontario.



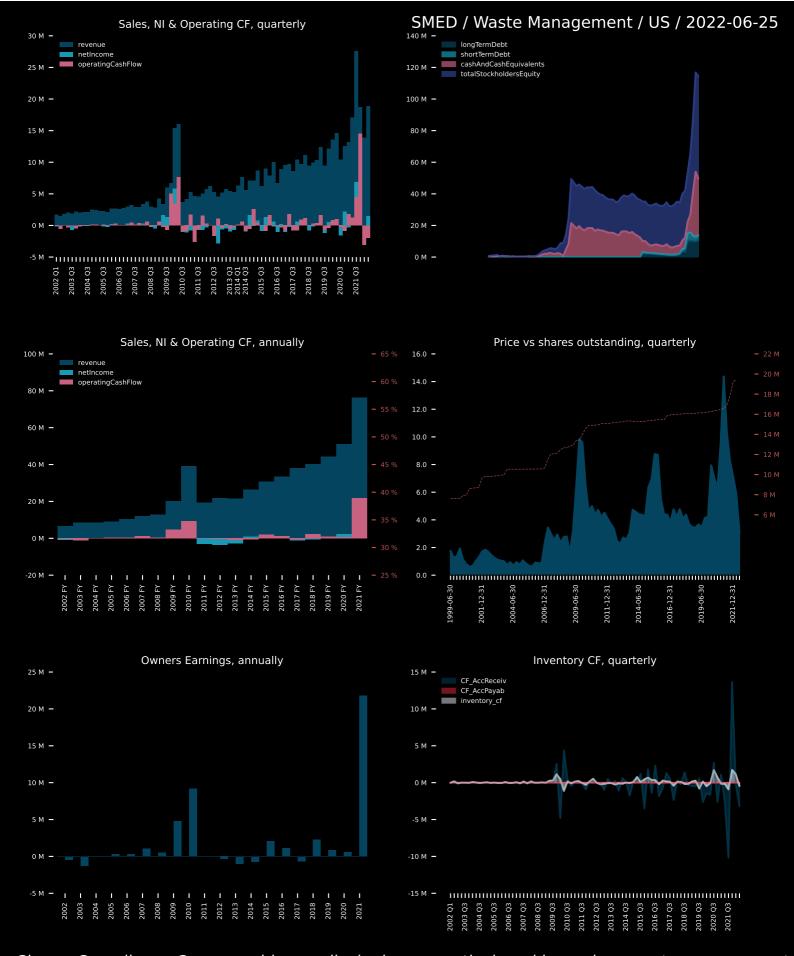
OriginClear, Inc. provides water treatment solutions worldwide. It licenses its Electro Water Separation water cleanup technology that utilizes a catalytic process to concentrate and eliminate suspended solids in commercial and industrial wastewater; and Advanced Oxidation technology for reducing or eliminating dissolved organic microtoxins. The company also designs and manufactures a line of water treatment systems for municipal, industrial, and pure water applications. In addition, it offers a range of services, including maintenance contracts, retrofits, and replacement assistance; and rents equipment through contracts of varying duration, as well as provides prefabricated water transport and treatment products. The company was formerly known as OriginOil, Inc. and changed its name to OriginClear, Inc. in April 2015. OriginClear, Inc.



GFL Environmental Inc. operates as a diversified environmental services company in Canada and the United States. The company offers non-hazardous solid waste management, infrastructure and soil remediation, and liquid waste management services. Its solid waste management business line includes the collection, transportation, transfer, recycling, and disposal of non-hazardous solid waste for municipal, residential, and commercial and industrial customers. The company's infrastructure and soil remediation business line provides remediation of contaminated soils, as well as complementary services, including civil, demolition, and excavation and shoring services. Its liquid waste management business collects, manages, transports, processes, and disposes of a range of industrial and commercial liquid wastes, as well as resolls liquid waste products. The company was incorporated in 2007



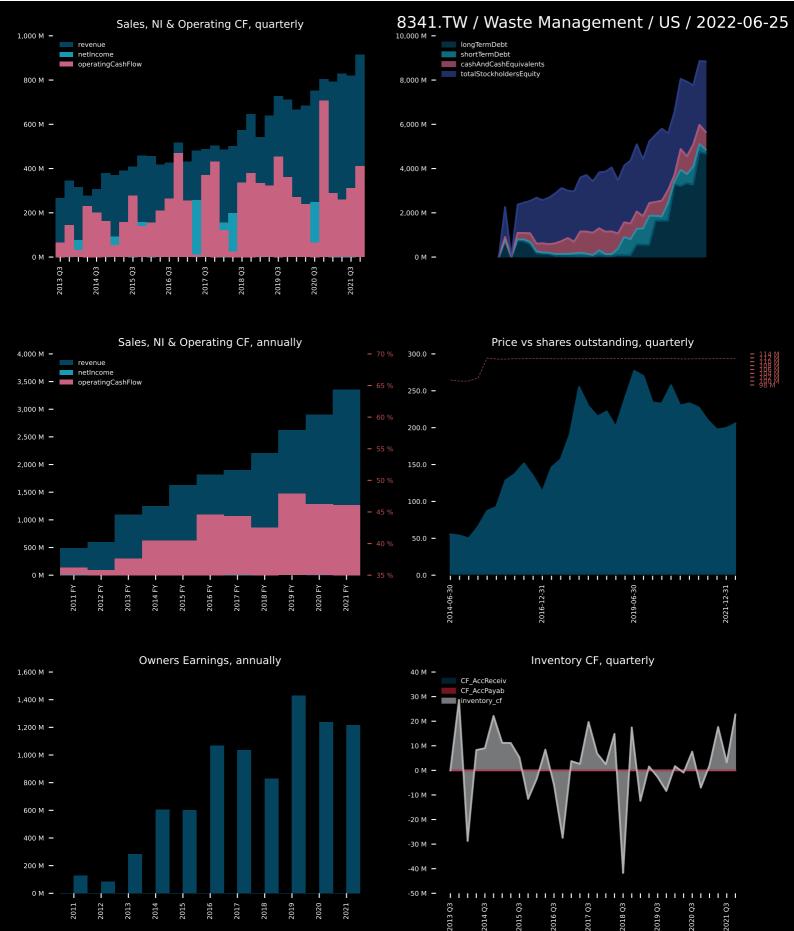
Waste Management, Inc., through its subsidiaries, provides waste management environmental services to residential, commercial, industrial, and municipal customers in North America. It offers collection services, including picking up and transporting waste and recyclable materials from where it was generated to a transfer station, material recovery facility (MRF), or disposal site; and owns, develops, and operates landfill gas-to-energy facilities in the United States, as well as owns and operates transfer stations. As of December 31, 2021, the company owned or operated 255 solid waste landfills; 5 secure hazardous waste landfills; 96 MRFs; and 340 transfer stations. It also provides materials processing and commodities recycling services; recycling brokerage services, such as managing the marketing of recyclable materials for third parties; and other strategic business solutions. In addition, the company offers construction and



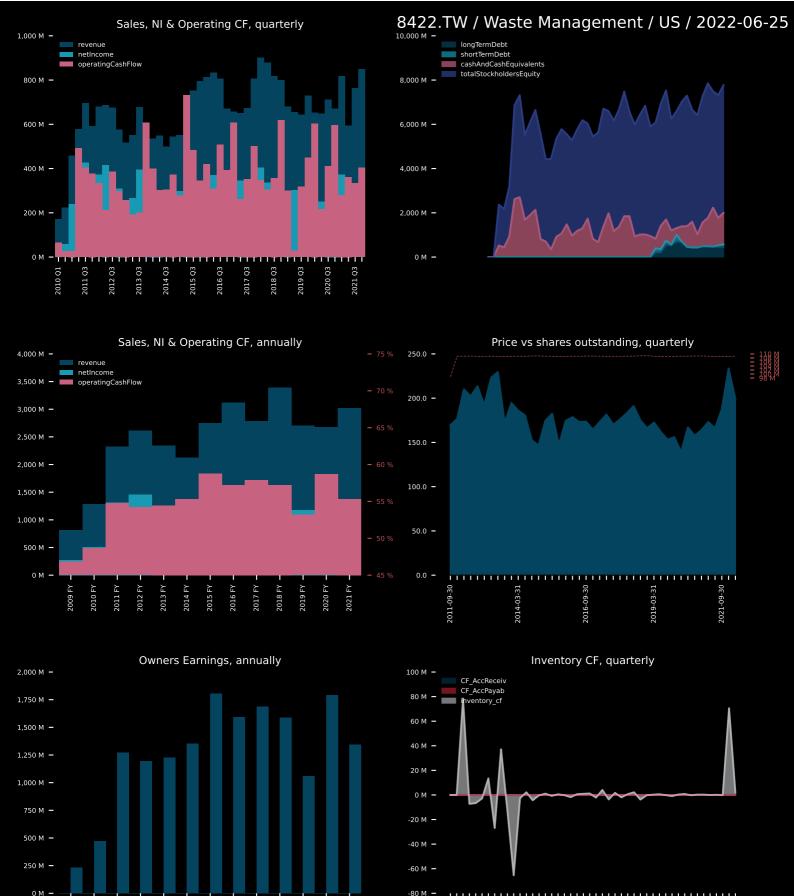
Sharps Compliance Corp. provides medical, pharmaceutical, and hazardous waste management services in the United States. It offers Sharps Recovery System for the containment, transportation, treatment, and tracking of medical waste generated outside the hospital and health care facility settings; TakeAway Recovery System to treat used needles, syringes, and other used healthcare products; Route-Based Pickup Service, a medical and hazardous waste pick-up services; and MedSafe, a solution for the safe collection, transportation, and disposal of unwanted and expired ultimate-user medications. The company also provides TakeAway Medication Recovery System that facilitates the proper disposal of unused medications; Black Pail Program for Rx, a solution with minimal segregation for the disposal of various



Taiwan Steel Union Co., Ltd manufactures and trades in non-ferrous metals, such as zinc oxide and non-metallic mineral products in Taiwan. It also engages in the disposal, treatment, reuse, and sale of general industrial waste and hazardous industrial waste. The company was founded in 1984 and is based in Changhua County, Taiwan.



Sunny Friend Environmental Technology Co., Ltd. engages in the medical waste incineration business in Taiwan and China. The company is involved in the collection, incineration, solidification, physicochemical, transportation, landfill, and treatment of hazardous, general business, and bio-medical wastes. It also manufactures and sells pollution control equipment. In addition, the company engages in the installation engineering for waste cleaning activities; environmental engineering consulting activities; and environmental protection engineering construction activities. Further, it is involved in the waste treatment, waste removal, material recovery, resource recycling, environmental testing and sanitation activities; and design and manufacture, test set-up, and operation of equipment. The company was formerly known as



Cleanaway Company Limited operates as an intermediate treatment solidification company within the waste disposal process in Taiwan. It offers waste solidification and excavation, waste landfill, and waste clearing services. The company is also involved in waste disposal, waste clean-up, waste management, general investment, and enterprise management consultation activities. Its principal customers include those in the steel and iron, electronics, optoelectronics, petrochemicals, electroplating, leather processing, metal processing, and tenders of other public and private enterprises. The company was formerly known as Cleanaway Kang Lien Co Ltd. and changed its name to Cleanaway Company Limited in May 2009. Cleanaway Company Limited was founded in 1999 and is headquartered in Kaohsiung City,

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VA Tech Wabag Limited, together with its subsidiaries, engages in the design, supply, installation, construction, and operational management of drinking water, waste and industrial water treatment, and desalination plants in India and internationally. The company offers sewage treatment, drinking water treatment, effluent treatment, water reuse, desalination, wastewater treatment, water reclamation, and sludge treatment services for municipal and industrial users; engineering, procurement, and construction services, as well as operation and maintenance services; and financing, construction, and operation solutions for water and wastewater projects. It serves oil and gas, power plants, steel, fertilizer, food and beverage, industrial park, and other industries. The company was formerly known as Balcke Durr and Wabag Tochnologies Limited and changed its name to VA Toch Wabag Limited in April 2000, VA



Biffa plc provides waste management services in the United Kingdom. The company operates in two segments, Collections and Resources & Energy. It is involved in the collection, recycling, treatment, processing, and disposal of waste, and production of energy. The company offers general waste collection, dry mixed recycling, food waste collection, single stream recycling, hazardous waste collection and treatment, unplanned waste removal, skip hire, asbestos waste disposal, and bin cleaning services for businesses in sectors, including the construction, facilities management, hospitality and events, logistics waste solutions, manufacturing and production, public, retail waste management, and utilities. It also provides household waste service, such as recycling collections, refuse collection, street cleansing, food collection, bulk

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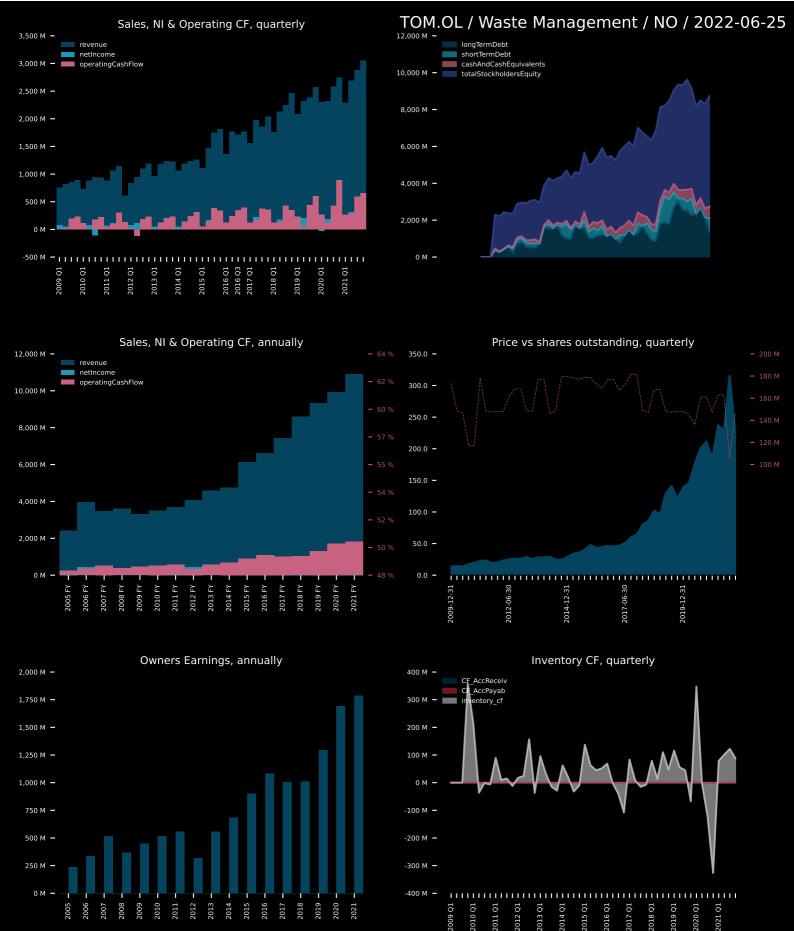
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Tomra Systems ASA provides sensor-based solutions for optimal resource productivity worldwide. It operates through three divisions: Collection, Recycling Mining, and Food. The Collection division engages in the development, production, sale, and service of reverse vending machines and related data management systems. This segment is also involved in picking up, transporting, and processing empty beverage containers on behalf of beverage producers/fillers. The Recycling Mining division offers sorting systems for waste and metal material streams; and ore sorting systems for the mining industry. The Food Solutions division provides post-harvest grading and sorting solutions for fresh produce; and sorting and processing technology for the processed food industries. The company was founded in 1972 and is beadquartered in Asker Norway.



Renewi plc provides waste-to-product services in the United Kingdom, the Netherlands, Belgium, France, Germany, Hungary, Portugal, Canada, and Luxembourg. The company operates through Commercial Waste, MIneralz & Water, and Specialities segments. It is involved in the collection and treatment of commercial waste; industrial cleaning and treatment of hazardous waste; and operation of waste management facilities under long-term municipal contracts. The company also produces materials from waste streams, such as glass bottles, discarded electrical and electronic equipment, food waste, source separated organics, minerals, and incinerators' bottom ashes. In addition, it provides clean water and soil, and inert ash. Renewi plc serves factories, offices, hospitals, retail, shops, and restaurants; heavy industry, potrochomical sites, oil and gas production, and the food industry; and building and