RFI Category - Research, Education, and Art		
Entity	**Type of Operation**	**Response Overview**
ETIC Encina Technology Innovation Center Stoughton, WI (1 of 2)	Pilot-scale chemical plastic recycling	Encina is looking to pursue a Technology & Innovation Center in the Madison, WI area. The Encina Technology & Innovation Center (ETIC) is planned to include a pilot scale catalytic pyrolysis unit to chemically recycle waste plastics back into liquid chemicals. ETIC would also house additional lab-scale research equipment to further support Encina's research & development goals.
Heartwood Tree Company (2 of 2) Madison, WI	Educational Landscaping on Campus	The Sustainability Campus landscape could demonstrate to visitors, tenants, and staff, the benefits of ecosystem services, ranging in scale from a campus, to a Surburban lot, or even a small corner of an urban yard. Every step in developing a sustainable Campus landscape, from initial site condition assessment, to design, and planting, through ongoing maintenance, will enhance the Campus, and provide educational opportunities.
Illinois Sustainable Technology Center, University of Illinois Champaign, IL	Community Waste Audits	The Zero Waste program at the Illinois Sustainable Technology Center (ISTC), part of the Prairie Research Institute at the University of Illinois Urbana-Champaign, proposes quarterly or semi-annual waste audit events. ISTC (with assistance from the county) would bring in schools, municipalities, businesses, institutions, etc. and allow them to participate in a waste audit and develop strategies to reduce waste generation and divert materials from the landfill in their day-to-day operations. Depending on what type of entities end up partnering with the county sustainability campus, waste audits could be designed to pull out specific materials for research, recycling, etc. and incorporate waste from the campus or from the entity itself.
Lets Go Compost Scottsdale, AZ	K-12 Compost/sustainability education	Let's Go Compost is a 501(c)(3) nonprofit organization dedicated to advancing composting education and waste diversion in K-12 public schools. Our programs provide hands-on learning experiences, curriculum-aligned resources, and infrastructure guidance to help schools implement composting initiatives. We support schools in reducing food waste, improving environmental literacy, and connecting students to broader sustainability efforts through strategic partnerships and community-driven solutions. We are seeking to connect formally to the Sustainability Campus so as to guide Wisconsin educators and students to the site.
Material Driven Dallas, TX	Makerspace, learning hub, research-to-retail store	MaterialDriven's vision is to create a '*Materials and Sustainability'* (MAS) building within the Sustainability Campus, we envision it holding the following activities: • The Material-Maker-Space • The Learning Hub:

		• Exhibit Gallery and Materials Library • The *Research to Retail* Store
MURF App (no website) Bloomingdale, IL	Recycling supply chain educational app	Developing a platform designed to foster effective recycling behaviors among residents. The platform features a user-friendly design, intelligent data collection, localized guidance and education, and the promotion of local recycling businesses. It will be available for download from any app store and free for residents of participating counties or municipalities. MURF consolidates all waste-related services into a single app, offering an integrated experience where residents can easily connect with their local waste hauler and access available infrastructure and services, ensuring that no item ends up in the landfill unnecessarily.
Rego Philadelphia, PA	AI-enabled waste data audits	Rego helps collect waste management data through an interactive photo process that can be completed using your cell-phone. Rather than needing to do comprehensive waste audits, you can simply open Rego, take a photo of any waste or container, and get your waste data.
Sector67 Madison, WI	Building material reuse, makerspace management	Sector67 is a community workspace/hackerspace on the east side of Madison, WI that's provided access to tools, equipment, and resources for area residents since 2010. We could be a potential partner in creating unique artwork highlighting reuse of salvaged and reclaimed material as well as creating/structuring/managing a makerspace environment on-site.
Sustain Dane Madison, WI	Outreach and educational programs	Sustain Dane is interested in running sustainability educational outreach programs at the Sustainability Campus. We are a leading community-based, environmental non-profit in Dane County, providing programs and partnerships at the intersection of environmental health, social wellbeing and equity for 25 years. Our mission is to inspire, connect, and support people to accelerate equity and sustainable actions for community well-being. Sustain Dane programs help participants learn, connect and take action for sustainability.
Majumder Lab, Tinjum Lab – University of Wisconsin Madison, WI	Applied landfill research, education	These proposed activities are from a collaboration of two research laboratories at the University of Wisconsin-Madison, the labs of Erica Majumder and James Tinjum. Includes installation of heat, gas, and microbial monitoring equipment to design targeted intervention strategies to address costly issues in landfill operation.

RFI Category - Reuse, Retail, and Upcycling Services		
Entity, Location	**Type of Operation**	**Response Overview**
Re-Use Consulting, Bellingham, WA	Building material reuse ecosystem	We are essentially a circular business cooperative where 10 or 12 circular businesses are co-located to target an area's waste stream. There is no known limit to the number of businesses that can participate, and no limit to the number of material types that can be addressed.
Log Gone It LLC Fitchburg, WI	Green wood waste grinding	Log Gone It llc currently collects green yard waste, chips, logs, brush and grinds it into sellable mulch and compost. We screen and color mulch using a trommel.
Heartwood Projects (1 of 2) Madison, WI	Tree and wood reuse	Heartwood Projects salvages logs from urban tree removals and aims to put them to their highest use. Unlike wood products made from trees that were harvested only for their timber value, the products we produce are made from trees that would otherwise be chipped into mulch, or burned as firewood.

RFI Category - Problem Materials, Bulky Waste, and Emerging Materials Management		
Entity	**Type of Operation**	**Response Overview**
7 Rivers Recycling Onalaska, WI	Mattress recycling	7RR has seen a growing demand for mattress recycling specifically from Eastern WI & Northern IL, however, with the only 7RR location located in Western WI, this deters growth from such locations due to the cost of transportation. With Dane County being almost smack-dab in the middle of 7RR's visioned market, this would make recycling of material much more accessible & affordable.
Bikes For Kids Wisconsin Madison, WI	Bicycle repair and redistribution	As part of the Sustainability Campus, we would serve as a designated drop site for disposed bikes, many of which are abandoned at apartments, schools, or left in waste streams despite being in good to like-new condition. We lack the capacity to retrieve bikes ourselves due to transportation and labor costs. By integrating into the campus, we would create an efficient, sustainable solution that reduces landfill waste, provides affordable transportation, and ensures that valuable materials remain in use rather than discarded.
ETIC Encina Technology Innovation Center The Woodlands, TX (2 of 2)	Waste agreement for waste plastics for pilot-scale catalytic pyrolysis	This RFI response is focused on developing a partnership between Encina and Dane County on supplying certain materials to a future Encina Technology & Innovation Center (ETIC). We are planning to create ETIC somewhere in the Madison, WI area. ETIC will house a pilot-scale catalytic pyrolysis unit to perform further research and testing in support of commercialization of our technology. ETIC could be housed at the Sustainability Campus (as proposed in our RFI response in the Research category) or it could be housed at another location in the Madison, WI area.
Green Box Compost Sun Prairie, WI	aerated static pile composting system for composting food scraps	Our proposed system and approach is an aerated static pile composting system for composting food scraps. We would need a 5 acre site. Our goal is to compost 100 tons of food scraps and 75-100 tons of wood chips per week, or 8,000 tons per year. Our operation would target the "Food Scraps (Not Traditionally Edible)", "Waste Food", and "Other Organic Material" fractions of the Organics fraction which together make up 22.2% of the "Dane County Overall Waste Composition."
ReCapturit, Inc Wenatchee, WA	Building material reuse ecosystem	A collaborative initiative that transforms discarded building materials into valuable resources to be distributed through a network of industry-leading partners. By integrating this initiative into the Sustainability Campus, Dane County can establish a scalable, profitable model that extends the life cycle of would-be-wasted building materials while reinforcing its leadership in circular economy practices.

Reynolds URI Madison, WI	Collection of hard-to-recycle materials	Our business model revolves around collection and densification of niche materials to create truckload-quantities of clean, useable scrap. This typically involves balers, shredders, or specialized melting equipment, and applies to what could generally be referred to as "foam". Collection is achieved utilizing semi trailers or covered buildings, etc. to keep materials dry. This is a commercially proven approach that can be applied onsite at the Sustainability Campus or at large customer locations.
Rice Lake Weighing Systems Rice Lake, WI	Weigh-in-motion truck scale	Rice Lake Weighing Systems' weigh-in-motion truck scale is designed to improve throughput at high-volume facilities by maintaining a steady flow of traffic. This system shortens truck idle time, eliminating lines of trucks waiting to be weighed, and cuts emissions.
Ugly Apple Madison, WI	Food waste upcycling	Ugly Apple would act as an intermediary to determine what food is usable and get it to the groups who can process it, such as the Community Action Coalition and smaller networks such as Healthy Food for All. Ugly Apple locations can be one of these destinations as well. This proposed intermediary would be a new branch of the Ugly Apple business and could be incorporated as a non-profit arm to assist in reclaiming the food that has been brought to the campus.
Urban Machine Oakland, CA	AI-enabled lumber reprocessing	Urban Machines' automated lumber cleaning process would enable the campus to recycle lumber for reuse. With AI-driven metal removal capabilities, they can improve recycling rates, ensure lumber is reused instead of down cycled and sell the lumber at a higher value than wood chips.

RFI Category - Large-Scale Waste Diversion, Processing, and Recycling Services

Entity	Type of Operation	Response Overview
Advetec Davie, FL	Waste conversion	Our technology is a commercially proven waste reduction system that processes the waste after collection but before landfill or diversion. The mixed residual waste is brought to the campus and processed through our technology which is proven to reduce the waste by 50% mass, 70% volume. The offtake, which we call floc, is a dry and inert product with zero methane emissions, even after it is landfilled. At the end of the process, the Floc, can be landfilled (at a great reduction to what would have been landfilled) with zero methane emissions.
AMP Louisville, CO	Mixed waste processing, biochar	AMP seeks to separate and isolate the operational challenges and risks associated with MSW from commodity sorting where possible. To do so, we would expect to deploy one 50 tons-per-hour infeed system, which would allow for processing Dane County's 200,000 Tons Per Year ("TPY"). These MSW-processing systems remove non-recoverable residue and extract ferrous materials, resulting in a blend of mixed recyclables for downstream separation.
Brightmark San Francisco, CA	Mixed waste processing, anaerobic digestion	Brightmark proposes to Develop, Construct & Operate a full-scale Material Recovery Facility equipped with cutting-edge sorting technologies and scalable design principles that will increase diversion of MSW from landfill and recover valuable outputs such as recyclables and create energy using RNG from digestion of organics. The process is engineered to divert the entire Municipal Solid Waste (MSW) stream from landfills, significantly reducing environmental impact while recovering valuable materials for reuse and renewable energy production
Carbotura Naples, FL	Molecular recycling of MSW	Carbotura's Regenesis technology can process a wide variety of municipal solid waste streams through its proprietary molecular recycling process. The technology is designed to handle mixed and contaminated waste streams that traditional recycling methods cannot process. Process produces graphite, graphene, rare earth metals, and other valuable outputs.
Ekosfera (no website) Waukesha, WI	Biochar	Our process has involved diverting large quantities of woodchips into an industrial pyrolysis unit to create biochar for agricultural uses and stormwater/wastewater treatment solutions, as soil and filter amendments. In addition, wee work with microbial inoculants, nano-bubbles, and biopolymers for advanced stormwater, water treatment and farming solutions. Our process is commercially proven
Envision Waste Services Cleveland, OH	Mixed Waste Processing and business network	A Mixed Waste Processing Facility is designed to sort/process that waste to remove the materials required by our team's offtake manufacturing companies, who in turn transform the recovered materials into high value finished products such as carbon fiber and composite, SAF, Methanol, Pyrol-Oil, metals, and more. Together, we have the capability to divert and

		repurpose nearly 90% of the solid waste received, while simultaneously capturing and sequestering carbon emissions.
Generate Upcycle New York, NY	Anaerobic Digestion	Generate Upcycle (Upcycle) develops, owns, and operates waste-to-value infrastructure across three core segments: food waste, compost, and wastewater. Focused on reducing costs and the environmental impact of organic waste management, we provide solutions for municipal, industrial, commercial, and agricultural customers. We propose integrating an anaerobic digestion (AD) facility for food waste processing to generate renewable natural gas (RNG).
Global NRG Advisory LLC New York, NY	Anaerobic Digestion	Econward's BIOMAK is an advanced organic waste pre-treatment technology designed to optimize the recovery and valorization of the organic fraction of municipal solid waste (OFMSW). BIOMAK uses thermal hydrolysis to break down organic material, enabling over 90% organic capture from MSW. The process will produce a clean, decontaminated organic fraction that, when coupled with anaerobic digestion, will significantly enhance biogas yields.
Green Era Sustainability Chicago, IL	Anaerobic Digestion	The digester has the ability to take a variety of organics that include packaging, rather than just the food waste itself. The grinder/separator extracts all packaging before the organic waste is introduced to a feeder tank. We believe that replicating an organics anaerobic digester at the Dane County Sustainability Campus provides great opportunity to properly manage organic waste while increasing the collaboration with Dane County and the broader Community.
Juno, LLC (branch of Georgia-Pacific) Atlanta, GA	Mixed waste processing, anaerobic digestion	Juno's commercially proven technology processes unsorted residential and commercial municipal solid waste (MSW). The technology can process, recycle, and divert up to 90% of MSW that is processed through a Juno facility. Recyclables include fiber, metals, plastics, and organic materials that can be converted into biogas via anaerobic digestion. Of the up to 90% of waste that Juno processes that is diverted from landfills or incineration, approximately 50-60% of that can be recycled or recovered. Finally, Juno is a proven technology that recycles and diverts up to 90% of the paper fiber that is in the MSW streams that it processes, allowing that paper fiber to be reused in paper products in the economy.
MakeSoil Tacoma, WA	Online composting platform	MakeSoil is a decentralized composting platform that leverages technology to create and manage community-driven Soil Sites, facilitating organic waste diversion at a local level. The platform connects individuals, institutions, and municipalities to host and participate in composting, reducing landfill dependence, lowering methane emissions, and fostering soil regeneration.
Renera, Inc. Seattle, WA	Salvaged lumber reprocessing	The Renera salvage lumber warehouse would be the only local or regional salvage lumber operation that profitably accepts/collects, processes, grades, inventories, and distributes

		salvaged lumber while providing true value to: Suppliers, Retailers, and End-Users.
SoMax BioEnergy Spring City, PA	Hydrothermal Carbonization of organics	SoMax offers a technology called Hydrothermal Carbonization, or HTC for short. HTC is a wet thermal process that converts organic waste into a carbon dense solid, known as Hydrochar, and a nutrient rich process water. HTC also offers higher carbon conversion than any other organic waste process. Where the industry standard, anaerobic digestion, has a carbon efficiency of ~50%, HTC has a carbon efficiency of 80-90%, meaning that percentage of carbon is available in the final products.
Sustainable Generation St. Petersburg, FL	Advanced composting	Composting all or a portion of the organics waste stream including Source Separated Organics (SSO), Food Waste, Yard Waste, Digestate from anaerobic digesters, Biosolids, Agriculture Waste, Organic Fines from dirty MRF process, and any other difficult organic waste streams including MSW. For this project, SG will propose the SG BUNKER® System using GORE® Cover which is an Advanced Composting™ technology solution using a membrane laminated technology covered aerated static pile with pressurized positive aeration that deliver in-vessel performance.
Upcycled Waste Jonesboro, AR	Gasification, pyrolysis, refuse derived fuel	First, we have the ability with our 3-stage gasifier to accept all MSW, C&D, waste tires, creosote poles and/or rail ties, HHW (including med waste) and either use or eliminate via pyrolysis all of it. But, running wastes containing 0 BtU/# through the gasification system could produce syngas inefficiency, therefore affect offtake quantity. Therefore, we start out with 83.1% of the waste either gasified or metal that is recycled.
Vanguard Renewables Weston, NY	Anaerobic Digestion	Vanguard Renewables is the leader in turning food waste into renewable energy through co-digestion. Organic matter is sent into our Anaerobic Digester and combined with dairy manure to facilitate the digestion process. After a 30 day period, the methane is captured, cleaned and injected into the pipeline for sale on the open market. The solids are pressed and sent to the dairy farm to be used as animal bedding for the cows. The remaining liquid portion, approximately 25M gallons per year, is given to the dairy farmer to be used as a fertilizer for the crops to help offset the need for purchasing commercial grade fertilizers. Our system is fully integrated and does not require any discharge back into a WWTP or other outlet.
WastAway Morrison, TN	Mixed waste processing, proprietary material	WastAway is a leading green tech company that converts municipal solid waste (MSW) to fuel. Our commercially proven, proprietary technology-based garbage processing plants convert 85% of all inflowing solid waste into recycled raw materials and biofuels, presenting a cost effective, long-term solution to landfilling.

WM of Wisconsin Germantown, WI	Wide-ranging menu of waste diversion capabilities	WM is building new and upgrading existing recycling facilities with state-of-the-art technology to increase separation and material recovery, expanding access to recycling and organics services for more communities, developing opportunities for hard-to-recycle materials, and helping communities meet increased consumer demand for recycled content driven by sustainability goals and regulatory changes. With WM's expertise and commitment to innovation, we are well-equipped to support and contribute to Dane County's waste management goals by implementing tailored processes and systems to effectively manage various waste streams and support sustainable practices.
Tdigg (no website) La Crosse, WI	Pyrolysis and gas-to-liquids based waste-to-energy facility	Tdigg has developed proprietary waste-to-energy technology. We are a CompRex and BgtL spinoff in the process of forming a collaboration with Kwik Trip and Dane County Sustainability Campus. Our primary focus is transforming organic solid waste into renewable energy and valuable bio-products as well as carbon credits and RNG benefits. Tdigg's technology also permanently destroys the dangerous PFAS forever chemicals. We transform waste disposal spending streams into revenue streams!
Stircor Services Nashville, TN	Thermal treatment and pyrolysis for Biosolids and biomass	Stircor Services proposes a biosolids and biomass processing system that combines thermal treatment and pyrolysis. This technology converts biosolids and biomass waste into biochar, remediates PFAS contamination through thermal degradation, and captures energy as a byproduct.