**Technical Assistance for Assessment of Turkey’s Potential on Transition to Circular Economy**

**Activity 1.2.2. Circular Economy Workshops**

***Confirmed companies to participate in B2B meetings***

**AUSTRIA**

1. **Seda International**

SEDA-Umwelttechnik GmbH is a ISO9001 certified company that is specialized in developing, manufacturing and selling End-of-Life Vehicle de-pollution technology, stations and specialized tools and equipment for the car recycling industry.

As an international company SEDA´s manufacturing and administrative headquarters are located in Tyrol, Austria. With 25 employees and an excellent distribution-network, SEDA-Umwelttechnik GmbH is a successful mid-size company.

<https://www.seda-international.com/tr/>

1. **Alpla Plastics**

Alpla is a world leader in the development and production of innovative plastic packaging solutions. Company produces innovative packaging systems, bottles, caps and injection-moulded parts for a wide range of industries. With more than 25 years of experience in recycling and its own PET and HDPE recycling plants in Austria, Poland, and Spain, and in the form of joint ventures in Mexico and Germany, company plays its part in ensuring that plastics remain in the materials cycle. 22,100 employees work across 45 countries in 177 production plants to produce high-quality plastic packaging for brands in the food, beverage, pharmaceutical, oil and lubricant, home, and beauty care industries.

<https://www.alpla.com/en>

1. **Hamburger Recycling**

Founded in 1853, Hamburger Recycling operates with 9,800 employees in 16 countries, and a European market leader in the packaging, paper, and recycling industry. The company recovers valuable raw materials and optimize the value chain for its customers. With the core competence in collection, treatment, trade and transport, the company closes the loop between paper production (Hamburger Containerboard) and packaging production (Dunapack Packaging) in the group. Ongoing investments in collection, separation and treatment of recycling materials ensure the supply of our own plants and external industries with high quality secondary raw materials and commodities. Hamburger Recycling focuses on new projects (green field) as well as acquisition and integration of existing companies (brown field) into its divisional structures. The expansion of disposal services for retail and wholesale trade, industry and communities is its main aspiration.

<https://www.hamburger-recycling.com/>

1. **Worthington Cylinders**

Worthington Industries’ Sustainable Energy Solutions (SES) offers on-board fuelling systems and services, as well as gas containment solutions and services for the storage, transport and distribution of industrial gases, supporting the growing hydrogen ecosystem and adjacent sustainable energies like compressed natural gas.

Worthington’s European holdings extend beyond SES, supplying sectors such as medical, food + beverage, SCBA, welding + cutting, building products, outdoor living, and much more. Behind the scene everywhere, low- and high-pressure steel and composite cylinders and the components that regulate the way gas flows are other areas of works. Company in Austria, Germany, Poland and Portugal works with customers to design gas-packaging solutions that power their businesses all over the globe.

<https://www.worthingtonindustries.eu/company/>

1. **Solid**

Company has more than 25 years of experience in solar thermal systems and more than 300 installed systems worldwide. SOLID Solar Energy Systems (SOLID SES) is a system engineering company that provides customer-centred turnkey and Energy Service Contract solutions for Planning and Operation of large-scale solar thermal energy systems.

Solid brings together extraordinary knowledge, experience in market application and R&D in areas of planning and operation of large-scale solar thermal energy systems and solar thermal technologies (collectors, long term storages and heat pumps) to the benefit of the customers.

Multiple references for solar heat in industrial processes, solar air conditioning systems and integration into district heating systems were accomplished worldwide. Each of the 300 reference systems enables energy and costs savings for the customers: through the best technological solution, realized with appropriate business model, planned and operated at top quality. As a system integrator for large-scale solar thermal energy systems, SOLID conveys customer`s needs into real-life success stories and remains its committed partner over decades.

<https://www.solid.at/en/>

**FINLAND**

1. **Lamor**

Lamor offers integrated hazardous and non-hazardous waste management solutions to a wide range of oil and gas and other industry customers. Company develops tailor-made long-term and sustainable waste collection, resource recovery and recycling solutions.

A variety of solutions is applied to the reduction, reuse, classification, recycling and transportation of non-hazardous and hazardous waste, resulting in economical solutions that meet exacting local, national and international standards in order to mitigate environmental impacts and to optimize waste as a resource.

Industries served include: upstream oil & gas; downstream petrochemicals & refining; manufacturing & production; utilities and; public sector, covering:

* Hazardous waste management
* Non-hazardous waste management
* Waste treatment & disposal
* Waste management consulting, planning & training services
* MARPOL compliant port waste reception facilities
* Waste material recovery and recycling
* Provision of total waste management

<https://www.lamor.com/>

1. **Griffin Refineries**

Griffin is a Finnish circular economy company with the objective of producing value from waste by innovative waste management solutions. By treating organic waste, recycling plastic and transforming waste into more environmentally friendly fuel, it helps companies benefit financially and also act responsibility.

The Plastics Recycling Ecosystem platform hosted by Griffin offers an exceptional opportunity for companies in all stages of the plastic waste value chain to come together to learn from each and create new business opportunities.

Together with a wide partner network, 3 business units (Fuel from Waste, Plastics Recycling and Organic Circularity) have extensive expertise of many aspects of waste handling solutions.

<https://griffinrefineries.com/>

1. **Upm**

UPM is well positioned to respond to global megatrends and growing demand for renewable products. It enables the customers and consumers to make more sustainable choices. UPM Biochemicals takes the production of wood-based renewable biochemicals from idea to reality. The UPM bio-refinery, which is currently under construction in Leuna, will be producing bio-based glycols, renewable functional fillers, lignin, and industrial sugars and is planned to ramp as of the end of 2022. UPM will use wood to the molecular level and produce sustainable chemicals used in products of our everyday lives. This new business will support the transformation of UPM as it will drive the transformation of our society towards a more sustainable lifestyle - true to UPM’s vision to innovate for a Future Beyond Fossils.

The firm has been named a finalist in the 2022 Sustainability Awards by the Business Intelligence Group. UPM has been recognised for its new generation of biochemicals sourced from sustainably and responsibly managed forests. This product will enable brands to redefine their net zero targets and switch out of fossil-based chemical feedstocks for good.

<https://www.upm.com/>

1. **Lindström**

Lindström is a textile service company focused on making our customers’ lives easier in Europe and in Asia. With 175 years of experience in the textile industry, the company offers a wide variability of services ranging from workwear, mats, restaurants and hotel textiles to industrial wipers, cleanroom and washroom services.

Lindström focuses on making our customers’ lives easier by supporting them to shine and their businesses to grow. Our easy-to-use textile services are a cost-efficient and environmentally-friendly way of taking care of a company’s textile needs. Circular economy is woven into Lindström’s business via;

1. Designing for a long life

2. Manufacturing with commitment

3. Transportation with optimized moves

4. Used then reused again to make many workdays perfect

5. Maintenance to lengthen the life

6. Recycling the old to create the new

<https://lindstromgroup.com/>

1. **Peikko**

Peikko Group Corporation is a leading global supplier of slim floor structures, wind energy applications and connection technology for precast and cast-in-situ construction. Peikko’s innovative solutions offer a faster, safer, and more sustainable way to design and build. Precasters, builders, constructors, developers, flooring specialists, machine manufacturers, power plant designers, architects, and structural designers – can all enjoy and take advantage of Peikko’s solutions.

Peikko has been researching ways to develop a fully circular product portfolio for several years. Their tests have shown that columns with bolted column connections can safely be reused, even with current grouting systems.

Company is also taking part in pioneering circular building projects with concrete elements that can be assembled, disassembled and reassembled, while still maintaining their structural integrity and value. One good example of this is the Circle House project in Lisbjerg, near Aarhus in Denmark. This is Denmark’s first circular housing project and it involves a total of 60 housing units, which were designed from the beginning for disassembly and circularity.

<https://peikko.com/>

1. **Fortum**

Fortum is a Finnish state-owned energy company located in Espoo, Finland. In addition to Finland, it focuses on Germany and other countries in Central Europe, Great Britain, Russia and the Nordic region. Company is securing a fast and reliable transition to a carbon-neutral economy by providing customers and societies with clean energy and sustainable solutions. Fortum targets carbon neutrality in all operations by 2050 and their European generation already by 2035 at the latest. Fortum operates power plants, including co-generation plants, and generates and sells electricity and heat. The company also sells waste services such as recycling, reutilisation, final disposal solutions and soil remediation and environmental constructions services, and other energy-related services and products e.g. consultancy services for power plants and electric vehicle charging. In 2020, Fortum was the biggest company in Finland by its revenue. Areas of working are;

* Recycling & waste
* Power plant services
* Heating & cooling
* Fortum battery solutions
* Biobased Solutions
* Smart energy solutions
* Vehicle charging
* Consumer Solutions

**THE NETHERLANDS**

1. **Textiles2Textiles**

Textiles2Textiles is the world’s only organization to invent a way to reuse every fiber of used textile. Its innovative Fiber Farms produce homogeneous, clean and traceable Post Consumer Clippings. This is a huge step forward in making the category sustainable.

Textiles2Textiles is an ambitious organization based in Wormerveer, the Netherlands. It focuses on textile reuse in its ultimate form. Its aim is to deploy technological innovations in order to literally reuse every garment and fiber. This is what makes the company different. Its main product is PCC (Post Consumer Clippings). It is a unique solution that is used as feedstock for the textile manufacturing industry. Its Fiber Farms are the only producers in the world to process non-rewearable post-consumer textiles into valuable circular resources that are homogeneous, clean and traceable.

<https://textiles2textiles.com/>