#### **WASTE AS A RESOURCE**

- Bumble Bee Bags give reflective vests a second life
- <u>ECOPLAST FIBER JSC</u> recycles PET bottles into flakes and fibers
- Kunst vom Rand e.V. design various products, e.g. out of fire hoses, old books and can tabs
- LAVU collects and processes cooking oil which is used as bio-diesel
- New Seed upcycles used climbing gear and gives them a new life e.g. as chalkbags, belts or jewellery
- 110 2.0 UPCYCLING UNIFORM gives used police uniforms a second life as bags, backpacks or blankets
- <u>Rebeutel</u> manufactures reusable fruit and vegetable bags out of discarded curtains in social institutions
- Finlayson, Finlayson produces rag rugs from old sheets and towels from old jeans
- <u>InterFace</u>, InterFace is a flooring company that offers Carpets as a service and is on a mission to run their business in a way that is restorative to the planet and creates a climate fit for life
- <u>Kompotoi</u>, Kompotoi produces, sells and rents out wooden toilets and turns the "Human Output" into a soil conditioners
- <u>Leadax</u>, Leadax offers lead composed from a stream of waste that can be re-cycled
- <u>Schijvens</u>, Schijvens designes, manufactures, reuses and rents out corporate clothing for the retail, logistical, construction, industrial and facility services.
- Tarkett Restart, Tarkett Restart is a program to recycle and reuse carpets
- Aquafil , Aquafil produces fashion of ocean plastic
- Betolar, Betolar turns different industrial waste streams into low carbon construction materials
- <u>Cirplus</u>, Cirrplus runs a global marketplace for circular plastics
- <u>Ecolan</u>, Ecolan receives ash from power plants and directs it for use as a raw material either for tree fertilisers or earthwork products
- <u>Eko-Expert</u>, Eko-Expert is utilising surplus mineral wool and turns it into recycled mineral wool for insulation materials
- <u>Helsieni</u>, Helsieni grows oyster mushrooms on used coffee grounds
- <u>ICL Phosphate Recycling Unit</u>, ICL Fertilizers Europe replaces phosphate rock with recovered and recycled phosphates
- <u>Infinited Fiber</u>, Infinited Fiber harnesses recycled fibres for reuse and makes new raw materials for textile products from them
- <u>Kaffeeform</u>, Kaffeeform uses a sustainable material made from used coffee grounds and other renewable resources to produce coffee cups
- <u>Kekkilä</u>, Kekkilä manufactures compost fertiliser from organic waste
- <u>Kierrätyskeskus</u>, The Helsinki area recycling centre provides craft supplies made from surplus materials
- Lovia, Lovia manufactures luxury designer clothing & accessories from surplus materials
- Merijaan, Merijaan upcycles plastic waste in to new products
- <u>Netlet</u>, Netlet collects useful surplus materials from building sites free of charge and sells them
- <u>Pa-Ri Materia</u>, Pa-Ri Materia receives, refurbishes and sells large volumes of used office furniture
- <u>Pure Waste</u>, Pure Waste recycles waste from the textile industry into new material and garments
- Remake Ekodesign, Remake produces ranges of clothes of recycled materials
- Signify, Signify offers 3D printed luminaires based on recycled materials
- SOEX / I:CO, I:CO is a provider for collection, reuse and recycling of used clothing and shoes
- <u>Soilfood</u>, Soilfood extracts more value out of the side streams of industrial and agricultural processes by making recycled nutrients and soil improvers from them
- <u>St1</u>, St1 takes organic waste and residues from various industries and uses them to produce ethanol, which can be used as a petrol substitute
- Stuffstr, Stuffstr reduces waste by dramatically increasing the reuse of unused stuff
- <u>Suomen Savupiipputeollisuus</u>, Suomen Savupiipputeollisuus manufactures chimney bricks primarily out of locally created industrial by-products
- <u>Tracegrow</u>, Tracegrow makes organic fertilizer out of micronutrients extracted and purified from used alkaline batteries
- <u>Umicore</u>, Umicore provides recycling of Materials especially Metalls

- UpCircle, UpCircle creates Cosmetics from waste
- <u>UPM Raflatac</u>, UPM Raflatac's RafCycle service turns waste into raw material for paper and biocomposites
- Wear2go, Wear2go provides an alternative for the removal of end-of-life textiles
- <u>Wilco Design GmbH Flugzeugmöbel</u>, Flugzeugmoebel.de is a service by Wilco Design that turns aircraft parts into design furniture
- Wimao, Wimao manufactures biocomposite products from recycled materials
- Worn Again Technologies, Worn Again Technologies' separates, decontaminates and extract polyester polymers and cellulose and turns them back into new textile raw materials

## **REUSE & REPAIR - PRODUCT LIFE EXTENSION**

- <u>Jausnwrap</u>: Beeswax cloth food wraps as a natural alternative to plastic wrap and aluminium foil for food storage
- Recycle it has, besides an e-waste recycling plant, an online shop for refurbished second-hand electronics
- Refurbed is the online-marketplace for refurbished electronics that sells like-new products with at least one year of warranty and a sustainable footprint
- <u>Repair Café International</u> is the key driver behind the successful concept of Repair Cafés where things are repaired together; several hundreds of places exist in 33 countries, e.g. in Austria, Germany, Romania and Slovenia
- Reparatur- und Service-Zentrum R.U.S.Z is a social enterprise in Vienna and Graz for repairing, renting and selling (second hand) electric and electronic equipment
- <u>Rosenbauer</u> provides general overhaul of fire-fighting vehicles and retrofits them with new equipment
- <u>The Coffee Jacket</u> upcycles original used coffee bags to become extraordinarily unique design
  jackets.
- Waste Management Corporation of Munich (AWM) runs an online exchange platform and a second-hand store called Halle 2 where used goods can be purchased, repair cafés are organised and auctions are made
- 3 Step IT, 3 Step IT leases office equipment to organisations and sells it after the leasing period
- Gispen, Gispen produces and reuses durable furniture
- <u>iittala</u>, iittala buys used crockery from consumers and sells them on at a higher price than they purchased them for
- Lorenz, Lorenz is developing, producing, remanufacturing and reusing high-quality water meters
- <u>Nudie Jeans</u>, Nudie jeans offers long lasting jeans from organic cotton, repair service, recycling and a 2nd hand option
- Patagonia, Patagonia produces, sells and repairs long lasting clothing
- <u>Ponsse</u>, Ponsse refurbishes used forestry equipment parts and sells them to its customers with warranty coverage
- Shiftphones, SHIFTPHONE is a modular smartphone
- AfB, AfB extends the lifetime of laptops and smartphones by refurbisment, recycling and remarketing
- <u>Battery Intelligence</u>, Battery Intelligence provides a platform for remote battery fleet monitoring, optimal and responsible battery use, and predictive maintenance
- <u>Brink Industrial</u>, Brink Industrial is a one-stop shop business for product development, engineering, manufacturing and finishing of long lasting products
- <u>Ebay</u> / Ebay Kleinanzeigen, ebay is a platform for selling used products
- <u>EkoRent</u>, EkoRent buys used electric cars from Western countries and sells them to taxi companies to run a taxi platform in Nairobi
- <u>Ekox</u>, Ekox services IT equipment for reuse, resell and rent
- Emmy.fi, Emmy.fi sells and buys used clothes
- <u>Excess Materials Exchange</u>, Excess Materials Exchange provides a matching platform to find new high-value reuse options for materials or (waste) products for companies
- <u>Fairphone</u>, Fairphone develops smartphones that are designed and produced with minimal environmental impact
- Fixfirst, Fixfirst is an independent service to repair home appliances

- <u>Kaputt.de</u>, Kaputt.de is a marketplace for repair shops for smartphones, tablets, laptops and coffee machines
- Kleiderkreisel by Vinted, Kleiderkreisel is an online marketplace for selling and sharing fashion, accessories and cosmetics
- <u>Kokkola LCC</u>, Kokkola LCC repairs worn or rusty equipment components for industrial companies by means of laser coating
- <u>Konecranes</u>, Konecranes' Lifecycle Care service concept extends the life cycle of industrial equipment and maximises their safety and productivity
- <u>Labdoo</u>, Labdoo.org is a non-profit collaborative social network which brings recycled Laptops loaded with educational applications to schools throughout the world without incurring any economic cost and without generating additional CO2 emissions to the Planet
- Lunette, Lune Group manufactures menstrual cups that replace disposable sanitary products
- <u>Mädchenflohmarkt</u>, Mädchenflohmarkt runs an online second hand market place for designer fashion
- Netflea, Netflea.com allows users to sell high volumes of used goods
- Rebuy, Rebuy is a marketplace for second hand articles
- Recommerce Swiss, Recommerce Swiss buys smartphones, refurbishs and sells them
- <u>Saltrex</u>, Saltrex provides a B2B auction platform for all parties with an interest in surplus, secondary or distressed commodities and cargo
- Sellpy, Sellply is an online second hand shop
- Swap.com, Swap.com offers an easy way to sell and buy pre-owned goods online
- Swappie, Swappie services and sells used smart phones
- <u>Swishi</u>, Swishi is an online marketplace connecting Offers with Wanted listings, showing new ways to exchange value and extend product lifecycles
- Taitonetti, Taitonetti sells high-quality refurbished computers
- Thredup, ThredUP is an online thrift store where you can buy and sell high-quality secondhand clothes
- Zadaa, Zadaa is a marketplace for selling and buying secondhand clothing

## **RENEWABLE RESOURCES**

- <u>alvari</u> designs and produces customisable furniture from local resources and offers a take-back system to its customers
- GreenLab utilizes cocoa waste material for production organic fertilizer
- TRIGEMA produces biodegradable, Cradle to Cradle® certified shirts
- Adidas Futurecraft, Adidas Futurecraft is a running shoe produced from one garment only designed for recycling and accompanied by a take back program
- <u>Dycle</u>, Dycle is producing compostable diapers, runs a diapers collection system and converts diapers waste into black soil
- <u>Green Recycled Organics GRo</u>, GRO-Holland uses coffee residue as a growth substrate for oyster mushrooms, which it sells back to the cafes that provide the coffee residue
- <u>Betulium</u>, Betulium provides renewable, biodegradable, and high-performance water-based cellulose materials to replace or supplement synthetic organic polymers
- <u>BioBound</u>, BioBound produces bio based concrete
- Forchem, Forchem refines crude tall oil into different renewable products
- <u>Funghi Famers</u>, Funghi Farmers is a sustainable oyster mushroom cultivation using recycled coffee waste from local Geneva businesses
- <u>Honkajoki</u>, Honkajoki uses animal-based waste and refines them into raw materials for products such as pet food and biofuels
- Hubus, Hubus sells boxes for worm composting transforming biological waste in to new soil
- <u>Jarmat</u>, Jarmat produces biodegradable lubricating oil from the side streams of the forest sector
- <u>Lifecykel</u>, Lifecykel offers products from mushrooms
- Montinutra, Montinutra is producing health-promoting products out of the by-products of the forest industry
- My boo, My boo manufactures and sells bicycles made of bamboo
- Neustark, Neustark enables circular and carbon neutral production of concrete by turning CO2 into minerals
- Orange Fiber, Orange Fiber manufactures textile fabrics from citrus-fruits by-products,

- Renewcell, Renewcell's recycling technology dissolves used cotton and other natural fibers into a new, biodegradable raw material
- Spinnova, Spinnova produces textile fibre from cellulosic mass without dissoluble chemicals

## **PRODUCT AS A SERVICE**

- Kleiderei rents fashionable clothes
- ReCup implements coffee-to-go with returnable cups incl. a practical deposit system
- TURTLEBOX rents stable, reusable moving boxes
- 24 Rental Network, 24 Rental Network provides renting of shared cars
- <u>BlueMovement</u>, BlueMovement offers home appliances as a service
- Bundles, Bundles offers home appliances as a service
- <u>Elite Smart Lease</u>, Elite Smart Lease is a mattresses as a service paid by the occupation of the bed
- Encore, Encore provides its customers with loading pallets as a service
- Fluid Intelligence, Fluid Intelligence offers an oil-monitoring system or lubrication as a service
- <u>Foodduck</u>, Foodduck is a spread dispenser leased to cafetarias to reduce packaging and food
  waste
- Grover, Grover is a renting platform for consumer electronics
- Home spring NL, Homespring provides furniture as a service
- <u>Innorent</u>, Innorent builds, rents out and supplies to its customers movable facilities to be used as sports halls, shops or industrial halls
- Kleiderei, Kleiderei provides a Fashion Subscription
- <u>Lem-Kem</u>, Lem-Kem offers lighting as a service
- Lindström, Lindström provides work uniforms as a service
- <u>Livingpackets</u>, Livingpackets produces reusable and smart package boxes that are offered as Packaging as a Service
- Lyfa, Lyfa offers online grocery shopping and delivery service with zero waste
- Martela, Martela sells life cycle management of work environments and office furniture as a service
- Mitsubishi M Use, Mitsubishi offers Elevators as a service
- Naps Aurinkovoimala, Naps Aurinkovoimala provides solar power as a service to companies
- Papillon, Papillon project by BSH rents out Bosch home appliances to poor people in Belgium
- RePack, RePack provides packaging as a service or reusable and returnable delivery packaging service for e-commerce
- Solnet, Solnet offers solar energy as a service
- <u>Tamturbo</u>, Tamturbo sells compressed air as a service
- <u>Teil.style</u>, Teil.Style is a clothing subscription
- The Green House Utrecht, The Green House is a circular restaurant where chefs prepare the most delicious food using ingredients from the restaurant's own urban farm and the Utrecht region
- <u>TouchPoint</u>, TouchPoint offers work clothes as a service, made of textile and plastic waste
- <u>Valtavalo</u>, Valtavalo provides LED lighting as a service
- Vapaus.io, Vapaus.io leases shared-use bicycles, electric cars and other vehicles to companies

# **RESOURCE EFFICIENCY & WASTE PREVENTION**

- The <u>German Sustainable Building Council</u> develops and promotes solutions for the sustainable design, construction and use of buildings and districts
- <u>Kirchdorfer Zementwerk Hofmann Gesellschaft m.b.H</u> gas reduction process DeCONOx, replacement of fossil fuels by alternative fuels
- <u>PAINTINBOX</u> produces 100% recyclable, solvent free, water based wall paint in a low-emission packaging
- <u>rutaNatur</u> is a packaging-free organic grocery shop
- <u>SENSONEO</u> provides smart enterprise-grade waste management solutions for cities and businesses to cost-effectively manage the waste lifecycle and improve the environment and well-being of people vakia)

• <u>VAUDE</u>'s "Green Shape" Label offers functional, environmentally friendly mountain sports equipment and clothing made from sustainable materials

## **SHARING PLATFORMS**

- Airbnb, Airbnb is a platform for flat sharing
- AirFaas, Combi Works runs AirFaas, a platform for production equipment
- <u>Blablacar</u>, Blablacar is an online marketplace for carpooling
- Blox Car, Blox Car enables people to rent their car out on an hourly, daily or weekly basis
- <u>Cine.equipement</u>, Cine.equipement is a marketplace for film equipement
- <u>Couchsurfing</u>, CouchSurfing is a global homestay and social networking service accessible, part
  of the gift economy where hosts are not allowed to charge for lodging
- <u>eRENT</u>, eRENT is a Track & Rent Platform for equipment management
- Flinc, Flinc is a Ridesharing platform for employees of bigger companies
- Getaround, Getaround offers private peer-to-peer carsharing
- Gloveler, Gloveler is a booking platform for private apartments
- <u>Kiertonet</u>, Kiertonet by Kiertoa Oy is an online auction platform, where public-sector organisations can easily sell goods, property, equipment and machinery they no longer need
- <u>MaaS Global</u>, MaaS Global combines public transport, taxis and the use of private cars in a single service based on a monthly charge
- Nettix, Nettivuokraus.com offers a central marketplace where private individuals and companies can rent goods as an alternative to ownership
- <u>Sharetribe</u>, Sharetribe offers a technology to easily establish a marketplace website to rent or sell underused goods or facilities
- <u>Skipperi</u>, Skipperi offers a peer-to-peer boat-hire service
- SnappCar, SnappCar offers a platform for private carsharing