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**BEFC**



BeFC has invented the first paper based, eco-friendly sustainable Bioenzymatic Fuel Cell.

BeFC provides a sustainable and environmentally-friendly source of energy, that will (i) replace traditional batteries in lowpower electronic disposable devices, (ii) be the default choice for new designs. Our company aims to be the first to market and to become the global leader of this disruptive technology.

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**BEYOND  
AEROSPACE**



Beyond Aerospace is building the first electric private aircraft using hydrogen propulsion to reach more than 1000 miles.

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**EOLINK**



Eolink develops an innovative and integrated floating wind turbine. The advantages of the Eolink concept are :

- A 30% lighter structure thanks to a better distribution of forces,
- 10% more energy thanks to a greater distance between the blades and the masts,
- A deployment on site facilitated by an unprecedented towing speed and a fast connection system,
- Easy and automatable industrialization because similar to the modular construction of merchant ships.

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**FAIRBRICS**



Fairbrics' mission to fight climate change by developing circular manufacturing processes, which use renewable resources instead of petroleum based products. Fairbric's first Product, Airwear, is a technology that converts cheap and harmful industrial CO2 into polyester yarns for fashion brands that wants to reduce their carbon footprint. The resulting product has the same properties as polyester, but it contains 30% CO2 and as a carbon footprint reduced by a factor of two.

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**GOUACH**



Gouach designs and produces the first 100% repairable electric battery for micro-mobility (e-bike, e-scooter). It is a smart and connected battery, which allows for innovative features and business-models (leasing, subscription, smart maintenance).

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**HOFFMANN  
GREEN**



Hoffmann Green's purpose is to act on the climate by designing, producing and distributing decarbonated 0% clinker cements whose manufacturing process promotes the circular economy. Thanks to its innovative technological solutions, construction players will be able to reduce their carbon footprint by up to 6 times to create the sustainable cities of tomorrow.

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**HYSILABS**



HySiLabs has conceived the first carrier to transport and store hydrogen at ambient temperature and pressure in liquid state with a non-organic basis. It has developed a revolutionary process that can release on demand the amount of hydrogen you need from a simple chemical reaction, anywhere, anytime.

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**JIMMY**

**Jimmy**

Jimmy is low-carbon process heat provider. The company designs and operates nuclear micro-reactors that are installed next to industrial sites. It can then provide competitive, low-carbon heat to industry (competitive meaning cheaper than fossil fuels that are used today).

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**KAYRROS**



Kayrros, thanks to satellite data and AI, monitors all the energy and industrial sites in the world, measures their consumption of raw materials and energy and their emissions of pollutants and GHGs. Kayrros technology accelerates the decarbonization of the energy system and adaptation to climate change.

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**KEYE  
AEROGEL**



Keey Aerogel develops, manufactures and industrializes nano-insulating materials that are three times more efficient than traditional alternatives, based on recycled silica from construction and demolition waste.

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**LACTIPS**



Lactips develops, produces, and sells the only industrial plastic-free polymer. This innovative, high-quality, 100% bio-based and biodegradable material in different environments is an effective and eco-friendly alternative to many traditional plastics. To improve the recyclability of plastics and create new packaging solutions Lactips supports its customers in their circular-economy strategies and helps them respond to present and future environmental challenges.

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LIXO



LixO is a start-up developing artificial intelligence solutions for the circular economy.

By combining sensors and image recognition algorithms, LixO enables all waste management players (collectors, sorting centers, recyclers, etc.) to analyze waste flows to better valorise, sort and manage them.

LixO's ultimate goal is to ensure that recycled materials can finally compete in terms of price and quality with virgin raw materials.

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MATERRUP



Materrup, a DeepTech industrial startup, produces a low-carbon local cement, based on raw clay from the territories. This local cement halves CO2 emissions, without compromising neither the performance nor quality of the concrete. This clay cement is an immediate response to the challenges of the cement/concrete sector in search of looking for less energy-intensive and less carbon-intensive solutions on a global scale.

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METRON



Metron offers an Operational Energy Management System, METRON-EVA® Suite, which enables industrial groups to optimize their energy efficiency, the productivity of their teams and the decarbonization of their activity. This solution, based on AI, combined with its unique expertise, brings concrete results: controlled energy consumption, constant reduction of the carbon footprint, strong commitment of the teams.

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NAM.R



Nam.r produces a unique series of reliable, complete and realistic data on buildings and environment based on IA and business knowledge. This asset helps accelerate action by all stakeholders around buildings, from inventory to identifying solutions for CO2 reduction and climate resilience.

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NEOLITHE



Neolithe is developing a technology for the transformation of non-recyclable household and industrial waste into mineral aggregates for use in the construction industry (especially in roads and concrete). This process would replace the incineration and landfill methods currently used.

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PHOENIX  
MOBILITY



Phoenix mobility converts existing fleets of thermal commercial vehicles (gasoline or diesel) into 100% electric vehicles using a standardized and modular conversion kit.

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**ROSI SOLAR**



ROSI Solar is a company offering innovative solutions for recycling and revalorization of raw materials in the PV industry. The technologies allow to recover highly pure silicon and other metals currently lost during the production of photovoltaic cells and at the end-of-life of solar panels.

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**SYLFEN**



Sylfen enables the Energy Transition of Buildings and secures an energy supply from local and renewable energy. The solution, called the Smart Energy Hub, includes (1) batteries for short term energy storage, (2) an innovative clean hydrogen chain fuelled by a reversible electrolyzer and (3) software for the smart and predictive management of all energy fluxes on the customer's site (power, heating/cooling, gas, charge of electric or hydrogen vehicles).

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**TALLANO**



Tallano is developing a patented technology to reduce fine particle emissions from braking systems in the road and rail transport sector.

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**TRYON**



Tryon develops small scale anaerobic digestion units in order to transform food wastes locally into 3 resources : biogas injected in the local grid, organic fertilizer for local agriculture and clear water. The concept is easy and fast to deploy and reduce the cost and the environmental impact of the collection logistic. the offer is packaged into a turnkey service from de deployment up to the operations, the collection and the financing.

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**WAGA ENERGY**



Waga Energy recovers biogas from landfills in the form of biomethane, a renewable substitute for natural gas. The biomethane is injected into the gas distribution networks or used as fuel. Waga Energy finances, builds and operates WAGABOX® through long-term contracts with waste operators and shares the revenues from the sale of biomethane with them.

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