



PEATLANDS AND ECOSYSTEM FUNCTIONS - iPSC

PALUDI - FAIR

Exhibitor Catalog

18th September to 21st September 2024

In cooperation with the "PaludiZentrale"



<https://www.fnr.de/projektfoerderung/ausgewaehlte-projekte/projekte/paludi-zentrale>

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1.1 creapaper



Industry sector

Alternative pulp & packaging

Products & Services

grasPap (pulp) grasspaper (frm 18gsm - 800gsm) grasspaper products
(bags, tissue, outer packaging)

Development status

Market ready

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1.2 Evergrow Elements



Industry sector

Construction

Products & Services

Typha building material and automated production line for producing different materials

Development status

In development

Company Background

For the past year, we have been developing an automated plant for the production of building materials



Contact person

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1.3 Fibers 365



Industry sector

Bioeconomy: Pulp&Paper, Biopolymers, Bioenergy

Products & Services

Chem-free cellulose fibers / pulp and lignin from agricultural by-products and annual plants (incl. paludi-biomass), produced in „farm scale“ SteamFiber factories Fibers365 offers project development, turnkey realisation, monitoring, quality control and product sales under Fibers365 brand

Development status

Market ready

Company Background

Fibers365 continues the fiber, pulp and paper expertise from Germany's once biggest paper mill, combined with special know how and IP in hydrothermal biomass processing and bioenergy production from a leading technology provider. The SteamFiber Circular Bioeconomy Concept has repeatedly received recognized awards.



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1.4 LI-COR



Industry sector

Environmental- and Biotechnology

Products & Services

CO₂, CH₄, N₂O trace gas analysis and isotopes for climate change and plant research, atmospheric monitoring, eddy-covariance flux measurements between ecosystems and the atmosphere, soil gas flux, DIC, CO₂ a,d pH in seawater, photosynthesis, stomatal conductance and evapotranspiration, photosynthetic active radiation measurements.

Development status

Market ready

Company Background

LI-COR Biosciences has been “Impacting Lives through Science” since 1971. Building upon the strengths of our personnel, we have grown to include more than 400 employees at its headquarters in Lincoln, NE, USA, and subsidiaries in Bad Homburg, Germany, Cambridge, UK., and Beijing, China. In 2021, LI-COR was acquired by Battery Ventures, a global technology focused investment firm.



Contact person

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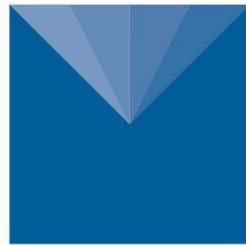
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1.5 METER Group



METER

Industry sector

Environmental Measurement Solutions

Products & Services

Weather Stations, Soil Moisture Sensors, Plug and Play Data Logger, Water Potential Sensors, Tensiometers, Laboratory Devices for Soil Texture, Retention, Hydraulic Conductivity and Thermal Conductivity. Cloud based data management

Development status

On market

Company Background

METER has a history of more than 30 years. The organization roots back to the companies Decagon (US based) and UMS (Munich based), who merged in 2016 in order to join forces. METER delivers simple to use yet precise measurement equipment to help scientists understand managed ecosystems in the soil-plant-atmosphere continuum.



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1.6 UGT



Industry sector

Environmental Measurement Solutions

Products & Services

Our products:

- Lysimeter and lysimeter stations
- soil hydrological and soil physical measuring instruments
- climate measuring technology
- plant physiology measurement devices

Development status

On market

Company Background

The 'Umwelt-Geräte-Technik' (UGT) has been offering solutions for research projects in the field of environmental technology for over 30 years. We accompany our customers from project development throughout consulting up to installation. Each project is unique and requires well matching systems. We therefore rely on measurement technology from our company, combined with those of our partners.



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1.7 Wetland Products Foundation








Wetland Products Foundation

Industry sector	Buidling and Insulation products from Wetland fibres and Plants
Products & Services	Facilitating Paludiculture and R&D in materials use
Development status	In development
Company Background	We want to enable Farmers to try a new businessmodel on rewetted peatlands by growing "fibre" crops. We work on changing the rules and regulations and get farmers paid for wetter-biodiversity as well as other ecosystemservices (water and air quality)



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Not present Participants

Typha Technik Naturbaustoffe GmbH		Building materials (construction panels from Typha)	www.typhatechnik.com
Green Planet Energy e.G.		Energy (Biomethan from Paludi)	www.green-planet-projects.de
Moorhofer Grünlandhof		Climate Farmer (Horse feed and other products)	www.naturwiesenheu.de
Unser Land kann Moor		Website for companies that utilize Paludi	matthias.schuppler@bayernlb.de
Gramitherm Europe		Thermal insulation made of grass fibres	www.gramitherm.eu
Energiewert Cloppenburg GmbH		Peat-free substrate	www.texas-bioenergie.de
Deutsches Institut für Lebensmitteltechnik e. V.		Pet food from Paludi	www.dil-ev.de