

HESSEN



Hessisches Ministerium
für Wirtschaft, Energie,
Verkehr, Wohnen
und ländlichen Raum

HESSEN 10

**The 10 most-promising
startups from Hessen**

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**Meet the 10
most-
promising
startups from
Hessen for the
first edition of
Hessen10!**

Startup:

CognitX AI GmbH

Founding year:

2024



Founders:

Gent Zambaku,
Griselda Xhaferi

Industry:

Banking & Financial
Services, Insurance



This is what we do:

We humanize enterprise data and bring data analytics to everyone everywhere. CognitX is the first enterprise-grade data analytics AI advisor, to deliver aggregated and personalized insights from all enterprise data-sources just by having a conversation with data, leading to faster smarter and well-informed decisions for everyone (strictly preserving enterprise data security and privacy).

Our Mission:

Democratize and
personalize data analytics.

Our Solution:

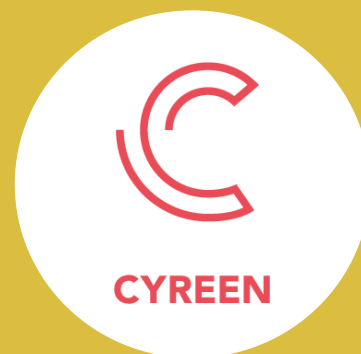
CognitX is an AI based solution that sits on top of enterprises data technologies. 1- It connects in just a few clicks to all enterprise data-sources (databases, data-lakes, warehouse etc), 2- interconnects all information semantically, building knowledge out of data, and 3- enables aggregated insights from multiple sources at once (including real time visualizations) simply by asking questions to data, by text or voice.

Startup:

Cyreen GmbH

Founding year:

2017



Founders:

Davide
Scheidegger,
Benedict Boos,
Ciril Hofmann,
Herbert Boos

Industry:

Media, Marketing
and Creativity



This is what we do:

We have developed an AI-driven system that applies the same principles of online marketing to brick-and-mortar retail, positioning us in the rapidly expanding Retail Media market, which is growing at over 40% annually. Similar to how a web cookie tracks online behavior, we track the customer's purchasing journey and deliver optimized ads on screens. This approach attracts high demand and premium pricing from advertisers, as our AI ensures both effective ad delivery and measurable results.

Our Mission:

We identify and activate shopper-relevant factors to optimize ad-impact.

Our Solution:

We transfer the logic of the web-cookie to brick-and-mortar stores to enable them to profit from the mega trend "retail media".

Startup:

HCP Sense GmbH

Founding year:

2021



Founders:

Georg Martin,
Ansgar
Thilmann,
Tobias Schirra

Industry:

Manufacturing &
Industrial Goods



This is what we do:

With our LubseSecure monitoring system for pumps, we optimize maintenance and energy consumption to reduce lifecycle costs by 24%. LubeSecure is a sensor for lubrication monitoring for bearings in pumps.

Our Mission:

Enable our customers to build more sustainable reliable and efficient machines.

Our Solution:

LubeSecure is a sensor for lubrication monitoring of bearing in operation. For the first time it is possible to monitor the main reason (80%) for bearing failures in operation.

Startup:

LACASCARA

Founding year:

2023



Founders:

Lisah Dietrich,
Constantin
Müller

Industry:

Food, Retail &
Consumer
Goods



This is what we do:

LACASCARA is a natural and sustainable aperitivo made of the cascara fruit. Cascara is the red pulp of the coffee cherry that surrounds the coffee bean and has remained unused until now. LACASCARA is 100% natural and perfectly served with secco or tonic water or ready to drink as LACASCARA Spritz.

Our Mission:

We offer a sustainable and natural alternative in the aperitivo segment. By using cascara we support coffee farms with additional, urgently needed income.

Our Solution:

Over 10 million tons of cascara fruits get wasted every year. We reuse cascara and set a statement against food waste in the aperitivo segment.

Startup:

Leverest

Founding year:

2020



Founders:

Jan-Moritz
Hohn, Janik
Bold

Industry:

Information and
Communications
Technologies
(ICT)

This is what we do:



Leverest offers a fully digital, end-to-end platform for debt financing, connecting borrowers, investors, and lenders while streamlining the entire process through intelligent workflow management. Our in-house tech team ensures rapid development based on customer needs, giving us a competitive advantage in flexibility and speed. Leverest is already a market leader in the DACH region, providing clients with both efficient connections and workflow automation that reduces administrative tasks and increases productivity. By now over EUR 3bn of loans have been managed via our platform in the first three years and with employees on the ground in the UK and the US we are ready to become a truly global leader.

Our Mission:

Changing the financial industry for the better. Our mission is to become the leading infrastructure & marketplace for corporate finance transactions, improving working lives and transforming the industry through digitization & AI.

Our Solution:

At the core of our business model is our innovative workflow software (SaaS) and comprehensive marketplace. Leverest offers a cutting-edge solution for brokering, organizing, and executing financing transactions by leveraging advanced technology. We connect companies, private equity investors and advisors via our digital platform with a network of top-tier lending parties. Our process management software supports the financing process from start to finish with AI and intelligent data analysis, ensuring that clients are matched with the most suitable lenders, and lenders are connected with the most appropriate companies.

Startup:

LocateRisk GmbH

Founding year:

2020



Founders:

Lukas Baumann

Industry:

Cybersecurity



This is what we do:

LocateRisk enables automated, continuous security monitoring of organization's cybersecurity performance of any industry and size, as well as their affiliates and business partners. In less than 48 hours, the IT infrastructure is recorded from an external perspective, checked and processed in specific result reports for management and IT. Integrated functions support the rapid remediation of vulnerabilities and accelerate the security process.

Our Mission:

IT security is intransparent and companies have no insight into their own IT security situation, let alone that of their business partners. LocateRisk makes the external security situation of organizations of all sizes transparent and offers functions that accelerate the security process.

Our Solution:

LocateRisk offers fully automated security audits & monitoring of externally accessible IT infrastructure for companies, including their service providers and suppliers, as part of business partner risk management.

Startup:

myoact

Founding year:

2021



Founders:

Simon Roth,
Philipp Piroth,
Fabian
Sonnenschein,
Andreas Hrabal,
Svenrik
Gollmann

Industry:

Life Science,
Healthcare & Pharma



This is what we do:

myoact combines advanced medical technology with a user-friendly application. Our EMG platform offers doctors, physiotherapists, rehabilitation and training institutions a precise yet practical tool to analyze and fix muscle imbalances.

Our Mission:

We offer professionals the fastest and easiest entry to the practical use of EMG.

Our Solution:

We are a medically certified tablet app connecting to sEMG sensors.

Startup:

NatStruct AG

Founding year:

2023



Founders:

Toni Frankenstein,
Martina Grimberg,
Federik Huxhage,
Serrena Jäger,
Dominik Schreiber

Industry:

Agriculture and
Farming

Founders / owners	CEO	CTO	Supervisory	Supervisory	CFO/CLO
	TONI FRANKENSTEIN	FREDERIK HUXHAGE	MARTINA GRIMBERG	SERRENA JÄGER	DOMINIK SCHREIBER
	Aero Engineer	Production Engineer	Civil Engineer	Educational Science	Business & Law

This is what we do:

1. With our technological innovation, we create natural fibres from agricultural waste and make them universally applicable. We replace plastic.
2. Our innovative separation process ensures consistent high quality and low prices.
3. We are the only solution on the market, which uses European plants.

Our Mission:

We create new fibres and biomaterials from unused agricultural waste and make them universally useful.

Our Solution:

We source waste leaves from e.g. bananas, horseradish, lavender, and pineapple from farmers, turning what would have been discarded into a valuable resource. With our technological innovation, we create natural fibres from agricultural waste and make them universally applicable.

Startup:

Twinetic GmbH

Founding year:

2023



Founders:

Rachel Maier,
Christopher
Ripp, Richard
Säuberlich,
Imed Tayeche

Industry:

Energy



This is what we do:

Twinetic is a forward-thinking startup offering an AI-based energy management platform to transform energy data into cost savings and enhanced sustainability. We cater to industrial companies and municipalities, addressing challenges such as high energy costs and complex emission reporting requirements. Our platform features automated data collection, CO₂ accounting, AI-driven forecasts, and optimization tools to help clients reduce energy costs by up to 20%, lower emissions by up to 12%, and simplify reporting tasks by up to 90%.

Our Mission:

Twinetic's mission is to empower industries and municipalities with an automated energy management platform that transforms complex energy data into cost savings and efficiency. Through advanced AI and digital twin technology, we simplify energy operations, enhance sustainability, and ensure compliance with ESG and CSRD requirements.

Our Solution:

Twinetic provides an advanced energy management platform that integrates seamlessly with existing systems to automate and optimize energy operations. Our solution features real-time data collection, AI-driven anomaly detection, and predictive analytics for energy demand. It automates CO₂ accounting and simplifies compliance with regulations like ESG and CSRD. Through mathematical optimization, our platform suggests cost-effective and sustainable energy supply strategies, helping clients achieve up to 20% energy cost savings and a 12% reduction in emissions while reducing manual reporting efforts by up to 90%.

Startup:

Verrano

Founding year:

2023



Founders:

Manuel
Siskowski,
Maximilian
Bubenheim,
Felix
Linnenschmidt

Industry:

Food, Retail &
Consumer Goods



This is what we do:

Verrano has developed a process to matur root vegetables. The startup manufactures cutlery products based on this technology.

Our Mission:

Verrano aims to provide novel food products that are of excellent taste while being beneficial for humans, animals and the planet.

Our Solution:

Verrano offers consumers and professional cooks alike a novel food product to create new taste experiences.

Contact



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