

Sehr geehrte Damen und Herren,

Sustainability in industry has become a strategic priority. In industrial production it is a central consideration throughout the entire life cycle of products – from the acquisition of raw materials to the manufacture of products and their recycling. The mission of the UAR Innovation Network is clear: to prepare the ground with and for businesses so that they can follow this path. The research projects described below represent only a fraction of the wide range of topics covered.

Far-Reaching Sustainable Innovations

Wood K plus is at the very forefront of research into bioeconomies. The centre has won many prestigious awards for its development of a **sustainable adhesive for wood materials and furniture.** Its research findings enjoy widespread international recognition. For example, Wood K plus was one of the organizers of the world's biggest and most prestigious conference on wood adhesives, the ICWA in the USA.

We wish you a pleasant summer!

Best wishes,
DI Dr. Wilfried Enzenhofer, MBA

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UAR Innovation Network

A MODEL REGION THANKS TO TOP-LEVEL RESEARCH

Upper Austria has set itself the target of becoming a model region for the creation and use of sustainable plastics solutions, energy sources and vehicle concepts. The UAR Innovation Network plays a central role in these dynamic innovation efforts.



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UAR INNOVATION NETWORK

CURRENT TOPICS

PROFACTOR

UAR INNOVATION NETWORK

THREE DIMENSIONS OF EFFICIENCY

Zero3 stands for the three most important production parameters – resources, people and data – and has the aim of using them in the most efficient way possible. To optimize efficiency across value streams, a sustainability monitoring platform is being developed.



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SCCH

AI IMPROVES PLASTICS RECYCLING

EREMA and SCCH have joined forces to explore ways in which digitalization and artificial intelligence (AI) can improve recycling levels. The research centre is contributing its expertise in the field of data science and has developed a dashboard for visualizing and analysing process data.



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TCKT

MIXED TEXTILES IN THE LOOP

Efficient recycling of mixed textiles is not possible with current technologies. This is where the “EnzATex” project comes in. The title stands for enzymatic processing and recycling of waste textiles. The aim is to break down mixed fabrics into their constituent parts using enzymes.



[Find out more...](#)



LKR

CPS FOR MORE ENERGY EFFICIENCY

Low weight, great stability: light metals play an important role in achieving climate targets. However, manufacturing and processing them requires a great deal of energy. Cyber-physical systems (CPS) can significantly improve the energy efficiency of these processes.



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HALL OF FAME



SCCH
Award at Kepler Science Day



LCM
Family-friendly employer



WOOD K PLUS
ÖGUT environmental award
for the "Susbind" project



WOOD K PLUS
3rd place in the 2023 Houska
Award

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AUTOMATICA 2023

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FESTIVAL**

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13.09.2023
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extensive opportunities for your



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in a wide variety of specialist
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for an idea of who we need.

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Upper Austrian Research GmbH | Hafenstraße 47-51 | 4020 Linz | Building B, Staircase 2, 1st floor
Tel: 0732 9015-5600 | Fax: 0732 9015-5618 | info@uar.at | www.uar.at | [Impressum](#)



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