

Creavis – Unboxing the future

September 2022



Creavis – The strategic innovation unit and business incubator of Evonik



Pioneering solutions for a better life by ...

- Developing new, sustainable businesses for Evonik
- Driving strategic innovation beyond the focus of existing business
- Identifying new opportunities via a foresight approach
- Fostering external cooperation, networks, and open innovation worldwide
- Attracting and developing talents for Evonik

Creavis – The strategic innovation unit and business incubator of Evonik

EVONIK PURPOSE

**Leading beyond
chemistry to improve
life, today and
tomorrow**

Creavis particularly
contributes to the
“**beyond**” and
“**tomorrow**” –
by pioneering
sustainable
solutions

CREAVIS MISSION

**Pioneering
sustainable
solutions for a
better life**

The Creavis approach ...

Using this approach
Creavis pursues **New Business Development**
for the **divisions** and the
group.



focuses on **new markets** and
evolving value chains.



focuses on **sustainable system solutions***.



focuses on **commercialization**
within a 5-10-year time frame**.



is **cross-industry** and
interdisciplinary.

* Next Generation Solutions (Driver, Leader) according to PARC logic at the time of commercialization. ** After project start.

Now it's time
to unbox the
future!



We have aligned Creavis to address key global challenges.

Incubation Clusters



Defossilisation

Solutions for a climate-neutral society



Life Sciences

Solutions for a growing & aging world population



Solutions Beyond Chemistry

Data-based solutions for system renewal

Functions



Foresight

Identification of future chances and challenges



Networks

Link to external innovation partner & organizations



Technology & ESHQ

Providing the technical and organizational basis

INCUBATION CLUSTER

Defossilisation

What the planet needs

Solutions for a climate-neutral society

What drives us

Supporting industries to become independent of fossil raw materials and to enable a climate-neutral hydrogen economy



Unboxing Defossilation

RENEWABLE CARBON

Closing the carbon cycle by carbon capture, biotechnological as well as chemical conversion technologies. Creating products based on new sustainable feedstocks



HYDROGEN ECONOMY

Enabling a green hydrogen economy as key element of a climate-neutral society with specialty chemicals & materials for the production, logistics & storage of hydrogen

CIRCULARITY

Enabling the development of circular economies in existing Evonik polymer and additive markets, commodity plastics, and key industry relevant metals

INCUBATION CLUSTER

Life Sciences

What the planet needs

Sustainable solutions for nutrition and health promotion of a growing and aging world population

What drives us

Supporting the transition to a global, sustainable food production and developing new solutions to prevent and cure diseases



Unboxing Life Sciences

PREVENTION & WELLBEING

Promotion of health and wellbeing & prevention of undesirable health conditions by providing sustainable solutions of demonstrated efficacy in the sectors of nutrition, personal care and cleaning



NOVEL THERAPEUTIC CONCEPTS

Providing innovative solutions for vaccines, medical devices & pharmaceutical products to enable novel therapeutic concepts for diseased people

FARM TO FORK

Addressing the entire value chain from farm to fork to enable sustainable and healthy food production

INCUBATION CLUSTER

Solutions Beyond Chemistry

What the planet needs

Solutions to replace outdated, unsustainable and wasteful systems

What drives us

Improving the transparency, efficacy and thus sustainability of industry systems based on data analysis combined with comprehensive domain know-how



Unboxing Solutions Beyond Chemistry

NEW FORMULATION BUSINESS

Developing additive solutions based on data analysis and domain know-how as key enabler for a sustainable chemical industry

Our business solutions are nuclei for new and asset light Evonik business platforms.



FUTURE MOBILITY*

Supporting the ongoing transformation of mobility with solutions that significantly increase energy efficiency and sustainability

*Innovation Domain

DATA-DRIVEN BUSINESS

Developing novel solutions for proof of origin and affordable status read-outs from biological and chemical systems, and for recording and prediction of animal and human health status

FUNCTION

Foresight

Supporting Evonik by

Early detection of societal, technological, economical, ecological and political (STEEP) changes, interpretation of consequences and formulation of effective responses

What drives us

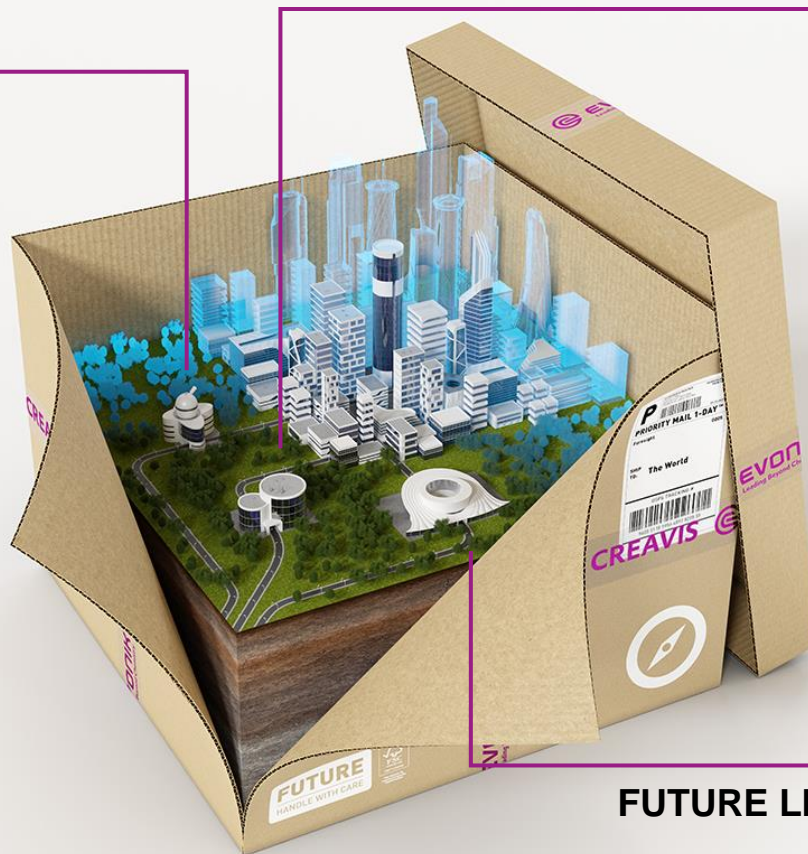
Securing the long-term success of the company



Unboxing Foresight

STRATEGIC FORESIGHT

Identification and assessment of strategic risks and opportunities relevant to the future of Evonik; developing of qualitative and quantitative future scenarios for the long-term global competitive and market landscape



INNOVATION FORESIGHT

Discovering and evaluating new innovation growth fields for Evonik; scanning the entire business environment with a 360° view for relevant changes in society, technology, economy, ecology and politics

FUTURE LITERACY

Enabling all Evonik employees to make forward-looking decisions under uncertainty

FUNCTION

Networks

Supporting Evonik by

Providing the best networks and services for innovation and business launches

What drives us

Creating new partnerships and ecosystems for sustainable business ventures



Unboxing Networks

ACADEMIA NETWORKS

Representing Evonik as an open, creative and strong partner for innovation and collaboration

POLITICAL NETWORKS

Providing access to governmental innovation alliances & initiatives

INNOVATION AGENCY

Initiating and managing innovative networks and investment projects based on public funding



PARTNERSHIP

Generating new business and innovation ecosystems through partnerships and acquisitions

BUSINESS & LAUNCH MANAGEMENT

Preparing business launches and providing business intelligence

IDEATION & ENTREPRENEURSHIP

Fostering the innovation culture of Evonik with open innovation, crowdsourcing and a startup mentality

FUNCTION

Technology & ESHQ

Supporting RD&I | Creavis by

Providing technical and ESHQ* services combined with the corresponding infrastructure (Marl)

What drives us

Enabling business incubation due to robust and scalable innovation



*ESHQ = Environment (Energy), Safety (Security), Health, Quality

Unboxing Technology & ESHQ

CONFORMITY

Implementation of the integrated management system and audit readiness

SAFETY

Ensuring and promoting an appropriate safety culture

SECURITY

Defining and implementing security requirements and solutions



TECHNICAL SUPPORT

Enabling laboratory and pilot plant activities by maintaining day-to-day operations

INTERFACE MANAGEMENT

Support in the application of Evonik processes and contact with specialized departments

COORDINATION

Management of the Science-to-Business Center in Marl



EVONIK

Leading Beyond Chemistry