



INDUSTRY OF THE FUTURE

12 SMEs FROM THE GRAND EST REGION
OFFERING INNOVATIVE CUSTOM-BUILT
SOLUTIONS FOR INDUSTRY 4.0

Hannover Mess – April 23-27 2018 – Germany

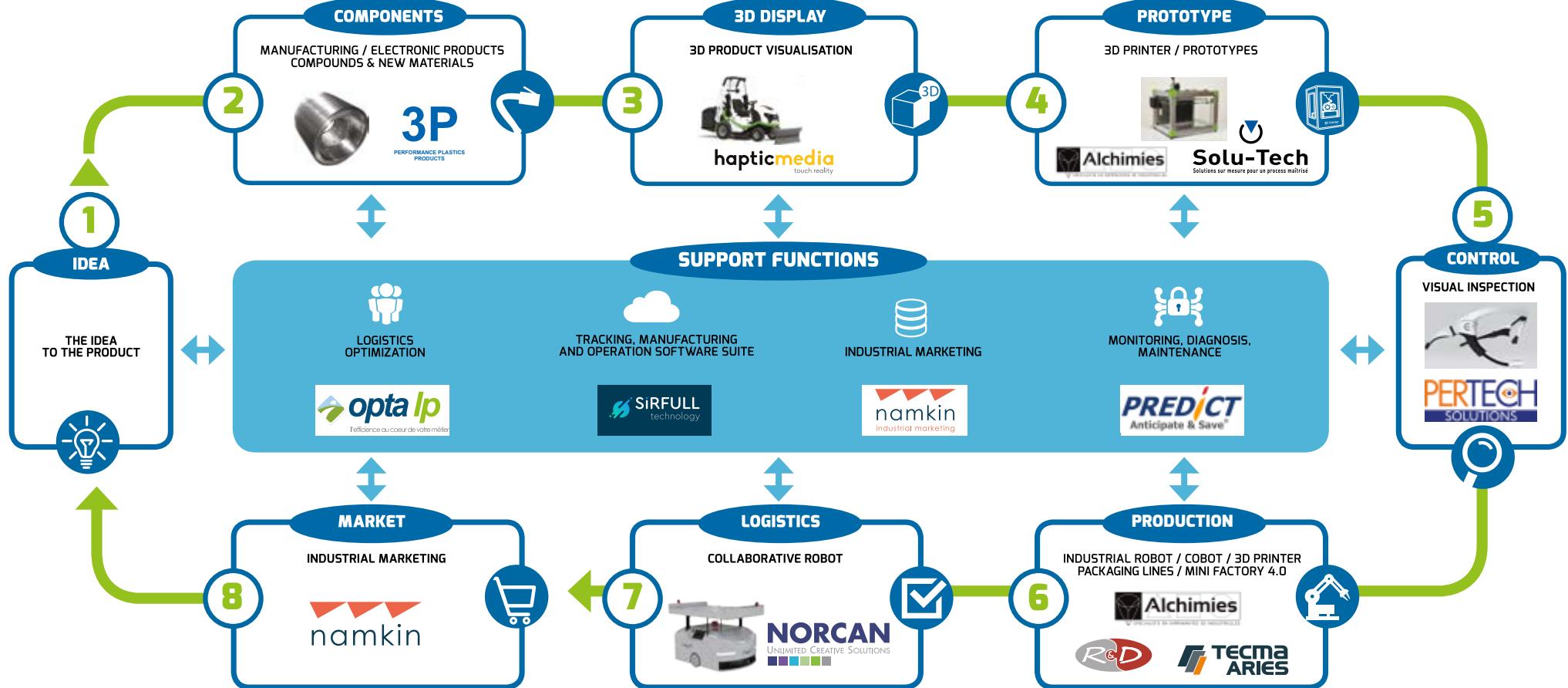
Meet our companies in Hall 8 stand A17



European Union
European Regional
Development Fund



COMPLEMENTARITY – CUSTOM BUILT – CONNECTED





The Grand Est Region – a major industrial hub in the heart of Europe – aims to become the European leader in the industry of the future. So as our economy faces multiple transformations and changes, we have put in place a strong and ambitious policy to accelerate innovation. Our aim is to offer our businesses high-performance instruments and mechanisms so that they can modernise their production equipment and become more competitive and visible in the international arena.

Our dedicated policy for the industry of the future has to enable us to support our businesses as they evolve towards industry 4.0. In concrete terms, this means allowing industrial enterprises to transform their production sites into more intelligent, flexible and connected units that respect their environment. At the same time as we are recognised for our Industry of the Future programme, the Region is committed to promoting local solution providers. First in the form of a community bringing together leading businesses in the field of the industry of the future. Second by organising the second Salon Be 4.0 in Mulhouse on 20 and 21 November. This tri-national event will welcome exhibitors and visitors from Germany, Switzerland and France, making Grand Est a benchmark region for the industry of the future.

Ultimately, our ambition is to prepare and build the economy of the future! A connected, modern and innovative economy that is going places.

It is in this context that we are accompanying twelve excellent companies from the Grand Est Region offering customised solutions for the industry of the future to Hanover, a world-acclaimed event in the field of innovation not to be missed. Our businesses showcase our region. Their reach and influence put the Grand Est Region on the international map. When they succeed, so does our region! I am proud of our businesses. And the Grand Est Region will be a loyal partner, always at their side.

The region's top priorities – economic development and employment – galvanize us every day. The Grand Est Region has tremendous assets. Let us harness these assets so that we can shine, attract talent and create unparalleled economic dynamism so that our region becomes a place of prosperity, for the good of our inhabitants and future generations alike.

Jean ROTTNER

Président of the Grand Est Region

Die Region Grand Est, einer der bedeutenden industriellen Standorte im Herzen Europas, hat sich zum Ziel gesetzt, in die Spitzengruppe der europäischen Regionen im Bereich Industrie 4.0 vorzustoßen. Um dies zu erreichen, haben wir eine ehrgeizige Politik zur Beschleunigung von Innovationsprozessen in unserer Wirtschaft auf den Weg gebracht, die einem tiefgreifenden Wandel unterworfen ist. Ziel ist es, unseren Unternehmen effiziente Hilfestellungen an die Hand zu geben, die ihnen dabei helfen, ihre Produktionsmittel zu modernisieren und gleichzeitig wettbewerbsfähiger und auf internationaler Ebene sichtbarer zu werden.

Unserer Politik soll Unternehmen beim Wandel hin zur Industrie 4.0 begleiten. Konkret geht es darum, Industrieunternehmen beim Umbau ihrer Produktionsstätten in smarte, anpassbare, vernetzte und umweltfreundliche Produktionseinheiten zu unterstützen. Genauso wichtig ist es, Anbieter geeigneter Lösungen aus unserer Region und ihre Angebote vor Ort zu fördern. Dazu dient zum einen ein Verbund von Unternehmen, die im Bereich der Industrie 4.0 zur Spitze zählen, und zum anderen die zweite Auflage der Messe „Be 4.0“ am 20. und 21. November in Mülhausen (Frankreich). Mit ihrer trinationalen Ausrichtung und Ausstellern aus Frankreich, Deutschland und der Schweiz trägt sie dazu bei, die herausgehobene Stellung der Région Grand Est bei der Industrie der Zukunft weiter zu festigen.

Unser langfristiges Ziel ist es, die Wirtschaft von morgen zu schaffen – vernetzt, modern, innovativ und in Bewegung!

Mit dieser Zielsetzung begleiten wir 13 Spitzenunternehmen aus der Region Grand Est mit ihren passgenauen Angeboten im Bereich Industrie 4.0 zur Hannover-Messe als einer der weltweiten Leitmessen für Innovation. Unsere Unternehmen sind das Aushängeschild unserer Region: Ihre Strahlkraft macht die Region Grand Est auf internationaler Ebene sichtbar, ihr Erfolg ist der unserer Region! Ich bin stolz auf unsere Unternehmen. Wir als Region werden sie als verlässlicher Partner auch in Zukunft begleiten.

Die positive Entwicklung von Wirtschaft und Beschäftigung ist unsere wichtigste Priorität auf regionaler Ebene, daran arbeiten wir jeden Tag. Die Region Grand Est hat hervorragende Voraussetzungen dafür, die wir richtig nutzen wollen, um neue Talente anzuziehen und eine wirtschaftliche Dynamik zu kreieren, die ihresgleichen sucht – zum Wohle der Region, ihrer Menschen und der kommenden Generationen!

Jean ROTTNER

Präsident der Région Grand Est

3P

PERFORMANCE PLASTICS
PRODUCTS

ACTIVITIES : PLASTICS, COMPOSITES, HIGH TEMPERATURE, LIGHWEIGHT, EFFICIENCY

From idea to design & production, the company 3P - Performance Plastics Products develops critical solutions in high performance plastics and composites (PTFE, PFA, FEP, PEEK, etc, virgin or filled). Innovation and 50 years in most various manufacturing processes allow to find out the appropriate solutions for our industrial customers with complex needs. Challenges answered are high temperature, corrosion, wear, friction and tightness, as well as purity, flexlife and electrical or thermal insulation.



For more information about 3P,
please visit :
www.3Pcorporate.com

ACTIVITIES : MANUFACTURING ADDITIVE ENGINEERING, TRAINING AND SERVICES

French company focusing on Research and Development, manufacturing and training in the field of additive manufacturing. In particular, it offers special additive manufacturing machines fully adaptable to the specifications of manufacturers and provides the necessary support for the integration of this technique in their industrial process. ALCHIMIES SAS is a supplier of AREVA, CONTINENTAL ADIENT SMART DASSAULT aviation VIESSMANN...



For more information about
ALCHIMIES, please visit :
www.alchimies.eu

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ACTIVITIES : MASS CUSTOMIZATION, CO-DESIGN, PERSONALIZATION, 3D INTERACTIVE PRODUCTS

Hapticmedia provides an innovative solution to visualize and customize online 3D interactive products. Our aim is to close the gap between the customer and the real product in a virtual way. At last, the client can have the feeling of taking the object into their own hands.



For more information about
HAPTICMEDIA, please visit :
www.hapticmedia.fr

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ACTIVITIES : COMPETENCES, RESOURCES AND INNOVATION IN INDUSTRIAL MARKETING

Namkin is a centre of skills, resources and innovation in industrial marketing. As a customer experience (CX) specialist, Namkin offers a full range of customized solutions dedicated to industrial companies with high technological value: marketing strategy, operational marketing, sales tools, web & digital platforms, multi-channel deployment. Our core expertise is to develop marketing digital workplace with IA, smart datas and valued chain creation to enhance customer experience at each stage of the sales process.



For more information about
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ACTIVITIES : SHERPA : AUTONOMOUS MOBILE AND COLLABORATIVE ROBOT FOR MATERIAL HANDLING AND PICKING.

NORCAN is leader in France and one of the key players in Europe considering customized solutions based on aluminium profiles. The Group produces several thousand applications a year generating 20 Mi. € of turnover with more than 130 employees in France and abroad.



For more information about NORCAN, please visit : www.mynorcan.com

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l'efficience au coeur de votre métier

ACTIVITIES : OPTIMIZATION TOOLS, SMART LOGISTICS, INDUSTRY 4.0, DIGITAL SOLUTIONS, ARTIFICIAL INTELLIGENCE

Opta LP is an innovative company specialized in the development of solutions for the optimization of logistics (smart logistics), production (industry 4.0), healthcare (hospital of the future) and services. These digital solutions are based on innovative optimization algorithms issued from the newest worldwide research studies, on artificial intelligence techniques and on big data analysis. Among those solutions, we cite mainly connected optimization software and tools that can solve real time complex problems (logistics, transportation, scheduling and planning (production / HR), stock inventory, forecasts, warehousing ...) in different fields (packaging, food, health, energy, metallurgy, transportation ...).



For more information about OPTA LP, please visit : www.opta-lp.com

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ACTIVITIES : VISUAL INSPECTION

PERTECH SOLUTIONS offers advanced and innovative Eye Tracking technologies that can be used to improve human-machine interactions in the Automotive, Aerospace or any working environment that needs to improve usability and security.

Our mission is to design and develop Eye Tracking systems (hardware and software), enable to meet the rigorous specifications of use and operation required by the major players of the Aeronautics transport and industry sectors.

Our expertise is at your service !



For more information about PERTECH, please visit :
www.Pertech.fr

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ACTIVITIES : PREDICTIVE MAINTENANCE, REAL-TIME MONITORING, PREDICTIVE DIAGNOSTICS, PROGNOSTICS, MACHINE HEALTH ASSESSMENT

PREDICT provides Predictive Maintenance 360° digital solutions for Industry 4.0:

- edge CASIP®: online proactive and real-time solution
- on-premise KASEM®: digital platform to manage predictive maintenance at manufacturing plant or corporate level to address world-wide vision

CASIP® and KASEM® are composed of digital and big data technologies for data acquisition, data management, data storage, data manipulation, data mining, pattern recognition, analytics, machine-learning, clustering, state identification, early detection, trends, health assessment, prognostics, advisory generation, data visualisation, dynamic dashboard.

CASIP® and KASEM® integrate 50+ industrialized algorithms, tested, robust and proven; and have connectors to various fieldbus, to 10+ historian solutions, to 30+ automation systems and to IIoT.



For more information about PREDICT, please visit :
www.predict.eu

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Innovation in Assembling

**ACTIVITIES : FLEXIBLE ASSEMBLY CELL, ROBOTIC SOLUTIONS
FOR INDUSTRY, SPECIAL MACHINES, DEVELOPING AND
MANUFACTURING OF SERIAL EQUIPMENT'S FOR OUR CLIENTS**

R&D Project Managing is a SME that employs engineers and technicians and proposes solutions to industrialize or optimize manufacturing processes. The main business sectors concerned are pharma, medical, food processing, automotive construction, mechanical engineering, mechatronics, electrical and electronic, plastics, etc.. The flagship product of R & D Project Managing is the EvoluBox flexible assembly cell designed specifically for progressive automation and quick and easy change of production by replacing tools in 15 minutes.



For more information about R&D,
please visit : www.rdpm.net



ACTIVITIES : ASSET PERFORMANCE MANAGEMENT (APM), ENTERPRISE ASSET MANAGEMENT (EAM), PREDICTIVE MAINTENANCE, WELDING QUALITY MANAGEMENT

Founded in 2011, SIRFULL is a french software vendor developing Asset Management, Preventive Maintenance and Welding Quality solutions.

The purpose of SIRFULL is to provide innovative software solutions for Original Equipment Manufacturers & Operators from various industrial and non-industrial sectors (chemical, pharmaceutical, oil & gas, nuclear, transport...).

SIRFULL's softwares help companies to manage their risks and compliance requirements all along the assets' life-cycle; from manufacturing to dismantling. Currently, great companies such as Varo Energy, Storengy, GRTgaz, Engie, Emerson and hundreds of users are using Sirfull solutions in Europe.

The SIRFULL software suite:

- SiRIUM® | asset management
- SiRIUM® | welding management



For more information about
SIRFULL, please visit :
www.sirfull.com

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ACTIVITIES : AUTOMATION / INDUSTRIAL IT, MACHINE VISION AND ROBOTICS

Founded in 2002, SOLU-TECH provides automation / industrial IT, machine vision and robotics services. SOLUTION PARTNER SIEMENS since 2003, we are also integrators of DENSO and ABB robots. Our achievements in special machine projects and modifications of existing machines have led us to further exploit the digital world through the virtual commissioning of our machines. The digital twin allows collaboration between the mechanical, electrical and automation skills to increase the level of confidence in the design phase and reduce commissioning time.



For more information about
SOLU-TECH, please visit :
www.solu-tech.fr

ACTIVITIES : INDUSTRY LEADER IN END OF PACKAGING LINES.

Tecma Aries is the merger of 2 well established brands, Tecma pack and Aries Packaging, bringing together their know-how to propose a wide range of full ends of packaging lines: mechanization of corrugate, overwrapping and cartoning, case packing, palletizing, peripherals and integration. The trust of major international customers since 1990 is explained by the added value created in the proposed solutions and by a business philosophy focused entirely on exceeding customers' expectations. Our teams are built and trained to support our customers anywhere in the world. Tecma Aries is driven by technical excellence and commitment to industry, in order to constantly improve production lines performance.



For more information about
TECMA ARIES, please visit :
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THESE SMES FROM THE GRAND EST REGION WERE TAKING PART OF HANNOVER MESSE 2016 AND 2017

2CRSI

Server solutions manufacturer, storage solutions, HPC, appliances,
converged platform
<http://2CRSI.com>

3D Morphoz

3D printing services
www.3d-morphoz.com

Accelin

Industrial expertise, innovation management, laser technology
www.accelinn.com

Bioptimize

Data science and informatics
www.bioptimize.com

CPC Analytic

Data analysis
www.cpc-analytics.fr

Divalto Groupe

Management solutions, ERP
www.divalto.com

Imag'Ing

3D modeling
www.imag-ing.com

Systancia

Virtualization, cloud computing, cybersecurity, authentication, identity
management
www.systancia.com

Thurmelec

Development, manufacturing, integration and testing of electronic products
www.thurmelec.fr

Visuol / V OPTICS

Industrial vision dedicated to objective quality control
www.visuol.com

Vize Software

Data exploration software
www.vize.io

12 INNOVATIVE SMES FROM THE GRAND EST REGION





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