



#### About Groupe Gorgé

Established in 1990, Group Gorgé is an industrial group operating in different areas of expertise:

**Smart Safety Systems** – Using technology to work in risk environments;

**Protection in Nuclear Environments** – Protecting people and securing buildings operating with radioactive materials;

**Industrial Projects & Services**  
Conducting Robotics and Fire protection systems projects for industry and service-sector player;

**3D Printing** – Enabling major industry players to find new routes to successful innovation and production processes by providing systems, 3D printers and new premium material.

In 2015, the Group reported revenue of €264.8 million. It is backed by 1,536 employees and operations in over ten countries.

More information available on [www.groupe-gorge.com](http://www.groupe-gorge.com)

Groupe Gorgé is listed on Euronext Paris and on the US OTC market in the form of ADR.

Euronext Paris:  
Compartment C.  
ISIN code: FR0000062671  
Ticker code: GOE

US OTC market:  
CUSIP NUMBER: 399451 103  
ISIN NUMBER: US3994511034  
Ticker Code: GGRGY / GGRGF

Paris, November 30th 2016, 18 :00

## Prodways and the CEA renew their R&D partnership to continue development of the 3D printing technologies of the future

Just a few weeks after announcing the joint development of a new metal printing technology, Prodways, a subsidiary of Groupe Gorgé, and CEA Tech, the division responsible for technological research within the CEA (French Atomic Energy Commission), announce the renewal of their R&D partnership in order to perpetuate their shared goal to develop the 3D printing technologies of the future.

Echoing the October announcement of the joint development of a metal 3D printing technology, and after two years of collaboration on materials and processes, Prodways and CEA Tech today announce that they have signed a strategic partnership agreement for a five-year term, aimed at designing and developing innovative and optimized solutions for new industrial applications.

These solutions are based on the wide range of technologies developed by the CEA, in particular with respect to additive manufacturing materials, processes, non-destructive testing, digital optimization, powder safety, and the post-treatment of parts. As part of this partnership, Prodways will benefit from the technological platforms set up by the CEA in Grenoble (Poudr'Innov 2.0, Nano-characterization and Nano Safety platforms) and in Saclay (Gerim non-destructive testing platform and the planned Additive Manufacturing platform in Paris Saclay).

#### Contacts

Prodways – Cindy MANNEVY – Marketing & Communication Manager – Tél. : +33 (0)1 30 90 44 12 – E-mail : [c.mannevy@prodways.com](mailto:c.mannevy@prodways.com)

Groupe Gorgé – Nathalie LAGOS – Communication Manager – Tél. : +33(0)1 44 77 94 86 – E-mail : [n.lagos@groupe-gorge.com](mailto:n.lagos@groupe-gorge.com)



In return, CEA Tech will rely on the skills and expertise of Prodways' R&D teams, in particular regarding photo-polymerization technologies in the area of technical ceramics and metals dedicated to industrial and biomedical applications.

The aim of this partnership is to improve the performance of materials currently used in additive manufacturing, and to design unprecedented solutions meeting specific cost and durability targets. These solutions are based on multi-material systems and nano-structuring, which improves the mechanical properties of parts.

In the words of Alban D'Halluin, CEO of Prodways: "By renewing its partnership with CEA Tech, Prodways is gaining access to high-quality technological research and advancing the shared determination to speed up innovation for the benefit of industrial players. Through its first results in metal printing, this partnership makes it possible to imagine new applications for a fast-growing 3D printing market."

According to Stéphane Siebert, Director of CEA Tech: "Additive manufacturing is a strategic development area for our organization, which supports French industry in this transformation. This partnership with the French leader in 3D printing machines is a crucial step in consolidating, growing and promoting our technological offers dedicated to these new processes, which will benefit all industrial sectors."

The renewal of this partnership demonstrates Prodways' determination to strengthen its strategy aimed at offering comprehensive 3D printing solutions that are optimized and tailored to each area of application. It reaffirms Prodways' intention to position itself as a key global player in multi-technological additive manufacturing.

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About CEA and CEA Tech:

The CEA is a French public research body that operates in four areas: defense and security, nuclear and renewable energies, technological research for industry, and basic research. Drawing on its recognized expertise, the CEA helps to set up collaborative projects with numerous academic and industrial partners. Backed by 16,000 researchers and employees, it is a key player in the European Research Area and enjoys a growing presence abroad.

**Contacts**



Within the CEA, identified by Thomson Reuters as the most innovative public research body in the world, CEA Tech creates technological innovations to improve the competitiveness of French companies through product differentiation and performance. Thanks to its three theme-based institutes - Leti, Liten and List - CEA Tech develops and transfers generic technologies that cover the scope of the majority of traditional industrial applications through to the most cutting-edge hi-tech sectors and addresses companies of all sizes. It rolls out this dynamic across all French regions, supporting its local partners in their innovation processes, thereby contributing to the creation of value and permanent jobs in the regions, aligned closely with industrial requirements.

Find out more: [www.cea.fr](http://www.cea.fr) & [www.cea-tech.fr](http://www.cea-tech.fr)

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#### About Prodways

Prodways, a subsidiary of Groupe Gorgé, assists major industrial firms with innovations and production processes by providing high-end solutions for additive manufacturing. Prodways' strategic positioning is to combine the necessary technological solutions with the capacity to provide services and support necessary to help companies develop and meet industrial challenges by:

- providing a top-quality, state-of-the art industrial solution
- providing a complete range of technologies to meet their needs in terms of productivity and reliability
- developing materials suited to industrial constraints (mechanical properties, biocompatibility, flammability etc.)
- proposing product design and engineering and consulting on production technologies and processes
- qualifying business processes beforehand by creating test parts and process simulations
- proposing manufacturing solutions for back-up and peak reduction
- investing in innovative players in the 3D ecosystem.

Prodways is now one of the few players able to overcome all industrial challenges and boost the emergence of additive manufacturing in series production. Prodways' offer is backed up by additional activities that enable it to position itself as a serious rival to the two global market leaders and also become the only company outside the USA to offer clients a wide range of 3D printing technologies and a complete range of 3D printing services.

#### Contacts



For further information: [www.prodways.com](http://www.prodways.com)

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**Contacts**

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