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PRESS RELEASE

SOGECLAIR and AddUp are pleased to announce the creation of PrintSky, a joint venture dedicated to the development of future industrial production projects in the field of additive metal manufacturing for the Aerospace, Space and Defense industries.

PrintSky, which is 51% owned by SOGECLAIR and 49% by AddUp, aims to provide its Aerospace, Space and Defense customers with an additive manufacturing technology platform that provides access to design, certification and validation services, prototypes and pre-series manufacturing to demonstrate "proof of concept" so that the customer will have all the required data for series production.

This global offer is intended to be distinct:

- ❖ SOGECLAIR's skills in designing optimized solutions, adapted to additive technologies that meet the requirements of the Aeronautics, Space and Defense sectors, in which SOGECLAIR has been recognized by its customers for more than 30 years with.
- ❖ AddUp's industrial know-how in metallic additive manufacturing technologies through the experience gained by its founders and current shareholders, Fives and Michelin.
- ❖ The pooling of the respective capacities of SOGECLAIR and AddUp to propose high-performance and scalable production ready additive solutions.

The ambition: to become a key player in the Aeronautics, Space and Defense sectors to design, optimize and produce prototypes in additive manufacturing capable of future industrial production.

The PrintSky platform based in Toulouse will offer a modular solution that can:

- Aid the selection of parts eligible for additive manufacture ("creative event"),
- Construct a business case according to the material and the selected technology most suited to the customer's need (Laser powder or electron beam, and potentially other technologies ...),
- Optimize and customize the design including Topological Optimization,
- Support qualification and certification,
- Manufacture prototypes and pre-production sample for proof of concept,
- Deliver all the parameters and know-how necessary for the launch of the series production for the future operators.

To ensure total transparency, PrintSky will include the customer at every stage of product development.

In more details,

The "**proof of concept**" activity is intended to demonstrate the technical, economic and industrial feasibility of these solutions on behalf of the customers of the Joint Venture and to validate all parameters for series production irrespective of location and the customer's chosen partner to print the parts.

In terms of production of the first parts for proof of concept, the production activity is limited to the capacity to operate a machine per year, per customer and per technology.

The **business case** is based on the following additive manufacturing technologies:

- existing: laser powder / electron beam bed (or even other technologies)
- under development at AddUP and in future development (as part of the SOFIA R & D program)

The main materials used are: Titanium, Inconel, Aluminum, ...

The initial target market is European aeronautics, space and defense companies but we would be happy to discuss opportunities in the rest of the world.

The activity will be based in a facility in Toulouse. Additional geographical locations could be developed depending on market demand.

About SOGECLAIR

Designer of innovative, high added-value solutions and products, SOGECLAIR brings its skills in high-quality engineering and production to cutting-edge sectors: aeronautics, space and transport. Supporting its customers and partners from the design and simulation stages through to the end of the product's lifetime, all along the production chain and for entry into service, the Group counts nearly 1,400 staff working worldwide to offer a high-quality, proximity service to all its customers.

SOGECLAIR is listed on Euronext Paris – Compartment C – Euronext® Family Business index – Code ISIN: FR0000065864 – PEA PME 150 (Reuters SCLR.PA – Bloomberg SOG.FP)

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ABOUT ADDUP :

Established in April 2016 thanks to a collaboration agreement signed by Fives and Michelin in September 2015, AddUp has developed a unique competence in metallic additive manufacturing.

The offer in 3D metallic printing extends from the design and supply of machines and systems, to the associated services (parts design, process development, etc.), marketed under the brand name AddUp.

Already recognized as an industrial additive manufacturing supplier through the two founding companies, Fives and Michelin, the AddUp offer is distinguished by its tailored approach adapted to meet specific customer requirements.

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