

## PRESS RELEASE

Rennes, 21<sup>st</sup> October 2019

### **Fabrikarium My Human Kit & ArianeGroup: 3 days of know-how between space engineers and an associative fablab dedicated to disability, the Humanlab**

*From the 16<sup>th</sup> to the 18<sup>th</sup> October, there was for the first time at the ArianeGroup site  
(at the Mureaux, near Paris) a workshop around digital manufacturing  
to innovate for the greater good: the Fabrikarium*

30 employees from ArianeGroup, lead contractor for Ariane 5 and Ariane 6 launchers, and 20 makers from the association My Human Kit were getting together around 5 project promoters with disabilities, in order to think, manufacture, and document technical assistance devices:

- “Magic joystick”: a gamepad designed for every level of strength, which will enable Jonathan, myopathy patient, to play videogames with the joystick of his wheel chair.
- “Déclic”: thanks to a mouse positioned on the arm, Nicolas can draw on his computer, even though his hand was amputated.
- “Wi-canne”: this electronic white stick is an idea from François, visually impaired, that helps his detecting obstacles.
- “Ariane roule”: a tricycle made from a recycled bicycle motor. It is necessary for Adamou, suffering from poliomyelitis, to facilitate his moves.
- “Gantelet”: a multifunction glove, designed for Solène’s agenesis (malformation of the hand), useful for everyday’s gestures.

All works are open-source documented by FlossManuals, in order to share them, to replicate them and to improve them worldwide.

This human adventure associates the expertise of “rocket scientists” from ArianeGroup with the simple creativity and innovation of makers from My Human Kit. It takes part in changing the perception of disability, becoming a source of inspiration in the enterprise. Ideas were flowing, and prototypes are now ready to take off!

“These two completely different worlds which are encountering look like a mangrove, the junction between earth and sea that full of life.”

François Le Berre, Manager of Technological and Industrial Innovation Project at ArianeGroup



*Assessing the 3 days of the Fabrikarium My Human Kit and ArianeGroup*



*Jonathan, "Magic joystick"*





Nicolas, "Déclic"



François, "Wi-canne"



Adamou, "Ariane roule"



Solène, "Gantelet"

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## ABOUT MY HUMAN KIT:

My Human Kit is an association aiming to jointly manufacture technical aid devices made by, with and for people with disabilities.

This approach allows to discover, enhance and share the abilities of people as well as designing solution with these which specifically meet their needs.

My Human Kit wishes to spread its model and influence all types of actors in order to change the perception of disabilities in the society, and especially in the world of work.

To that end, the Association relies on a community which brings together digital manufacturing specialists, volunteers and employees, professionals and companies, as well as many researchers and students. [www.myhumankit.org](http://www.myhumankit.org)

## ABOUT ARIANEGROUP:

ArianeGroup develops and supplies innovative and competitive solutions for civil and military space launchers, with expertise in all aspects of state-of-the-art propulsion technologies, especially on its Vernon site. ArianeGroup is lead contractor for Europe's Ariane 5 and Ariane 6 launcher families, responsible for both design and the entire production chain, up to and including marketing by its Arianespace subsidiary, as well as for the missiles of the French oceanic deterrent force. ArianeGroup and its subsidiaries enjoy a global reputation as specialists in the field of equipment and propulsion for space applications, while their expertise also benefits other industrial sectors. The group is a joint venture equally owned by Airbus and Safran, and it employs about 9,000 highly-qualified people in France and Germany. Its 2018 turnover is about 3.6 billion euros. [www.ariane.group](http://www.ariane.group)

