



CO-VERSATILE

CO-VERSATILE at NO-FEAR/EIC EVENT COVID-19 WHAT HAVE WE LEARNED

Ersilio Lodetti and Cristobal Rodriguez

29 March, 2022, Madrid

CO-VERSATILE has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016070



CO-VERSATILE: overarching goal



Adaptive and resilient production methods and supply chain solutions for urgent need of essential medical equipment

What happens in times of crisis?



Emergency, shortage of raw materials, difficulty with logistics, isolation, customs closure, urgency, interruption of supply chains,...

How can we face this situation?



About the CO-VERSATILE project

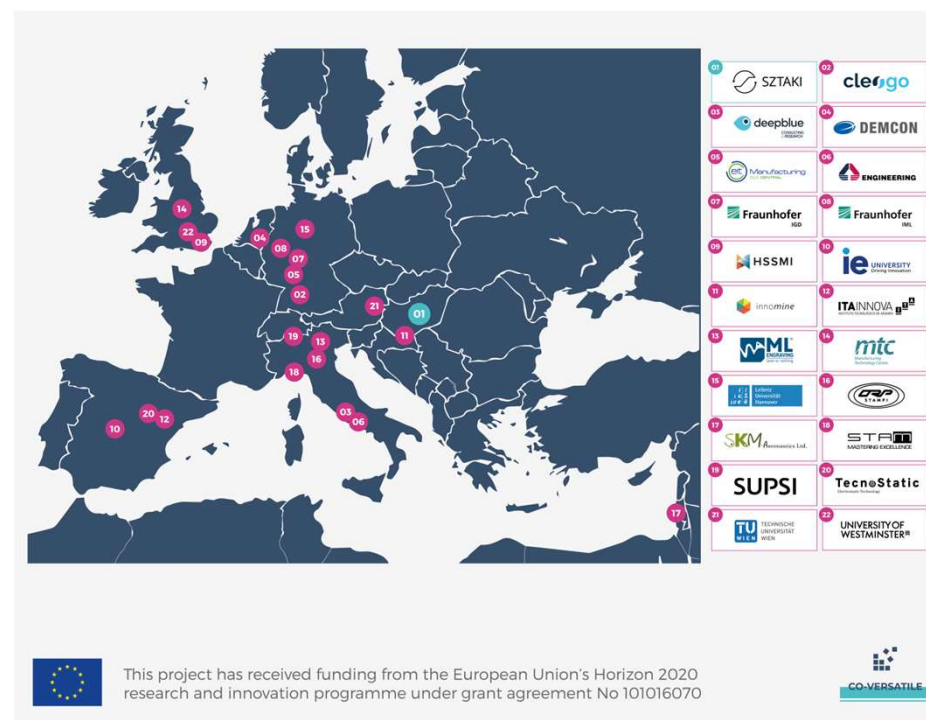


To work on PREVENTION now in order to face future emergencies.

- **Coordinator:** SZTAKI - Institute for Computer Science and Control (HU)
- **Consortium:** 21 members from Austria, Germany (4), Hungary (2), Israel, Italy (5), Netherlands, Spain (3), Switzerland, and the UK (3)
- **Duration:** 24 (+ 4 months)
- **Official starting date:** 1 November 2020

STRUCTURE:

- **Manufacturing Settings:** small groups focused to solve specific topics
- **Digital Technopole:** cloud-based platform to facilitate the creation of a European network where to access readily available and customisable solutions.



Production of re-usable silicone masks



© OR.P. STAMPI SRL



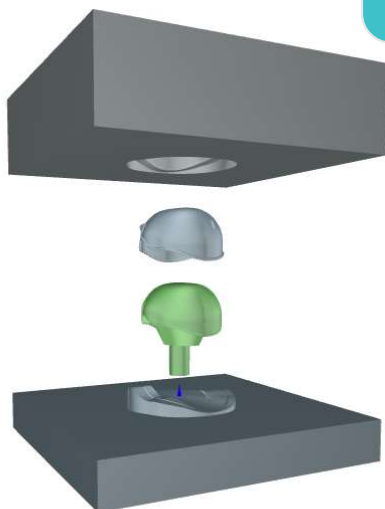
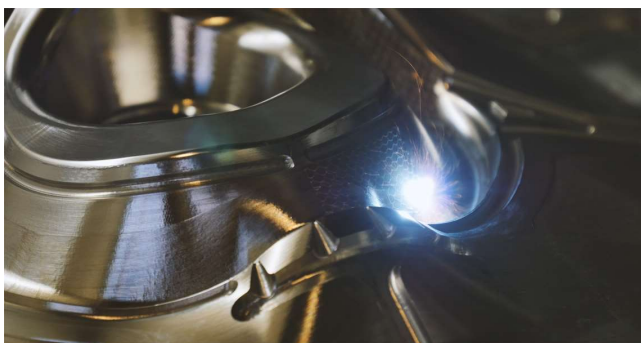
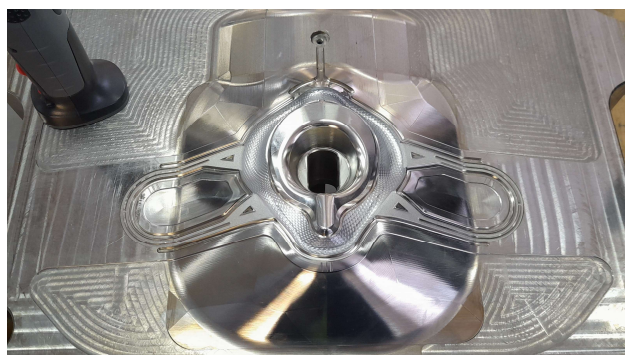
Production of re-usable silicone masks



SUSTAINABLE PRODUCT FOR CITIZENS

- Re-usable
- Transparent
- Lightweight
- High comfort
- Adjustable ear loops
- Exchangable filters

Production of re-usable silicone masks



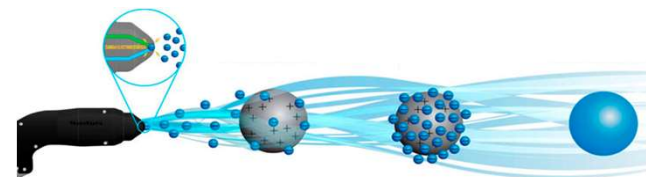
VERSATILE MANUFACTURING

- 48-hour Manufacturing response
- Short supply chain: 2-cavity mould with laces included
- No deflashing
- Optimised cycles
- Suitable for any solid rubber compounds

Electrostatic disinfectant spray systems production



Electrostatic spray technology



- Total coverage 360°
- Drops adhere to the surface, like the attraction of a magnet. There's no space left that is not disinfected.
- Saving of disinfectant product.
- Greater range of disinfection.
- No need to distribute the product with a cloth.
- Prevents possible cross-contamination.

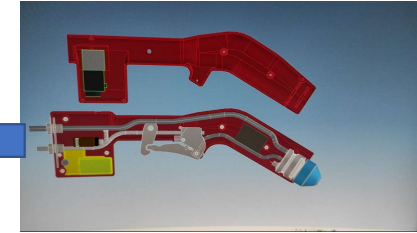


Electrostatic disinfectant spray systems production

Preventing virus spread when time counts



Sprayer Design



Injection mold.



Sprayer housing

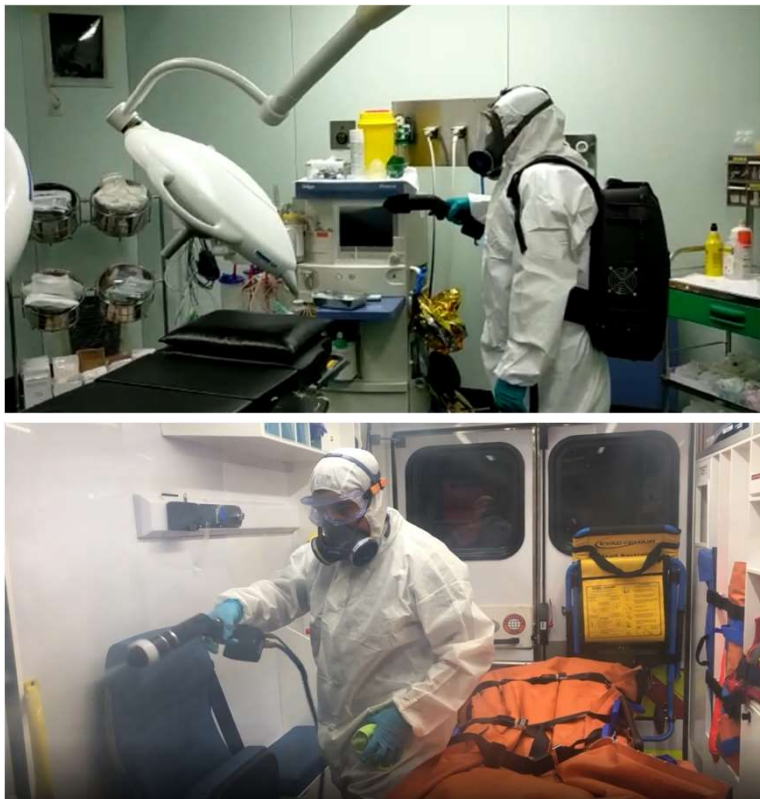


CO-VERSATILE



Utilities of the Electrostatic disinfectant spray systems

Preventing virus spread when time counts



- Easy to manage.
- Can be applied on electronic equipment.
- Once the product is applied, doesn't need safety deadlines, you can make use of the facilities right after disinfecting.
- In one hour you can disinfect 1,600 / 1,750 m².
- The product penetrates into hard-to-reach areas where the operator could not disinfect them with other traditional systems.

29 March, 2022, Madrid

9

CO-VERSATILE has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016070





CO-VERSATILE

Thank you

www.co-versatile.eu

Contacts

Re-usable silicone masks

Eng. Ersilio Lodetti ersilio.lodetti@mlengraving.com

Electrostatic disinfectant spray systems

Cristóbal Rodríguez gerente@tecnostatic.com

