

# Existing supply

19 - 22 May 2020

Poll results

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**Most MS indicated that they are measuring their own supply of PPE, ventilators, test kits and medical equipment. How is this monitoring done?**

0 | 2 | 8

Regular surveys



Ad hoc contacts with industry



Commercial databases



Statistical offices



Other



**More specifically, are you monitoring the supply of the following medical equipment in your country?**

(1/2)

0 | 3 | 0

Test



Test materials (laboratory materials, sample consumables, reagents)



Masks



Gowns



Shoe covers



**More specifically, are you monitoring the supply of the following medical equipment in your country?**

(2/2)

0 3 0

Gloves



77 %

Medical devices



67 %

Medical devices' components and accessories



57 %

## For which products you currently have domestic production?

(1/2)

0 | 2 | 6

Testing kitsTest materials (laboratory materials, sample consumables, reagents)



38 %

Surgical masks/FFP masks



88 %

Non woven



42 %

Non woven machinery



19 %

Gowns



50 %

## For which products you currently have domestic production?

(2/2)

0 | 2 | 6

Goggles



42 %

Ventilators



58 %

Shoe covers



31 %

Medical devices



62 %

Medical devices' components and accessories



54 %

**Two-third of MS indicated that they have strategic reserves. Which products do these cover in your MS?**

(1/2)

0 2 9

Personal protective equipment



Ventilators



Testing kits



Medical equipment



Medicines



**Two-third of MS indicated that they have strategic reserves. Which products do these cover in your MS?**

(2/2)

0 | 2 | 9

Other



**Most MS indicated that they are incentivising the domestic production of medical protective gear, test kits and active substances. Which incentives is your MS using?**

0 2 6

(1/2)

Grants



Loans



Guarantees for purchasing up to 12 months



Support to critical companies to maintain production lines



Agreements with industry to switch production lines



**Most MS indicated that they are incentivising the domestic production of medical protective gear, test kits and active substances. Which incentives is your MS using?**

0 2 6

(2/2)

Matchmaking platforms



46 %

Hackathons/Crowdfunding



27 %

Provision of additional funding for R&I



38 %

Public tenders/calls



50 %

## Do you plan incentivising your domestic production of diagnostic test kits?

0 | 2 | 3

Yes



30 %

No



70 %

## If so, by which means?

(1/3)

0 0 3

- Germany is currently examining how the database for production and supply chains of Testing kits can be further improved. The production of test kits is observed regularly. No funding programs are currently planned.
- The measure "CuraItalia Incentivi", managed by Invitalia (Ordinance 4/2020 published in the Italian OJ of 24 March 2020), supports the production and supply of medical devices and personal protective equipment

(PPE) for the containment and fight against the epidemiological emergency COVID-19, with a budget for companies of 50 million euros. The measure is not specific for Test kits, but for all medical devices and PPE relating to Covid-19 emergency. These measures will be

## If so, by which means?

(2/3)

0 0 3

available to companies that expand and/or re-convert their business into the production of medical devices and/or personal protective equipment through rapid investment programmes. The measure provides for a soft loan at zero interest covering 75% of the expenditure programme, repayable over 7 years.

- Provision of additional funding for R&I. We also want to highlight an initiative from our health cluster (BIOWIN) providing a

matchmaking platform around a wide set of topics: <https://biowin-cooperation-platform-covid-19.b2match.io/> Main goals: 1. Gather and structure the initiatives around urgent themes, 2. Foster interaction between industrial, academic players and other contributors, 3. Consolidate critical masses around these

**If so, by which means?**

(3/3)

0 0 3

themes in order to catalyse and strengthen project development.

Topics addressed: 1. Basic research : physiopathology and molecular studies 2. Epidemiology and modelisation 3. Biobanking 4.

In vitro & In vivo diagnostic approaches (research & clinical validation) 5. In vitro & In vivo diagnostic approaches (industrial production) 6.

Treatment/Vaccines (research & clinical development) 7.

Treatment/Drug repurposing (research & clinical

development) 8. Treatment/Novel therapeutic approaches (research & clinical development) 9.

Manufacturing of drugs (including biologics and vaccines) 10.

Medical devices (research & clinical validation) 11. e-health & Digital Applications (research & clinical validation) 12. Data science & artificial intelligence 13.

Manufacturing and recycling of Personal Protection Equipment (masks, disinfectants and sanitizers, ...) 14. Behaviour and mental health 15. Funding 16. Others

## Obstacles and issues encountered when trying to ramp-up production of testing kits components:

(1/2)

0 | 1 | 8

no shortage



28 %

Reagents:



39 %

Buffer solutions



17 %

Other kit components



11 %

Tests kits



33 %

**Obstacles and issues encountered when trying to ramp-up production of testing kits components:**

(2/2)

0 | 1 | 8

Sample collection consumables



PCR 'Machines'



Consumables and accessories



Other



**Obstacles and issues encountered when trying to ramp-up production of ventilators:  
(1/2)**

0 | 2 | 0

Filters



5 %

Tube sets/Tubing



10 %

Masks



0 %

Accessories



10 %

Components and parts



45 %

**Obstacles and issues encountered when trying  
to ramp-up production of ventilators:  
(2/2)**

0 | 2 | 0

others



**Other medical devices, such as patient monitors or infusion pumps (specify which product):**

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- Supply of infusion pumps has been challenging since the beginning of pandemic. Also syringe drivers.
- Components and parts
- Rather than components certificates and rejection of counterfeits
- Components and parts; automated infusors and infusion pumps
- Shortage on infusion pumps and disposables
- Humidifiers
- GER: Components and parts

began an issue as a consequence of pandemic outbreak and public “lock down” in other countries and in particular in Asia, export stops, and worldwide increased demand

**Other issues: which is the most pressing issue in your country?**

0 | 2 | 3

Shortage of machinery used in production lines and which type



Intellectual property problems



Lack of capacity of Notified Bodies for certification of products



Lack of capacity of testing laboratories for medical equipment



## If lack of capacity of Notified Bodies for certification of products: for which products?

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- The issue of notifying bodies was also pre pandemic let alone now - mainly medical devices as for PPEs not mandatory
- LV - No testing laboratories for medical equipment: laboratory that can perform medical mask EN 14683 testing (any of tests - Bacterial Filtration Efficiency (BFE), Differential pressure, Resistance to penetration, Microbial Cleanliness)
- Both protective eq. (149) and medical devices.

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## Lack of capacity of testing laboratories for medical equipment: for which products? For which standards? Which specific tests?

- medical mask EN 14683 testing
- disinfection
- In HR, so far there is no Certification Body. However, the establishment of the first such body in Croatia is in the process. It is expected that this process will not be completed until 2021 since new rules established by the Commission have to be met.
- FFP3/2 as per test report presented Most medical devices
- PCR tests