



We are well into the second phase of the corona pandemic. Everyone is being asked to contribute to defeat the virus together. One of the ways each of us can stop the spread is by wearing a face mask. Meanwhile, there are many different face masks in circulation so it becomes difficult to see the forest for the trees.

How and who does the mask protect? Which mask to choose in which situation? How do you recognize approved masks? How to make a mask that is comfortable to wear and protects at the same time?

Centexbel, VITO and the FTILab+ of HOGENT joined forces to clarify this issue and thus the Covid-PBM project was launched in October. Covid-PBM stands for Personal Protective Equipment - Comfortable and Safe on the Workplace and in Crowded Environments, and is subsidized by VLAIO. This project will run for one year.

The aim is to gain a better understanding of materials selection and fit so that companies can make the better choice for their mask production. Different materials, shapes and sizes in oral masks are being looked at in detail for this purpose.

To date, less emphasis has been placed on the comfort of masks. In Covid-PBM, we are studying both professional (surgical and FFP) and various community masks and will effectively test various models and fits for their comfort during wearing tests at school and in the operating environment.

At the end of the project, we intend to develop and disseminate targeted guidelines for materials, comfort and fit, which will complement the knowledge surrounding technical requirements and certification.

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**We would like to invite you to the presentation of the Covid-PBM project during the online event
on December 17 at 10 am, with an overview of the first results.**



ONLINE REGISTRATION

<https://www.centexbel.be/nl/agenda/voorstelling-covid-pbm-project>

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