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*We wish you a merry Christmas
and a happy New Year*

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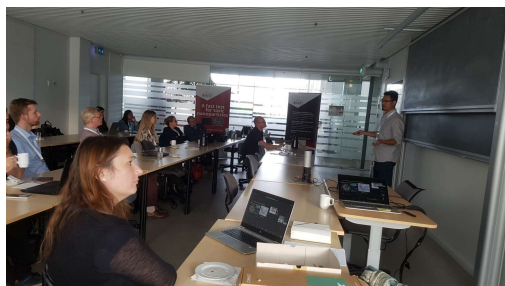
Dear Readers

This is our good bye newsletter from the CheckNano project. We highlight outputs and give an overview on follow up activities.

Please share this newsletter with interested parties.

Yours sincerely,

Katharina on behalf of the CheckNano team



A three-year project paves the way to new scientific investigations

The end of a project, but the start of many new ideas. Our final conference was very successful and

Nanosilver particle detection via a fast test was the topic of the CheckNano project. As nanoparticles are used in many applications to improve products, it is crucial to control the size of the particles in use. [Read on](#) what we discussed and what our guests contributed about detecting plastic particles in natural environments.

Participants received a link to the presentations.



Our nanoparticle separation kit (NanoSeK) has the potential to become a cheap and easy test for nanoparticles down to 20 nm. The particle separation happens via size-tailored polymer (PDMS) imprints.

[Read more.](#)

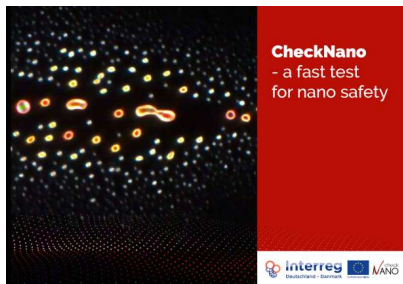


How do we proceed?

Our tests were very encouraging, and we like to proceed with the work and test for nanoparticles in the environment. Here nano plastics gain more interest as the plastics exposed to the environment degrade and decompose into nanoplastics. We're interested in finding out more about the transformations particles undergo. The EU Horizon programme has a call that fits very

met in the CheckNano project will contribute to preparing an EU application.

With the CheckNano project, we established the foundation we can now build. With high-resolution imaging, we believe it is possible to characterise and quantify nanoplastics in complex matrices and determine their transformations. The toolbox developed in CheckNano will test realistic in vitro models to address current gaps in nanotoxicology.



Our brochure is available in three languages

It gives an overview in a format meant for non-specialists. It informs about the detection ways we investigated to distinguish between particles of different sizes by filtering techniques and optical detection. The applications are not restricted to silver nanoparticles.

Find it [here](#) in English, Danish and German.



CheckNano is funded by the European Regional Development Fund.

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