

New insights into the use of a clean technology for addressing the global microplastic pollution with reduced by-products.

Prof Joydeep Dutta and his team has together with PP Polymer AB released an article about the Innovative nanocoating technology deveveloped by KTH that harnesses sunlight to degrade microplastics. The paper is [online](#):

"Our study demonstrates rather positive results towards the effectiveness of breaking low-density polyethylene, with the help of our nanocoating under artificial sunlight. In practice this means that once the coating is applied, microplastics will be degraded solely through the help of sunlight. The results provide new insights into the use of a clean technology for addressing the global microplastic pollution with reduced by-products." explains Prof. Joydeep Dutta, KTH Royal Institute of Technology.

Read [official public release at pensoft publishers](#):