

# PLASTIX

ALEXIOU & TRYDE  
Design and Technology



## INNOVATION FUND DENMARK AWARDS 2020

Innovation Fund Denmark gave Alexiou & Tryde, AddiFab and Plastix a job in which they had to produce 5 statues for the winners of the Innovation Fund Awards 2020 on February 7<sup>th</sup>. Plastix delivered the material – a reusable plastic based on old fishing nets, AddiFab oversaw production and Alexiou & Tryde designed the statues.

[Plastix](#), a leading Danish distributor of plastic materials based on reuse of fishnets, ropes and other maritime disposal, used their OceanIX rPPC Green 210-001 (OceanIX Green), which created the beautiful deep green color the statues have.

[Alexiou & Tryde](#), designed the statues and made certain that they had the right measurements, engravings and more. By the result of their design AddiFab could produce the statues in Plastix's material.

[AddiFab](#), produced the product with Freeform Injection Molding (FIM), a platform that makes it possible to 3D Print dissolvable molds, which were injected with OceanIX Green and at last dissolved. Following the dissolvement, the Innovation Fund Denmark collected 5

lovely statues in a deep green color, which the winners of the 2020 award show received.

The FIM platform is based on 3 main steps:

- Print the mold
- Inject it with the wished material
- Dissolve it to release the molded component



[The Danish Innovation Fund](#), which invest in the development of new knowledge and technology was behind the project and could hand out the beautiful statues on February 7<sup>th</sup> 2020 to the winners of the following categories:

- Innovation Price 2020
- Grand Solutions Price 2020
- Industry Prices 2020

The great video of the process was produced by [imagine](#) and it is available on the following link: [https://www.linkedin.com/posts/addifabceo\\_sustainableam-freeforminjectionmolding-recycledplastics-activity-6636641861425520640-9ao5](https://www.linkedin.com/posts/addifabceo_sustainableam-freeforminjectionmolding-recycledplastics-activity-6636641861425520640-9ao5)