



MARIKAT

New catalytic enzymes and enzymatic processes from the marine microbiome for refining seaweed biomass

Portfolio of Outputs and Next Steps

https://matis.is/en/matis_projects/marikat/

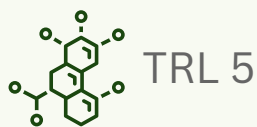


Project consortium includes 3 SMEs:



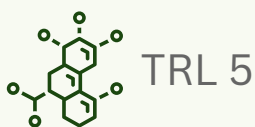
Outputs

Novel enzyme product 1



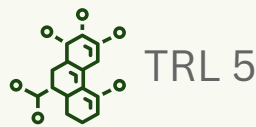
Branched laminarin oligo-saccharides of defined size and structures.

Novel enzyme product 2



Sulfated oligosaccharides from fucoidan.

Novel enzyme product 3



Sulfated oligosaccharides from ulvan.

Novel enzyme product 4



Alginate oligosaccharides.

Next Steps

Scale up enzyme production

HEU Project funded to reach higher TRL

SEAMARK
Seaweed-based Market Applications

<https://seamark.eu>

Apply for provisional patent