

SPOKE	Spoke 8 – Maritime, marine and inland water technologies: towards the Digital Twin of the Upper Adriatic
Project acronym	AS3D
Project title	Automatic Sustainable Sampling and Storage Device
Key-words	Minilab, bacterial nanocellulose, automatic sampling, sustainability
Enterprise type	3 partners: 2 SME and 1 Public Research Institute
Duration	12 months
Total project budget (€)	257.499,67 €
Total grants requested (€):	195.578,81 €
Abstract	<p>AS3D is a project focused on the creation of a mini lab that can work in depth to carry out autonomous sampling in an operational environment.</p> <p>The other innovation concerns the creation of carriers and test tubes with bacterial nanocellulose as a support for the conservation and storage of samples.</p> <p>The coexistence of the two elements can represent a milestone for the creation of supports that can work in extreme conditions, using biosustainable and generative materials, with biocompatible characteristics, also limiting the use of chemicals in delicate ecosystem environments such as the marine one.</p>
Initial TRL	4
Final TRL	7