

BlueBio Training course: “Blue Bio-refinery technologies: from research to the industry with applications on products and biomaterial from algal biomass and sidestreams of fisheries and aquaculture”, January 15-18 2023, UNIFG, Foggia (Italy).

Sunday 15th January	Monday 16th January	Tuesday 17th January	Wednesday 18th January
	<p>Moderator: Gianna Fabi (CNR, Italy)</p>	<p>Moderator: Dennis Lisbjerg (DTU-AQUA, Denmark)</p>	<p>Moderators: Majbritt Bolton-Warberg (Marine Institute, Ireland), Renata Denaro (CNR, Italy)</p>
<p>Arrival</p>	<p>8.45</p> <p>Welcome & Programme presentation <i>Prof Matteo Francavilla</i></p> <p>Institutional greeting from Rector of University of Foggia <i>Prof Pierpaolo Limone</i></p> <p>and</p> <p>Head of Department of Agriculture, Foods, Natural Resources and Engineering <i>Prof Milena Sinigaglia</i></p> <p>9.00</p> <p>BlueBio ERANET Cofund Project coordinator, RCN Norway <i>Dr Kristin Elisabeth Thorud</i></p> <p>and</p> <p>Task 7.3 Leader, CNR, Italy <i>Dr Bernardo Patti</i></p>	<p>8.45</p> <p><i>Wrap-up by trainees</i></p>	<p>8.45</p> <p><i>Wrap-up by trainees</i></p>
	<p>Module 1</p> <p>Seaweeds Blue-Biorefinery</p>	<p>Module 2</p> <p>Fishery and Aquaculture Biowastes Blue-Biorefinery</p>	<p>Module 3</p> <p>From Academia to Industry:</p>

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	<p>9.30</p> <p>Green Chemistry and Biorefinery</p> <p><i>Prof Rafael Luque</i> <i>University of Cordoba, Spain</i></p>	<p>9.00</p> <p>Biochemical conversion of fishery bio waste into value products</p> <p><i>Prof Lene Lange</i> <i>Bioeconomy Research & Advisor</i> <i>Denmark</i></p>	<p>9.00</p> <p>BlueBio projects presentation. Constraints to reach the market (by remote)</p> <p>MEDSPON Project</p> <p><i>Dr. Joachim Henjes,</i> <i>Alfred Wegener Institute, Bremerhaven,</i> <i>Germany</i></p> <p>BIOZOOSTAIN project</p> <p><i>Prof. María Guðjónsdóttir,</i> <i>Faculty of Food Science and Nutrition,</i> <i>University of Iceland,</i> <i>Reykjavík, Iceland</i></p> <p>BestBrood project</p> <p><i>Dr Jorge Galindo-Villegas</i> <i>Faculty of Biosciences and Aquaculture,</i> <i>NORD University</i></p>

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			<i>Bodø, Norway</i>
			InEVal Project <i>Dr Matthew Slater, Alfred Wegener Institute, Bremerhaven, Germany</i>
	10.30 Marine Based Green Chemistry (TBD)	10.00 Unlocking the potential of crustacean waste: solvent-free, mechanochemical pathways to added-value materials <i>Prof Audrey Moores McGill University, Canada</i>	10.00 Seaweeds aquaculture and derived products market potential <i>Dr Rita Araujo, Joint Research Centre, EC</i> (TBC) Derived products market potential from fishery discards/biowaste: the EU level perspective <i>Mr Maris STULGIS</i>

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			<i>Policy officer on Blue Bioeconomy, Algae and Marine Aquaculture EC Directorate-General for Maritime Affairs and Fisheries, Brussels, Belgium</i>
	11.30 Coffee break	11.00 Coffee break	11.00 Coffee break
	12.00 Mediterranean Seaweed biorefinery for valuable compounds and advanced materials <i>Prof Matteo Francavilla University of Foggia, Italy</i>	11.30 Shellfish conversion to advanced material <i>Prof Giuseppe Falini University of Bologna, Italy</i>	11.30 Technology Transfer and function of Mediterranean Innovation Alliance for Sustainable Blue Bioeconomy (MedIA-SBB) <i>Dr Cristian Chiavetta ENEA, Italy</i>
	12.30 Bio-plastic from seaweeds <i>Dr Oystein Arlov SINTEF, Trondheim, Norway</i>	12.30-18.00 Visit to IMTA Plant (FEAMP Research Project, UNIFG) Packed Lunch and transfer to North Gargano, Adriatic Sea	12.30 Case Studies: Fishery Biowaste industrial conversion <i>SEAGARDEN Norway</i>

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			(TBC)
	13.00 Hydrocolloids from seaweeds <i>Dr Havard Sletta</i> <i>SINTEF, Trondheim, Norway</i> (by remote)		13.00 Biostimulants from seaweeds <i>Dr Valentino Russo</i> <i>South Agro, Taranto, Italy</i>
	13.30 Lunch		13.30 Lunch
	15.00-18.00 Biorefinery Lab Activity STAR*Facility Centre-University of Foggia		15.00 Practice on biorefinery process planning based on the day-lectures Teamwork Discussion

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From 16.00 Welcome, technical details, organization, program, get together, query about expectations			17.00 Final test Certification from UNIFG
	18.00 End of Day 1	18.00 End of Day 2	18.00 End of Day 3
19.00 Ice breaking presentation 2' per student	Site visit (Foggia)	Site visit (Gargano)	
20.00 Social dinner event	20.00 Social dinner event	20.00 Social dinner event	

