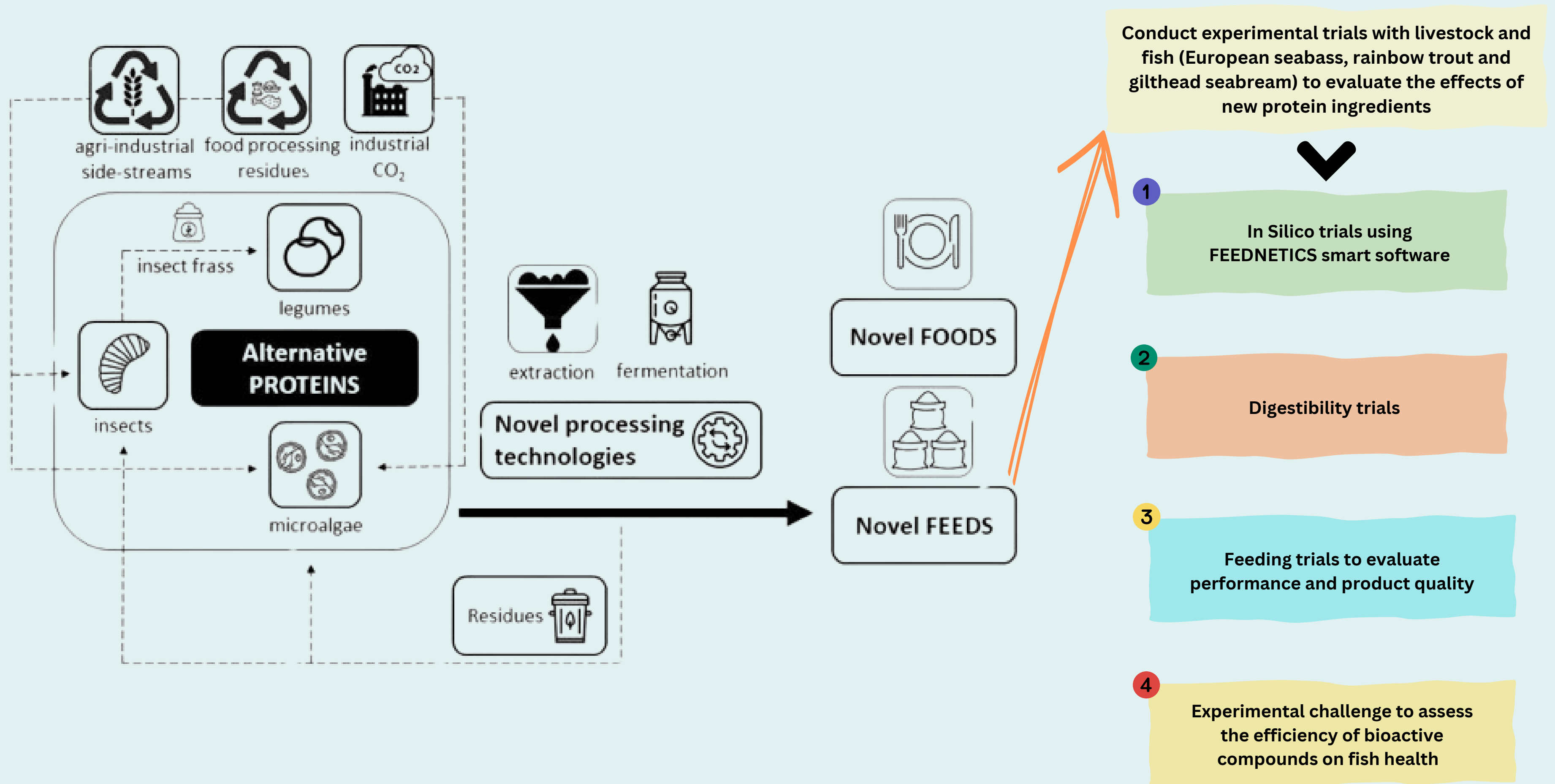


G.M Cusimano¹, S. Paolacci¹, J.C. Chiang¹, S. Deguara¹, L. Gasco², F. Gai³, W. Fraihi⁴, M. Gastli⁴, M. Bravo Cadena⁵, L. Conceição⁶, T. V. Poletto⁶, E. Gronich⁷, C. Rumbos⁸, I.T Karapanagiotidis⁸, C. Athanassiou⁸

¹AquaBioTech Group Mosta, Malta; ²University of Turin, Turin, Italy; ³Italian National Research Council, Turin, Italy; ⁴nextProtein, Ariana, Tunisia; ⁵AE Agribiologics S.L., Alcobendas, Spain; ⁶SPAROS Lda, Olhão, Portugal; ⁷Flying Spark LTD, Rehovot, Israel; ⁸University of Thessaly, Laboratory of Entomology and Agri-cultural Zoology, Volos, Greece;

The Project

CIPROMED aims to extract high-quality protein ingredients for food and feed from agri-industrial residues, insects, legumes, and microalgae using sustainable processes. The project runs for three years (May 2023/ April 2026) and brings together 17 partners from 10 countries.



Planned Fish Trials

	Digestibility	In-silico performance	In-vivo Performance	Experimental challenge	Product quality
	2 test ingredients: black soldier fly (BSF) and spirulina	Predictions of growth, FCR and waste production using alternative formulations, with FEEDNETICS smart software	Growth trials at fingerling stage testing 7 diets (CTRL + 6 mixtures at different ratio of the two novel ingredients)	Testing the effect of the experimental diets against <i>Vibrio</i> on European seabass and <i>Aeromonas</i> on rainbow trout	Growth trial up to commercial size (300-350g) testing the CTRL + the 3 best performing diets of the growth trial
			 <i>Dicentrarchus labrax</i> <i>Oncorhynchus mykiss</i>	 <i>Dicentrarchus labrax</i> <i>Oncorhynchus mykiss</i>	 <i>Dicentrarchus labrax</i>
			 <i>Oncorhynchus mykiss</i>		 <i>Oncorhynchus mykiss</i>
			 <i>Sparus aurata</i>		 <i>Sparus aurata</i>
			 <i>Dicentrarchus labrax</i> <i>Oncorhynchus mykiss</i> <i>Sparus aurata</i>		

