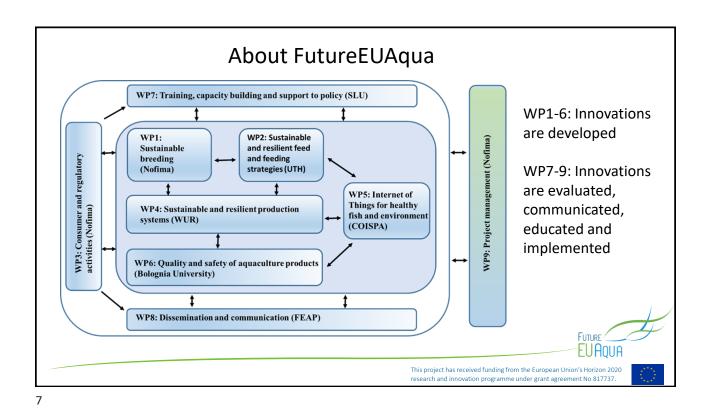


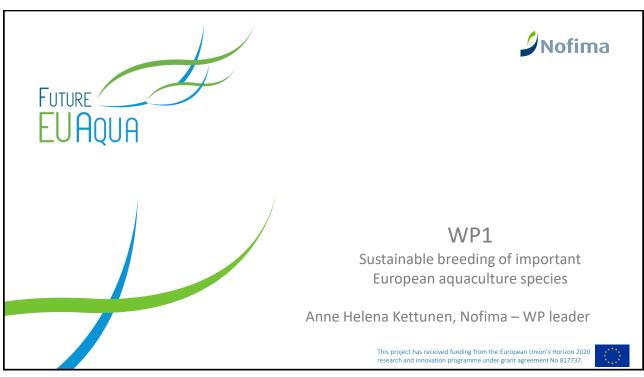
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RTD	SME	OTHER
 Nofima (Coordinating) SLU - Swedish University of Agricultural Sciences DTU Aqua - Technical University of Denmark WR – Wageningen University Alma mater Studiorum – University of Bologna 	 Danish Salmon SalMar Farming Aller Aqua Group A/S COISPA Tecnologia & Ricerca Scarl Economia del Mare Alintel Srl AlmaPlasma Tagliapietra e figli srl 	 Salmobreed Benchmark Genetics Norway AS Galaxidi Marine Farm S.A. Irida SA Nireus Aquaculture SA Associations
6. Università Politecnica delle Marche	 9. Kefalonia Fisheries S.A. 10. Cibo e Salute Srl 	1. FEAP 2. IFOAM
 Instituto Zooprofilattico sperimentale delle Venezie University of Thessaly HCMR - Hellenic Centre for Marine Research University of Haifa Cambden BRI Panepistimio Dytikis Attikis 	 Marin BIOGAS Vork Dambrug Osland Havbruk 	FutureEUAqua has 32 Partners from 9 countries

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817737.



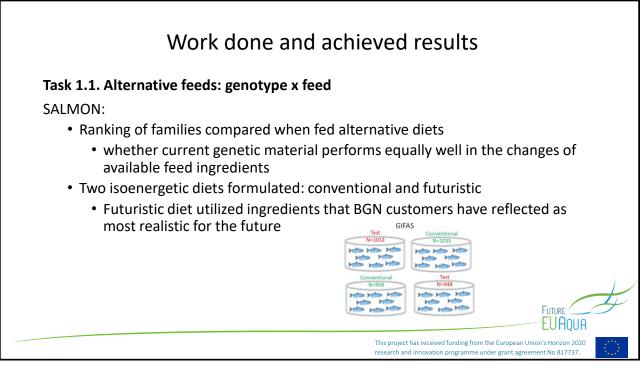


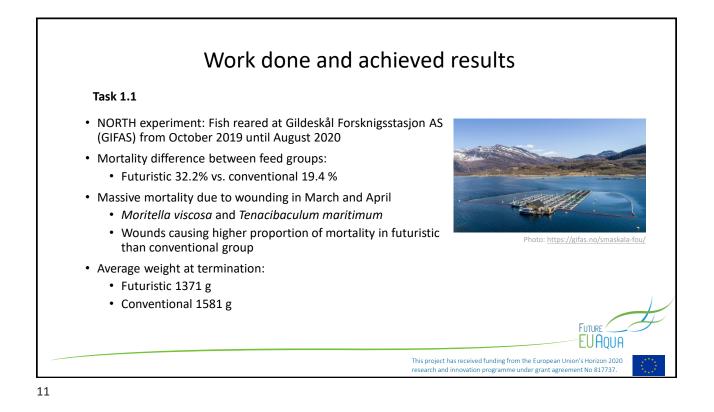
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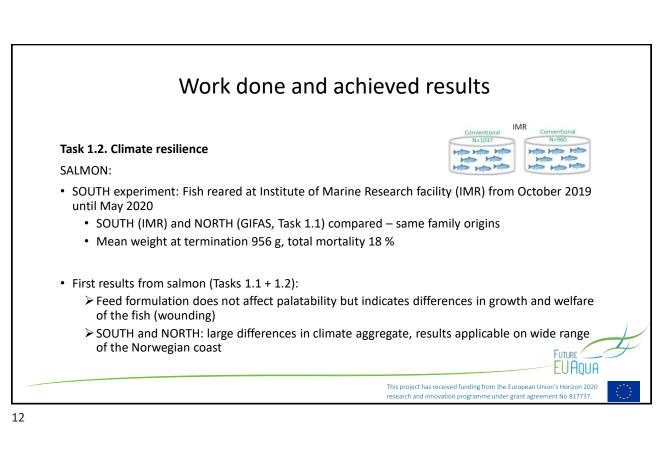
Objectives

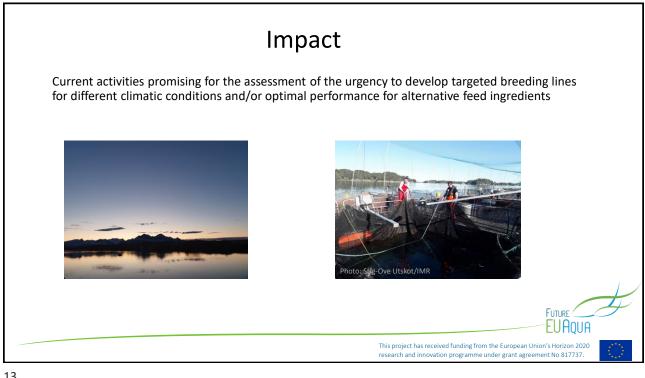
To **assess**, **validate** and **demonstrate** the ability of the current breeding programs, their breeding goals and methodologies in four of the main European aquaculture species to answer the future challenges of:

- 1. Increased need for utilization of alternative feed sources in aquaculture feeds.
- 2. Need for resilience in the face of climate changes.
- 3. Maintained and increased animal welfare through robustness and disease resistance.
- Species
 - ✓ Atlantic salmon; Benchmark Genetics, Norway
 - ✓ European seabass; Nireus
 - ✓ Gilthead seabream; Nireus
 - ✓ Rainbow trout; Osland stamfisk









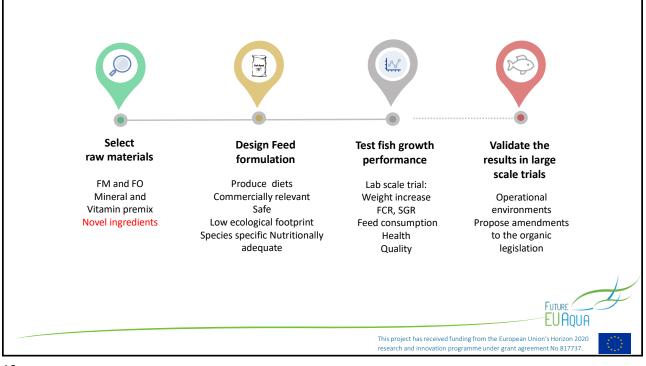


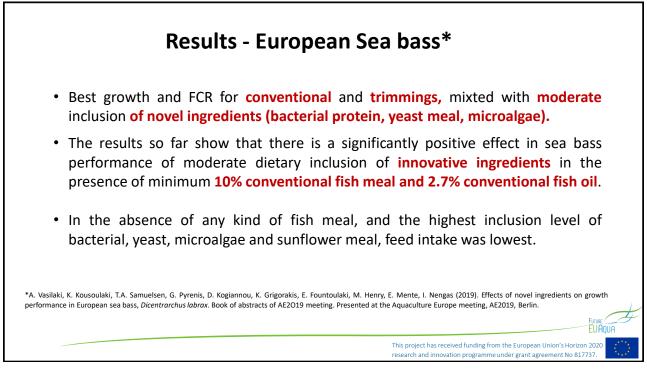
FUTURE _____

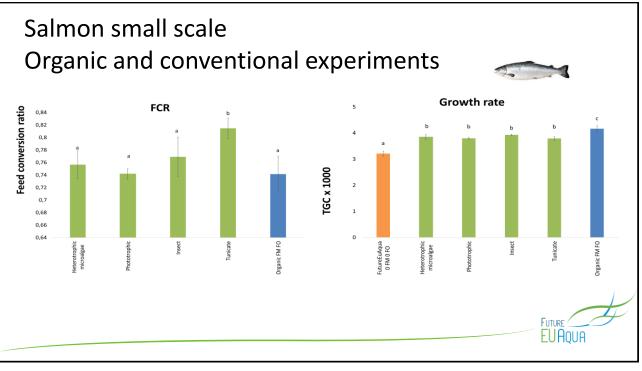
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Objectives

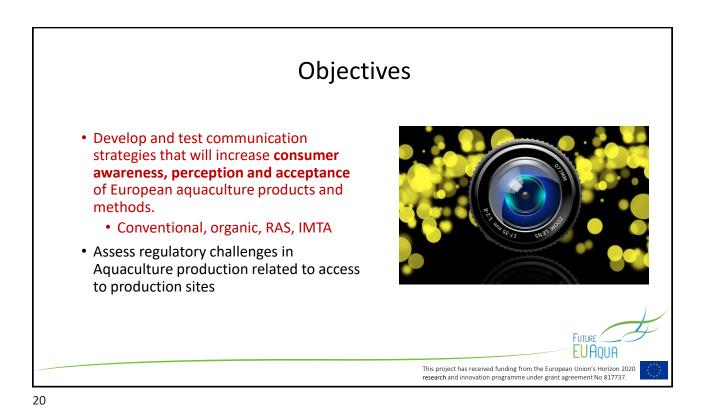
- Verify the **breeding potential** for nutrition and health/welfare in fish that will enable sustainable and resilient aquaculture
- Fine-tune **feed formulations** for optimized and better performing conventional and organic aquaculture, ensuring nutritional quality and safety of the final product
- Verify the potential of innovative **low ecological footprint** aquafeeds in terms of fish performance and health in large scale farm level for well-established farmed species.
- Assess the potential of fish microbiome to enhance health and productivity of farmed species

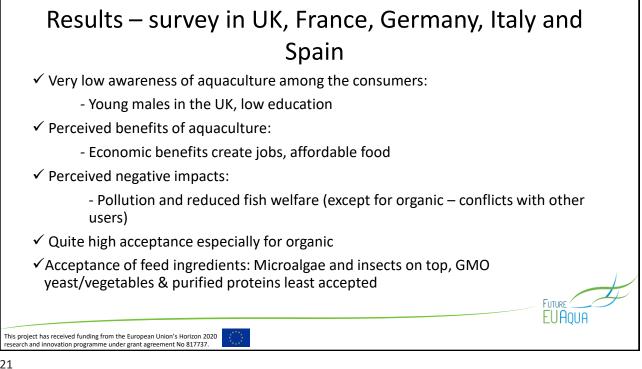












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