ParaFishControl

ParaFishControl - Academia and Industry Unite in EU-Funded Project to Tackle Parasitic Diseases in Farmed Fish

28 PARTNERS | 13 COUNTRIES

WWW.PARAFISHCONTROL.EU

Designed & Developed by **AquaTT** www.aquatt.ie

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ParaFishControl's overarching goal is to increase the sustainability and competitiveness of the European aquaculture industry by improving our understanding of fish-parasite interactions and by developing innovative solutions and tools for the prevention, control and mitigation of the most harmful parasitic species affecting the main European farmed fish species.

THE CHALLENGE

Aquaculture is the fastest growing food producing sector worldwide, providing half of all aquatic animals for current human consumption. If responsibly developed and practised, aquaculture can generate lasting benefits for global food security and economic growth.

Parasites and related infections can cause significant damage to farmed fish resulting in poor growth performance, impaired welfare and high mortality rates, which can significantly hamper aquaculture production and economic performance. **Disease prevention and disease management** are therefore essential for the sustainability of the aquaculture industry.

AT A GLANCE

PROGRAMME:
Horizon 2020 (H2020-SFS-10a-2014)

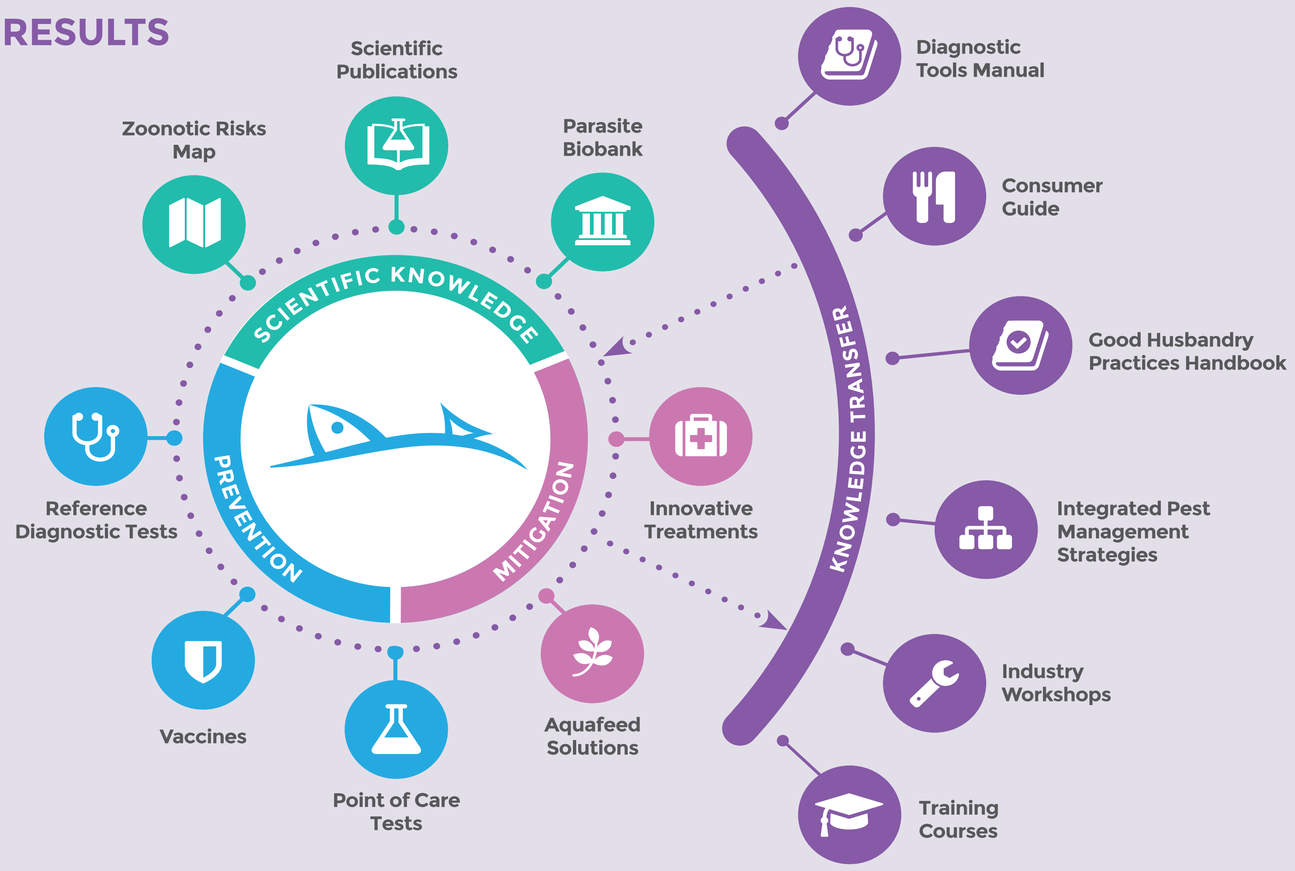
INSTRUMENT:
Research and Innovation Action

DURATION:
April 2015 – March 2020 (60 months)

CONSORTIUM:
29 partners from 13 countries

COORDINATOR:
Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC), Spain

EXPECTED RESULTS

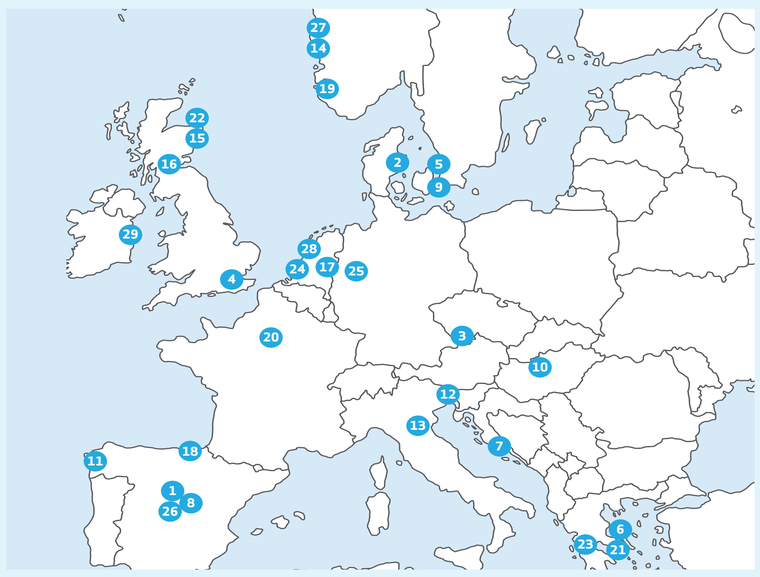


ADDRESSING THE CHALLENGE

ParaFishControl aims to strengthen the applied knowledge base for parasites of European farmed fish, bridging the gap between fundamental knowledge of parasite biology, host-parasite interactions and the development of practical applications for the prevention, diagnosis and treatment of the principal parasitic diseases, as well as characterising transfer of parasites between wild and farmed fish populations.

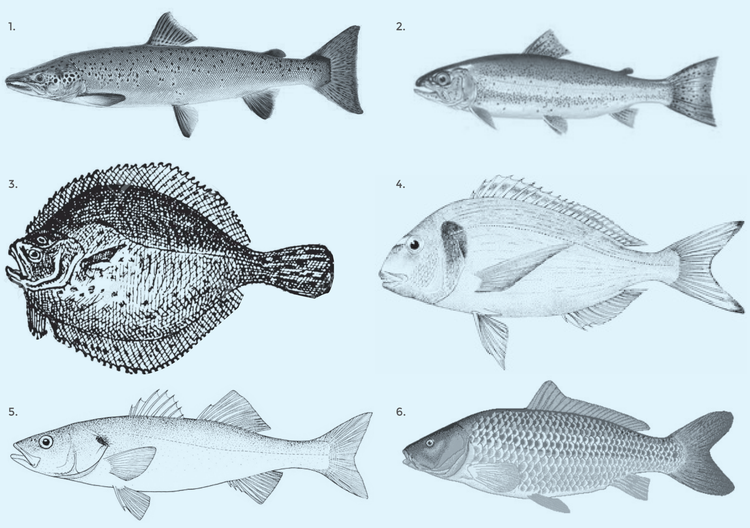
Activities in **ParaFishControl** will be carried out over five years in working groups arranged into nine work packages which are cross-cutting and integrate fish host species and their parasites.

ParaFishControl will carry out a dynamic programme to ensure dissemination of the research findings to a variety of stakeholders such as scientists working in academia or industry, fish farmers/growers, fish health professionals, agricultural advisors, breeders, consumers and policy makers as well as the public.



CONSORTIUM

1. Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC)
2. Aarhus Universitet (AU)
3. Biology Centre of the Academy of Sciences of the Czech Republic (BCAS)
4. Centre for Environment, Fisheries and Aquaculture Science (Cefas)
5. Danmarks Tekniske Universitet (DTU)
6. Hellenic Centre for Marine Research (HCMR)
7. Institut za oceanografiju i ribarstvo (IOR)
8. Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)
9. Københavns Universitet (KU)
10. Magyar Tudományos Akadémia (MTA)
11. Universidade de Santiago de Compostela (USC)
12. Università degli Studi di Udine (UNIUD)
13. Alma Mater Studiorum Università di Bologna (UNIBO)
14. Universititet i Bergen (UiB)
15. University of Aberdeen (UNAB)
16. University of Stirling (UoS)
17. Wageningen University (WU)
18. AZTI-Tecnalia (AZTI)
19. Skretting Aquaculture Research Centre AS (SKRET)
20. INRA Transfert (IT)
21. Panos Christofilogiannis-Ioannatavla O.E (AQUARK)
22. Vertebrate Antibodies Limited (VAL)
23. Andromeda Group (ANDRO)
24. ZF-screens BV (ZF-S)
25. W42 GmbH Industrial Biotechnology (W42)
26. Inmunología y Genética Aplicada S.A. (INGENASA)
27. Stiftelsen Industrilaboratoriet (ILAB)
28. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW)
29. AquaTT UETP Ltd (AquaTT)



From left to right: 1. Atlantic Salmon, 2. Rainbow Trout, 3. Turbot, 4. Seabream 5. Seabass, 6. Common Carp

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