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Bath Treatments: Silver Bullets to Jigsaw Pieces

Jason Collins

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FishVet Group

Bath Treatments: Silver Bullets to Jigsaw Pieces

Jason Collins

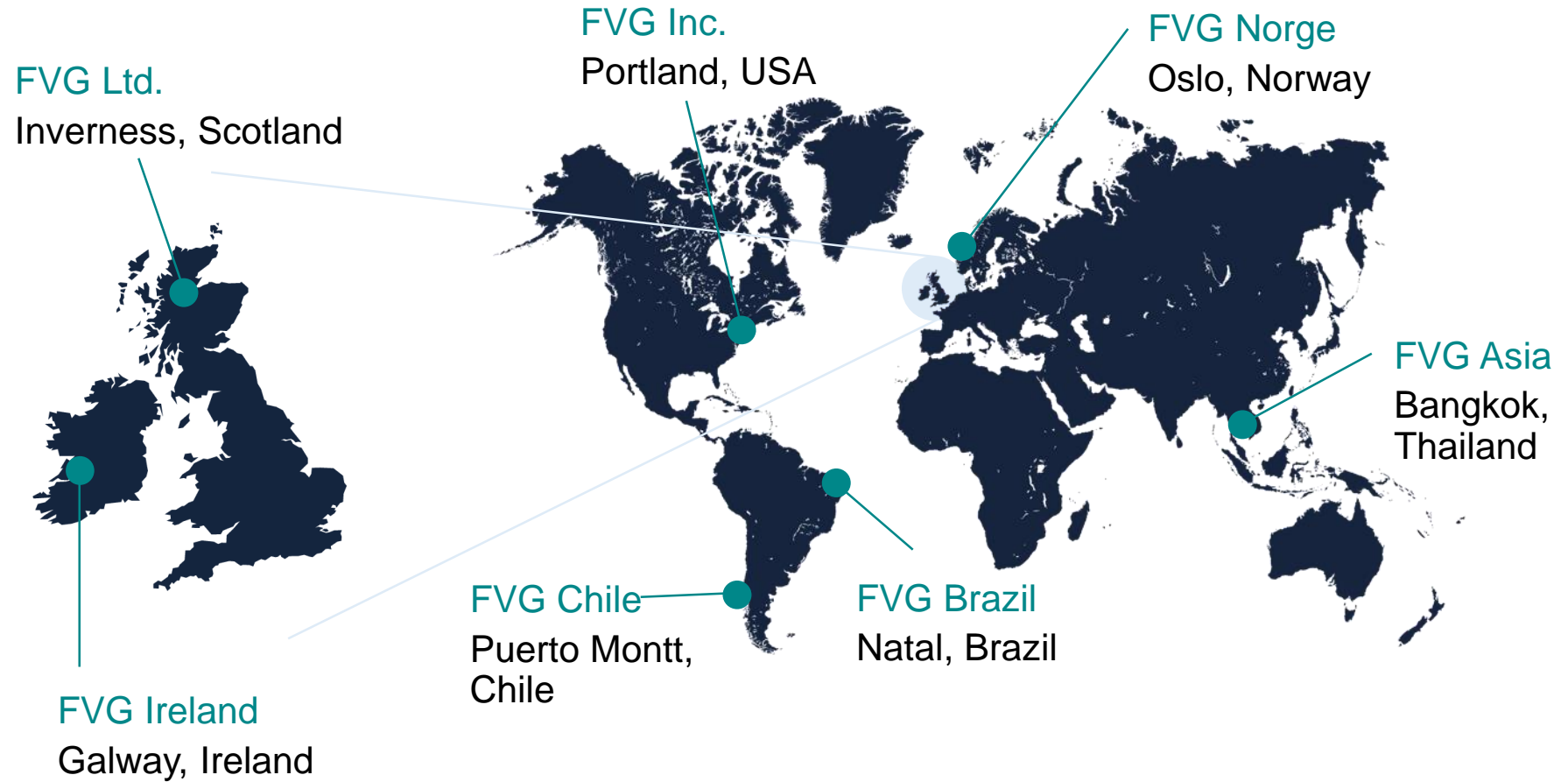


A Benchmark
Company





LOCATIONS & FACILITIES





Bath Treatments – from silver bullets to jigsaw pieces

Available Medicines

Medicine	Trade Name	Years Available			
		Norway	Scotland	N. America	Chile
Emamectin benzoate	Slice	15+	15+	15+	15+
Hydrogen peroxide	Paramove	15+	5+	4+	2
Deltamethrin	Alphamax	10+	X	X	10
Cypermethrin	Betamax	10+	6+	X	7
Teflubenzuron	Ectobann (skretting)	15+	X	X	X
Diflubenzeron	Releeze (Cargill)	15+	X	X	7
Azamethiphos	Salmosan	20+	2-+	10+	4
Lufenuron	Invixa	X	X	X	1



Bath Treatments – from silver bullets to jigsaw pieces

Available Medicines – Reduced Sensitivity

Medicine	Trade Name	Reduced Sensitivity?			
		Norway	Scotland	N. America	Chile
Emamectin benzoate	Slice	Yes	Yes	Yes	Yes
Hydrogen peroxide	Paramove	Yes	Yes	Yes	No
Deltamethrin	Alphamax	Yes	X	X	Yes
Cypermethrin	Betamax	Yes	Yes	X	Yes
Teflubenzuron	Ectobann (skretting)	Yes	X	X	X
Diflubenzeron	Releeze (Cargill)	Yes	X	X	?
Azamethiphos	Salmosan	Yes	Yes	Yes	No
Lufenuron	Invixa	X	X	X	?



Bath Treatments – from silver bullets to jigsaw pieces

Available Medicines – Reduced Sensitivity

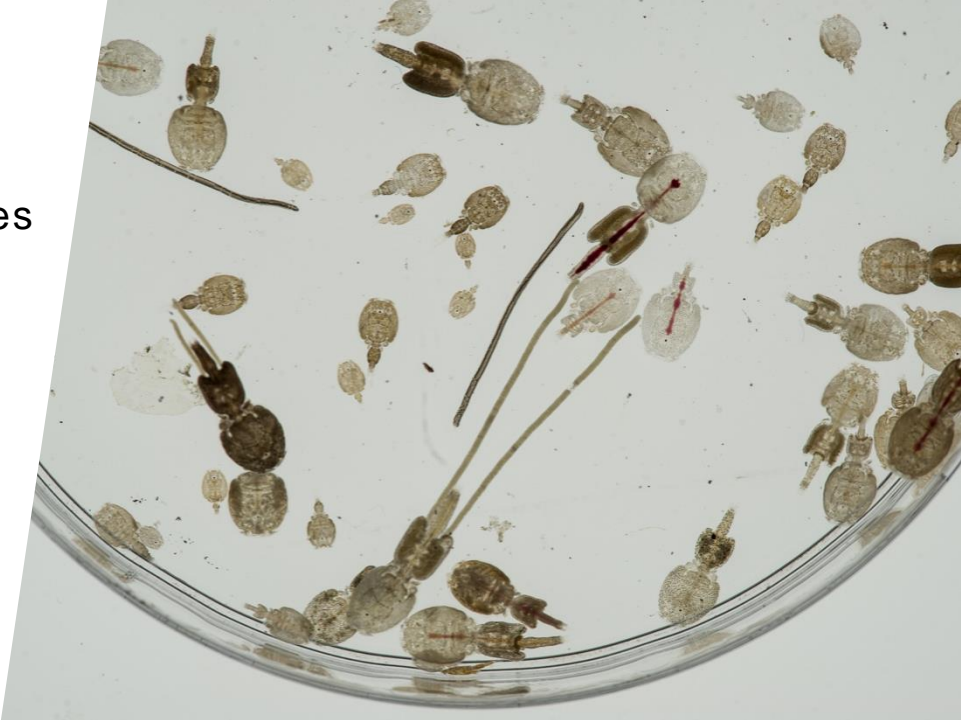
Medicine	Trade Name	Reduced Sensitivity?			
		Norway	Scotland	N. America	Chile
Emamectin benzoate	Slice	YES!			
Hydrogen peroxide	Paramove				
Deltamethrin	Alphamax				
Cypermethrin	Betamax				
Teflubenzuron	Ectobann (skretting)				
Diflubenzeron	Releeze (Cargill)				
Azamethiphos	Salmosan				
Lufenuron	Invixa				



Bath Treatments – from silver bullets to jigsaw pieces

Non-Medicinal Options





- ▀ Sea Cage “Skirts”
- ▀ Sea Cage Snorkels
- ▀ Sea Cage Bubble Barriers
- ▀ Thermal Treatments
- ▀ Laser Treatments
- ▀ Sea lice traps

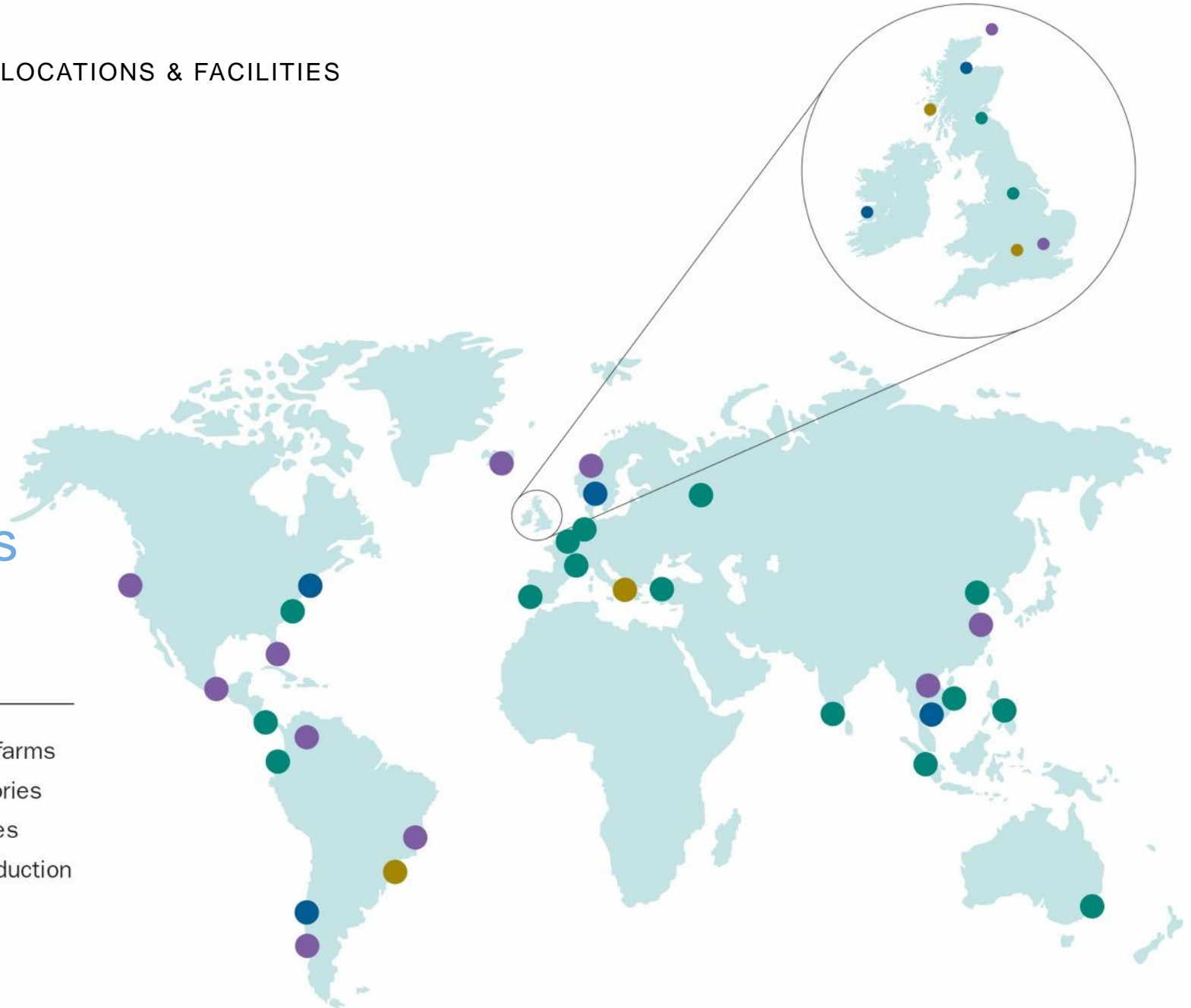




BENCHMARK LOCATIONS & FACILITIES

Operations
in 27
countries

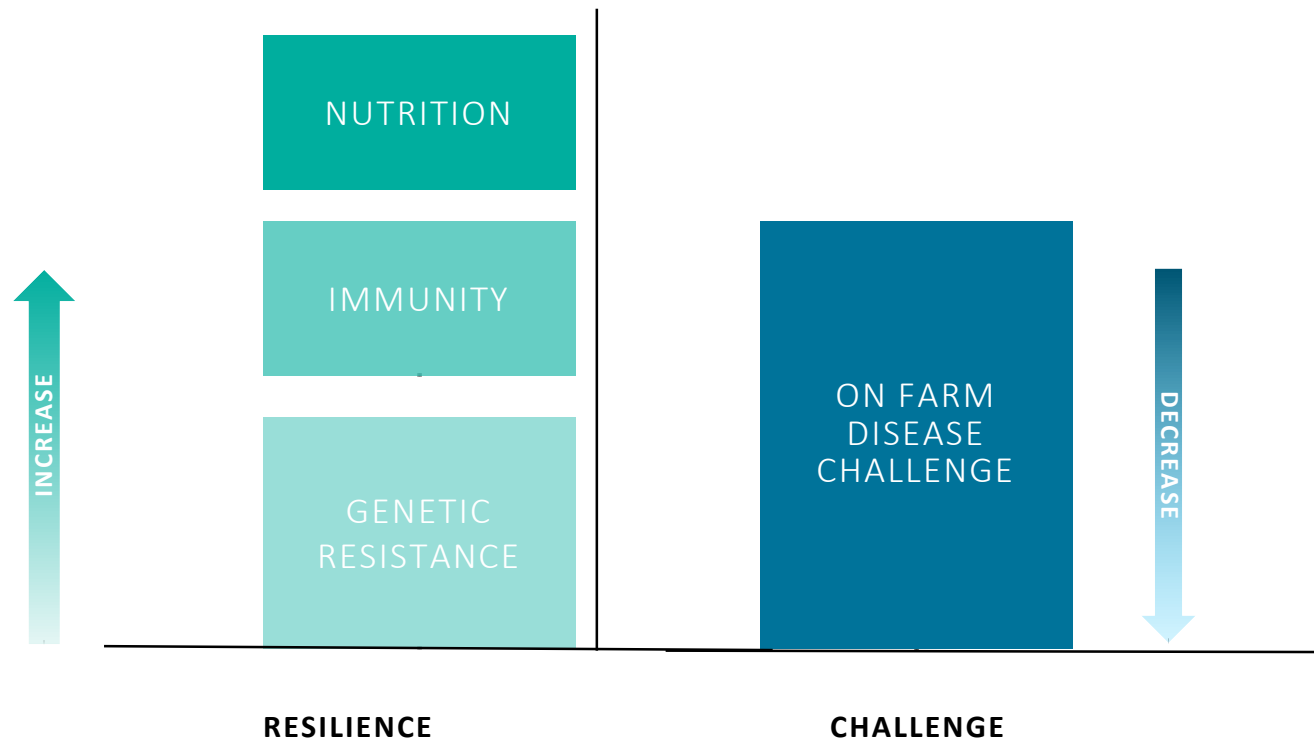
-  R&D facilities and farms
-  Diagnostic laboratories
-  Commercial services
-  Manufacturing/production





Bath Treatments – from silver bullets to jigsaw pieces

The Future – The Benchmark balanced approach





Bath Treatments – from silver bullets to jigsaw pieces

The Future – A holistic, balanced approach





FishVet Group

Thank you for
listening

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