

Development of high-quality aquatic product species adapted to global boiling conditions

(Regional Fish Institute, Ltd.)



○ Business Plan

The rise in seawater temperatures caused by global boiling is leading to increased mortality and reduced growth rates in aquatic products, posing serious problems for aquaculture operators. To address this issue, the project aims to ensure a stable supply of high-performing aquatic products under high-temperature conditions by utilizing breeding technologies, including genome editing, to develop superior species adapted to climate change.

○ Research Outline

To develop superior species adapted to global boiling, the project will target multiple fish species and conduct performance evaluations—including growth and survival rates—through production trials. It will also develop scalable production technologies to support future commercialization of these improved species.

City	Year of Establishment	Founder
Matsumoto, Nagano	2019	Tadanori Umekawa

Partner VC	Latest round of Fundraising	Valuation
-	Series C	Non-Disclosure

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Food & Agriculture	DMP 2025～2028FY	JPY 2,499 million	-

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