

PRODUCT DEVELOPMENT & INDUSTRIAL SETTLEMENT

Timeline: 03/2021 - 12/2021
Budget: €22.1k

Startup

aquapurna

- Name: Aquapurna GmbH
- Founded: 11/2020
- Tagline: Land-based shrimps farming
- Location: K+S, Innopark Siegmundshall, Wunstorf, Germany

Industry partner



- Name: K+S AG
- Founded: 10/1889
- Tagline: Salt, potash & magnesium producer
- Headquarter: Kassel, Germany

The problem

The missing availability of a cost-efficient salt premix for land-based aquaculture, that converts fresh water into high-performing salt-water suitable for land-based shrimp production.

The solution

The joint approach of K+S, with more than a century of experience in handling salt products, and Aquapurna, a startup with in-depth knowledge of shrimp requirements, guaranteed a successful product development to convert fresh water into salt water suitable for shrimp farming.

Project deliverables

- Evaluation of approaches to develop a salt premix & testing the of the developed premix
- Technical conception for saline water supply of Aquapurnas facility
- Market study for aquaculture salt premixes
- Result: Industrial settlement of Aquapurna at old mining site of K+S



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