Research to sustain the salmon feed success

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Outline

1. Who am I and how did I end up here?
2. The fork in the road
3. EWOS and Cargill
Who am I?
Mud crab life cycle

Development time approximately 30 days
It worked!

- Used micro bound diet as vehicle to investigate nutritional requirements
- Ontogenetic changes in FA profile
- Effect of feeding and starvation on FA profile
After your degree...
SEAFOOD FOR GENERATIONS
THE GLOBAL INNOVATOR IN AQUAFEED
2014 Aquafeed Estimate

- Salmonid Feed: 9%
- Other Aquafeed: 91%

2014 EWOS Sales Volume

- Canada, 5%
- Chile, 31%
- Scotland, 10%
- Vietnam, 5%
- Norway, 50%
EWOS Innovation

**BUDGET**
Euro 11 million
10% covered by external funding and tax deduction in Norway and Chile

**STAFF**
69 in Norway
26 in Chile
26 researchers

**FACILITIES**
EWOS Fish Health Center in Colaco
Trial facilities in Chile and Norway
Laboratories in Dirdal and Colaco
Research facilities in Vietnam
Offices in Sandnes, Dirdal and Colaco
What do we do?

- Develop solutions for a sustainable future in salmon feed
- Fish health challenges and sea lice
- Raw material availability
- Technical feed quality
Core competence meets industry challenges

NUTRITION

PROCESS TECHNOLOGY

FISH HEALTH
EW OS Innovation
- reinvesting earnings in R&D

DIRDAL

Gråttnes

Oltesvik
R&D facilities
R&D facilities

Fish health centre

Sea lice research centre
Knowledge makes the difference!
Open innovation
- always open for input and cooperation

- Industrial partners
- Suppliers
- EWOS customers
- Universities and academic R&D institutions
CARGILL at a glance

With more than 150,000 employees

located in 67 countries

across nearly 70 businesses

our purpose is singular:
to be the global leader in nourishing people

One of the world’s largest privately held companies
CARGILL aquaculture at-a-glance

- **31** facilities
- Feed mainly for Tilapia and **Shrimp**
- More than **1,000** employees
- **16** countries
CAN & EW OS combined are in nearly all of the leading fish & shrimp feed markets.

Leading 12 markets:
1. China
2. Norway
3. Indonesia
4. Chile
5. Thailand
6. Vietnam
7. Egypt
8. India
9. Ecuador
10. Brazil
11. UK
12. Philippines
KNOWLEDGE MAKES THE DIFFERENCE