

Priority Axis 1.1: Increased innovation and transfer of new technology to SME's in remotely or sparsely populated areas



Northern
Periphery
Programme

2007–2013

Innovatively investing
in Europe's Northern
Periphery for a sustainable
and prosperous future



European Union
European Regional Development Fund

Pre-project partners:

- Nofima (Norway)
- Møreforskning AS (Norway)
- Þekkingarsetur (Iceland)
- VNIRO (Russia) Russian Federal Research Institute of Fisheries and Oceanography
- Ryan Institute (Ireland)
- Commercial partners (SME's)

Project Aims:

'To establish welfare standards for crustacean species exported live from the northern periphery and arctic areas, increasing the value of the product and giving a competitive edge in international markets'

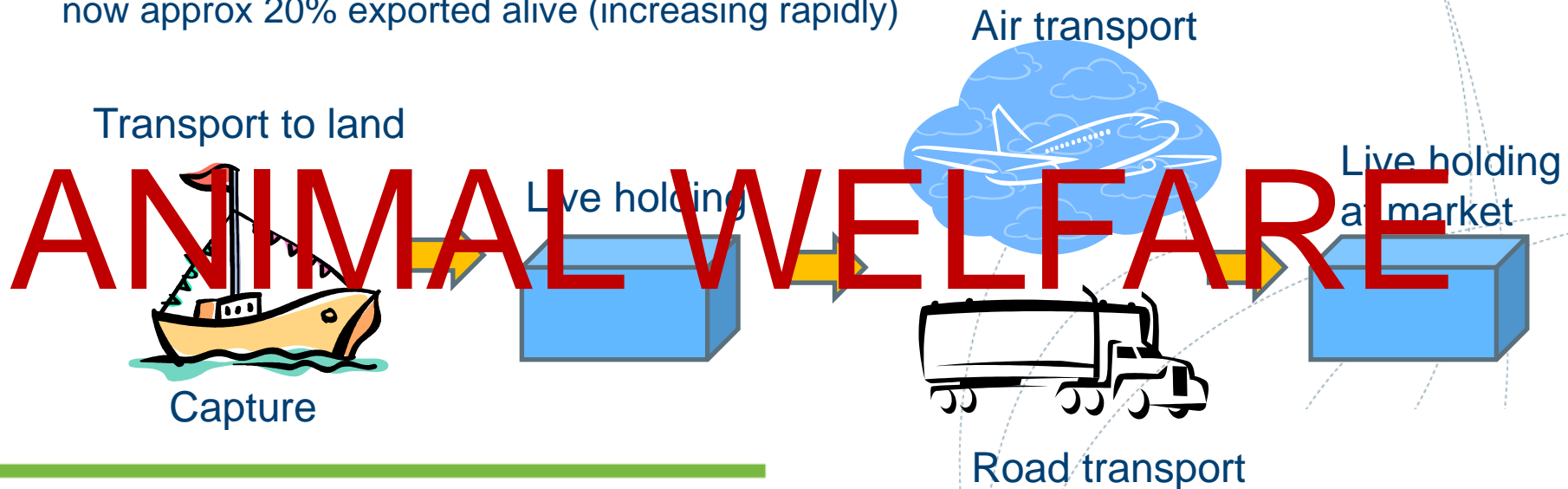
Crustacea species exported from NPA area:

- Nephrops (Iceland, Norway, Scotland, Ireland, Sweden, Faroes)
- Brown crab (Norway, Scotland)
- King Crab (Norway, Russia) / Snowcrab (Norway, Russia, Greenland)
- Clawed Lobster (Norway, Scotland, Ireland)



Increasing the value of crustacea (live product):

- NZ spiny lobster fishery example;
 - 82% increase in export of live lobster, catches reduced by 33 %, value of fishery more than doubled in a 20 year period
- Northern Periphery Area example (King Crab in Norway)
 - In the last 5 years, change from 100% processed product, now approx 20% exported alive (increasing rapidly)



Operational Welfare standards in finfish (e.g. Freedom Foods UK)



- Based on Operational Welfare Indicators to set industry standards
- Can result in a 15-20% increase in product value
- Now a requirement to get access to shelf space
- 80% of retail chains stocking fish in UK now require Freedom Food welfare standards



Operational Welfare standards for Crustacea

- Will become necessary as it is in live fish industry
- NPA can become worldwide leaders in establishing crustacea welfare standards
- Gain a competitive edge over other worldwide markets
- **Utilising existing practices** to increase value of product



Work packages:

WP1: Commercial applicability and integration

WP2: Species requirements for handling, live holding and transport

WP 3: Validate Operational Welfare Indicators (OWI) for NPA species

WP4: Development of tools and applications for measuring/evaluating animal welfare/vitality/quality

WP5: Developing Operational Welfare Assessment (based on industry practice)

WP6: Project co-ordination