

**Where do we go from
here?**

What have we learned?

- **Studies primarily restricted to Atlantic salmon, Arctic charr and sea trout**
- **moderate levels of lice will affect fish performance**
...swimming/reproduction/behaviour
- **susceptibility to sea lice varies among species and time spent nearshore**

What do we need to do?

- **understand the biology/behaviour of the beast in Pacific waters**
- **initiate studies on the effects of sea lice on Pacific salmon**
- **initiate studies to determine the rate of infestation in wild stocks from areas with and without farms**
- **initiate studies to determine the efficacy of existing treatments for Pacific salmon**

How do we do it?

- **establish strategic alliances - UPEI, AquaNet and the EU**
- **develop appropriate sampling protocols (for lice and fish)**
- **determine at what level is performance in Pacific salmon affected**
- **determine the role of fish farms**
- **determine the environmental risk of sea lice infestation levels to wild stocks**

Presently

- Alliances have been established - need to be strengthened
- establishment of a controlled lice colony at CAE
- proposal to determine effects on performance and rate of infestation being prepared
- proposal to examine the efficacy of existing and new treatments being prepared.