

PROCESS AUTOMATION IN FISH PROCESSING
Halifax, November 15-16, 2016

DAY 1

Setting the Scene (8:30 - 10:00 am)

- Welcome (10 min) **Carey Bonnell, SVCRT, confirmed**
- Workforce demographics, by province (20 min) **Jamie Ward, MUN, confirmed**
- Industry challenges and potential solutions (it's not just about labour) (20 min) **Robert Verge, CCFI, confirmed**
- KPMG report on automation in the Canadian fish processing industry (20 min) **Sylvie Verdon, ISED, confirmed**
- Discussion/Q&A (20 min)

Break (10:00 - 10:20 am)

How Others Have Dealt with Process Automation (10:20 am – 12:15 pm)

- Processing of seasonal food crops in Canada (20 min) **Michel Casgrain, Bonduelle, confirmed**
- Process automation in Iceland (30 min) **Saemundur Eliasson, Matis, confirmed**
- Processing of groundfish, small pelagics, farmed salmon in Europe (40 min) **Chris Bjerregaard, Pescatech, confirmed**
- Discussion/Q&A (25 min)

Buffet Lunch (12:15 - 1:00 pm)

Availability of Automation Solutions in Canada (1:00 - 2:30 pm)

- Cube Automation – automation solutions (20 min) **Roch Chiasson, confirmed**
- Enginuity – lobster processing (20 min) **Alastair Trower, confirmed**
- TechCold International – automated refrigeration controls (20 min) **Brad Watts, confirmed**
- Discussion/Q&A (30 min)

Break (2:30 - 3:00 pm)

Case Studies (3:00 - 5:00 pm)

- Automation in processing farmed salmon (15 min) **Chris Bjerregaard, Pescatech, confirmed**
- Automation in processing small pelagics (15 min) **Dave Giddens, Connors, confirmed**
- Automation in processing groundfish (15 min) **Alberto Wareham, Icewater, confirmed**
- Development of process automation technologies (15 min) **Dennis Schreiber, Baader, confirmed**
- CCFI – Filling gaps in Canada's technological development capacity (15 min) **Robert Verge, confirmed**
- Discussion/Q&A (15 min)

Dinner - Evening

- Speaker **Ogmundur Knutsson, Evolution of the Icelandic Industry, A Case Study, confirmed**

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DAY 2

Availability of Funding for Process Automation (8:30 - 9:15 am)

- Representatives of funding agencies
 - ACOA (10 min) **Hugh Hicks, confirmed**
 - BDC (10 min) **Mark Tanner, confirmed**
 - NRC IRAP (10 min) **Steve Owen, confirmed**
 - Springboard Atlantic (10 min) **Jonathan Barrett, confirmed**

Government Policies and Process Automation (9:15 - 10:00 am)

- Representatives of government departments
 - SVCRT (15 min) **Carey Bonnell, confirmed**
 - ISED – Innovation capacity study, follow-up to KPMG (30 min) **Samuel Marleau Ouellet, confirmed**

Break (10:00 - 10:20 am)

Discussion Groups (10:20 - 11:30 am)

- Automation of shellfish processing
- Automation of pelagics processing
- Automation of groundfish processing

Discussion questions

- a. Are we losing output value now, due to a shortage of labour?
- b. Why do we not use more automation now?
- c. How important will it be to adopt automation technologies over the next 5-10 years?
- d. How much do you think we will need to invest?
- e. What are the main barriers to adopting automation technology?
- f. What must we do to overcome the barriers?

Facilitator – **Alastair O’Rielly, confirmed**

Plenary (11:30 - 12.15 pm)

- Reports from discussion groups
- What does it all add up to?

Where Do We Go From Here? (12:15 - 1:00 pm)