

Global Conference on Aquaculture 2010

Farming the waters for People and Food

22-25 September 2010, Phuket, Thailand

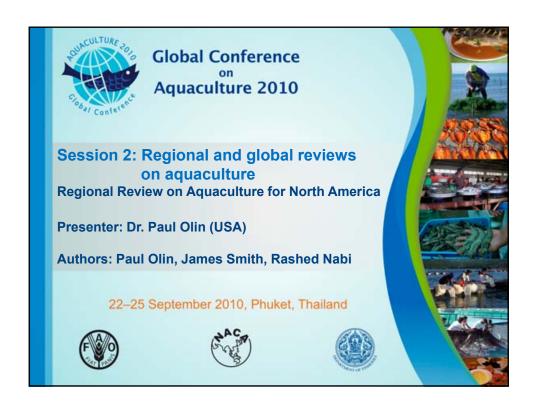
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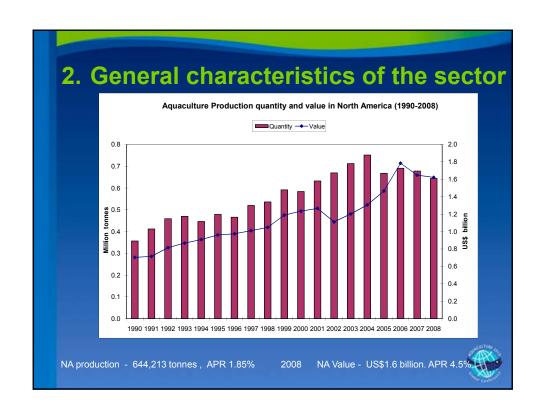
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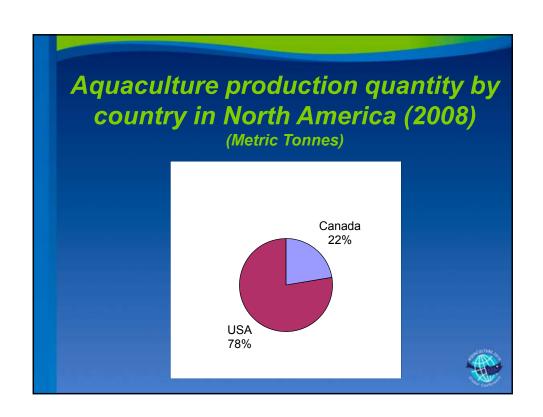


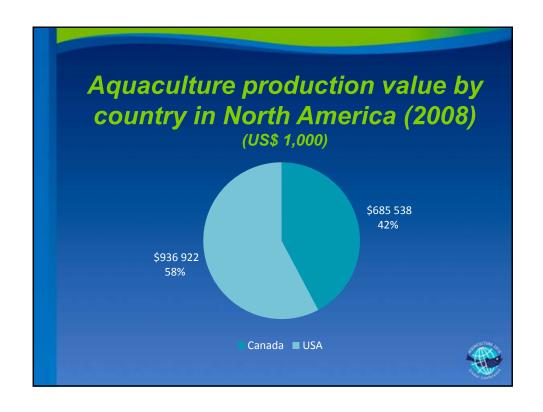


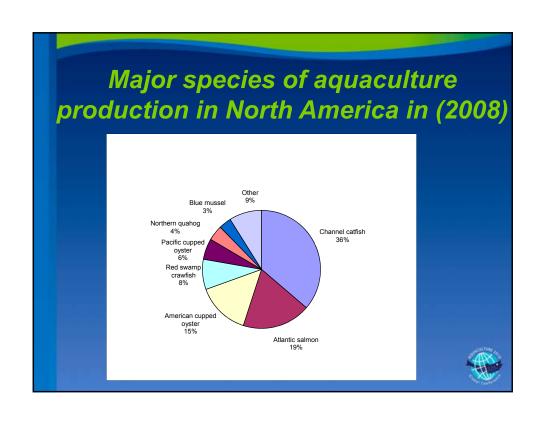
1. Social and Economic Backgro of the Region		
335 Million people	- Canada - 33 million -United States of America - 302 million	
Urban oriented	Canada - 61% in Ontario & Quebec - 45% in six major cities United States of America - 7 states > 10 million - 250 million urban dwellers	
Young - 20% <15 yea	rs, 12% >65 years	
Educated - Post secondary	- Canada – 60% - United States of America – 54%	
University degree	- Canada – 23% - United States of America – 24%	

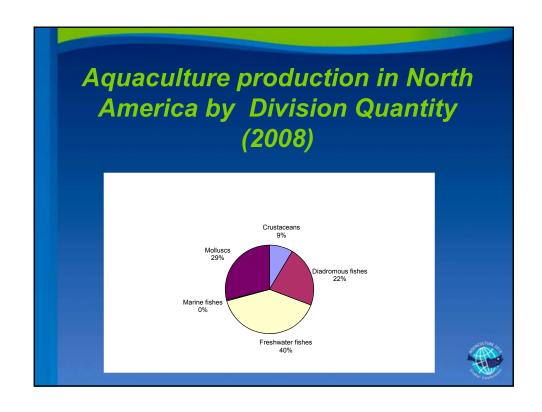
Social and E of the	conomic Region -	
	Canada	United States of America
GDP	\$1.3 T	\$13.4 T
GDP Growth	2.7%	5.2%
Fertility rate	1.5	2.1
Household income	\$66,000	\$50,000
Unemployment	6%	4.6%
Aquaculture	5% (\$155B)	<1%(\$276B)

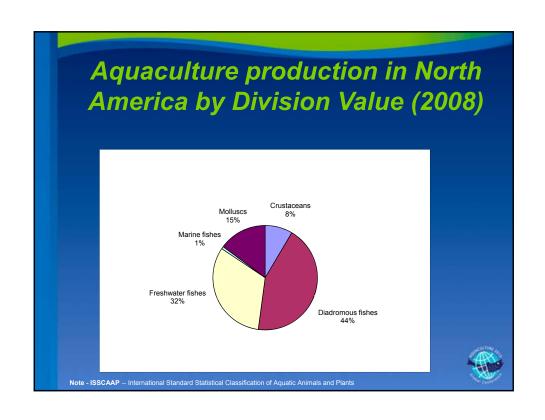


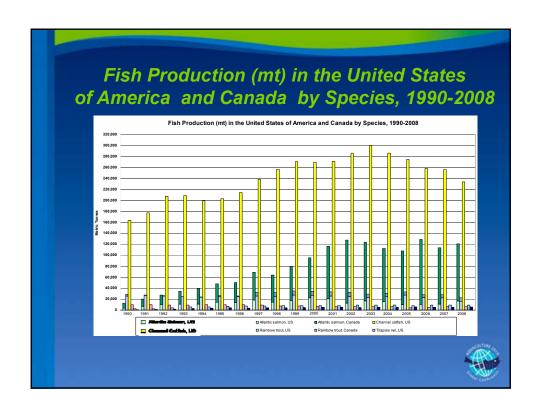




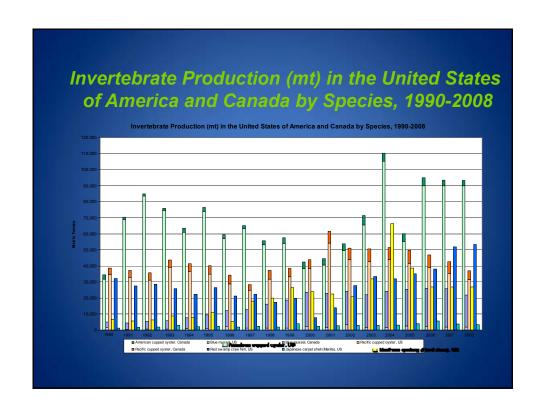






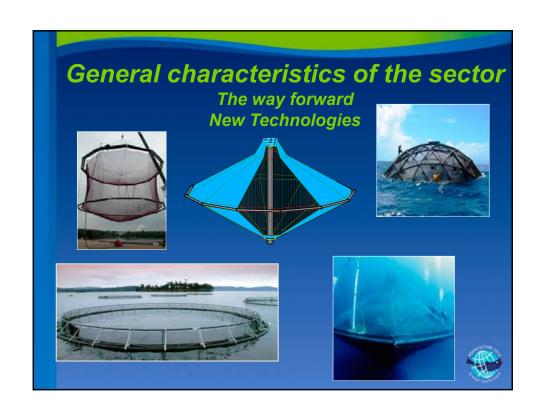




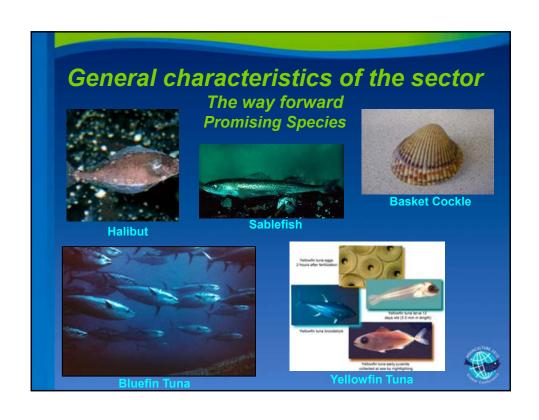




General characteristics of the sector The way forward Canadian production potential Increase •8 percent to 214, 000 tonnes by 2013 •Farm-gate value of US\$1.2 billion By 2020, production could exceed 308,000 tonnes •Farm-gate value of US\$1.6 billion United States of America production potential Increase •From 0.5 to 1.5 million tonnes per year by 2025 •Value increase from US\$1 billion to US\$3 billion Additional production •760,000 tonnes from finfish, (590,000 tonnes marine finfish) •47,000 tonnes from crustacean production •245,000 tonnes from mollusc production





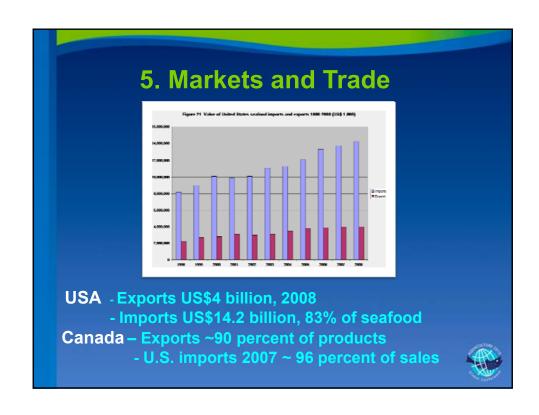


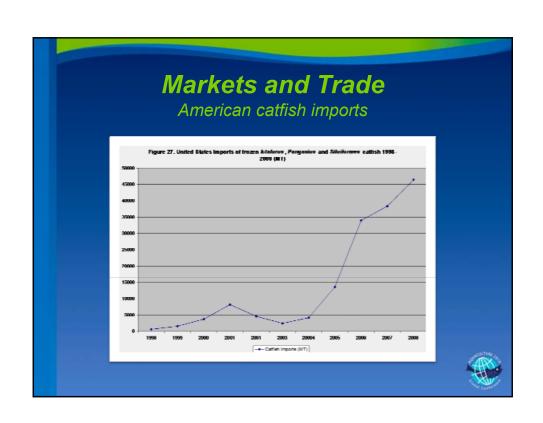














The way forward

Expand domestic market Control production costs Aggressively market quality and health benefits Eating fish

- Lowers the risk of death from heart disease
- Enhances brain development and cognition in babies
- Low seafood intake 2nd largest cause of diet-related deaths in America



6. Contribution of aquaculture to food security, social and economic development

- Little contribution to food security
- •North American aquaculture employment 2007
 - 52,129, up from 40,212 in 1998, APR 2.9 percent
- •Benefits coastal and rural communities in Canada
 - Kitasoo/Xai'xais First Nation, Klemtu, BC
 - 45 jobs, US\$1.6 million wages, , unemployment down >50%
 - US\$30 million revenue, unemployment down >50%
- Farmed salmon
 - Largest food export of British Columbia
 - Largest crop of New Brunswick agri-food sector
- •AR, LA, MS - Generates 3,936 jobs
 - payroll of US\$56.4 million, 34% of nations total
- Washington State 15% of total aquaculture payroll
 - US\$ 27.4 million, 1,284 positions

