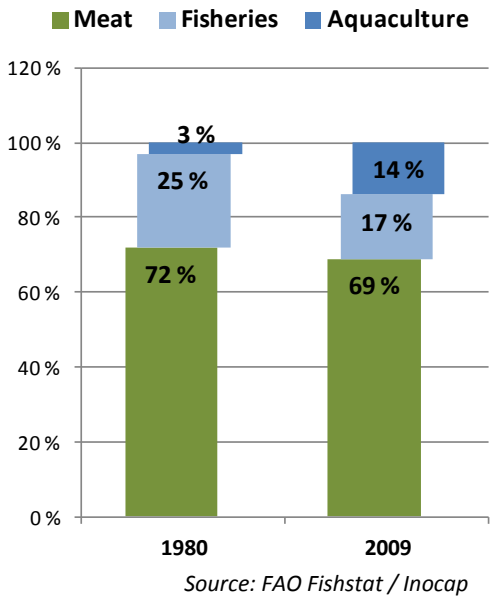
Strong growth predicted for aquaculture
- shrimp and tilapia expected to more than double by 2030

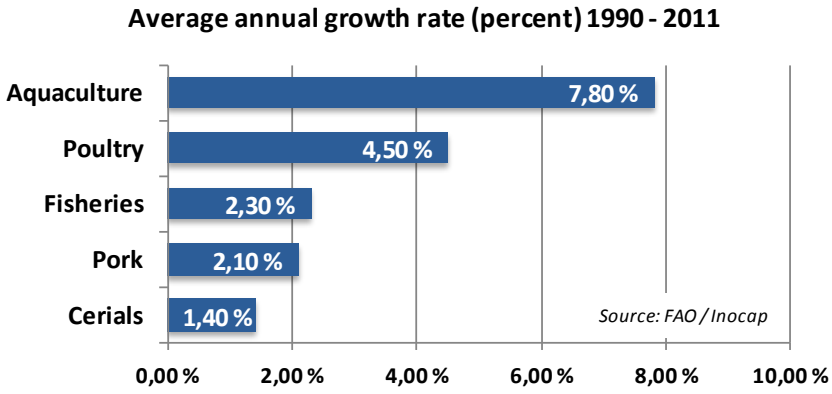
Written by: Øystein Falch of Inocap, June 2014

Dr. James Anderson, the World Bank advisor for oceans, fisheries and aquaculture was presenting the World Bank report *"Fish to 2030 – prospects for fisheries and aquaculture"* saying that they expect aquaculture to grow by 60 to 70 percent over the next 20 years.



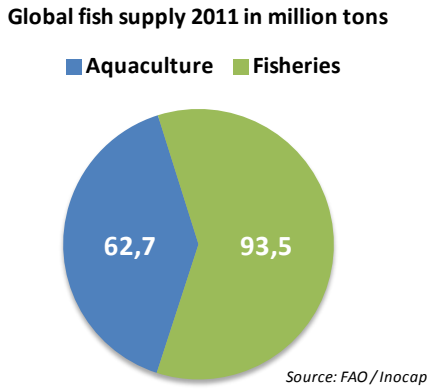
Source: FAO Fishstat / Inocap

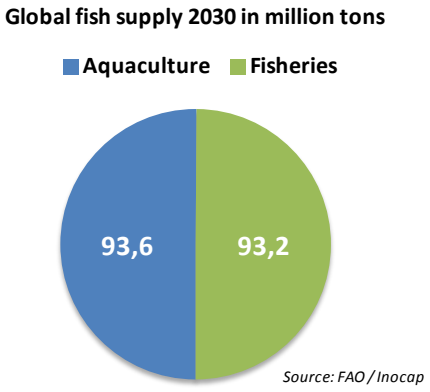
FAO numbers show that from 1980 to 2009 the global consumption of meat is reduced relative to seafood. Seafood's share of protein consumption was in 1980 28% while 31% in 2009. Fisheries have in the same period reduced their share of global food consumption from 25% to 17%, while aquaculture has increased from 3% to 14%. And more growth in aquaculture is expected, says Dr. James Anderson.



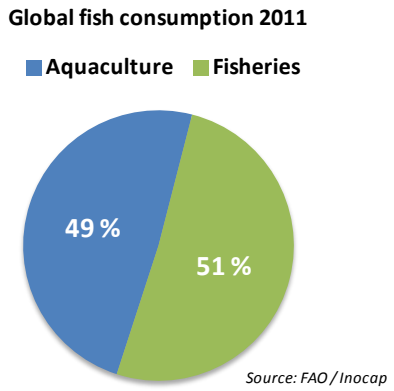
The World Bank sees two mega trends that will contribute to growth in aquaculture: increased world population and increased GDP per capita in developing countries. From 2010 until 2030 the world population is expected to grow by 20,2% and world GDP by 17,4%. Dr. James Andersons says FAO and the World Bank see a clear correlation in meat and fish consumption and GDP per capita. Aquaculture is expected to make up for the increased consumption, and not fisheries and terrestrial meat production. From 1990 until 2011 aquaculture has been the fastest growing food production sector growing by an average of almost 8% per annum.

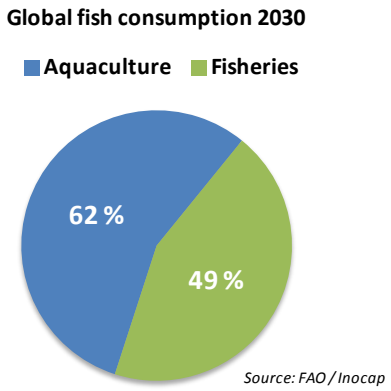
In 2011 global fish supply was 156,2 million metric tons, out of which aquaculture was 62,7 million tons, or 40%. Global fish supply is expected to increase to 186,3 million metric tons by 2030, out of which aquaculture is 93,6 million tons, or 50%. Aquaculture is expected to increase by about 30 million tons, or 49% by 2030.



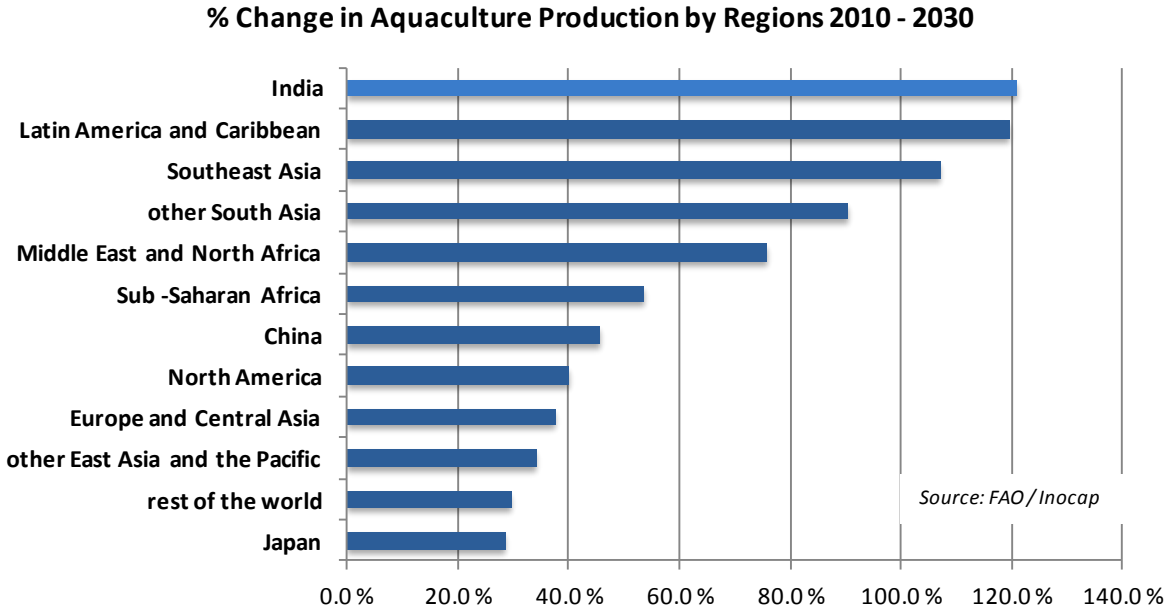


In 2011 about 80% of the global fish supply went to direct human consumption. This proportion is not expected to change before 2030. But almost 100% of the aquaculture fish supply goes direct to human consumption, while 68% of wild catch/fisheries. Aquaculture is therefore expected to supply 62% of fish for direct human consumption by 2030.

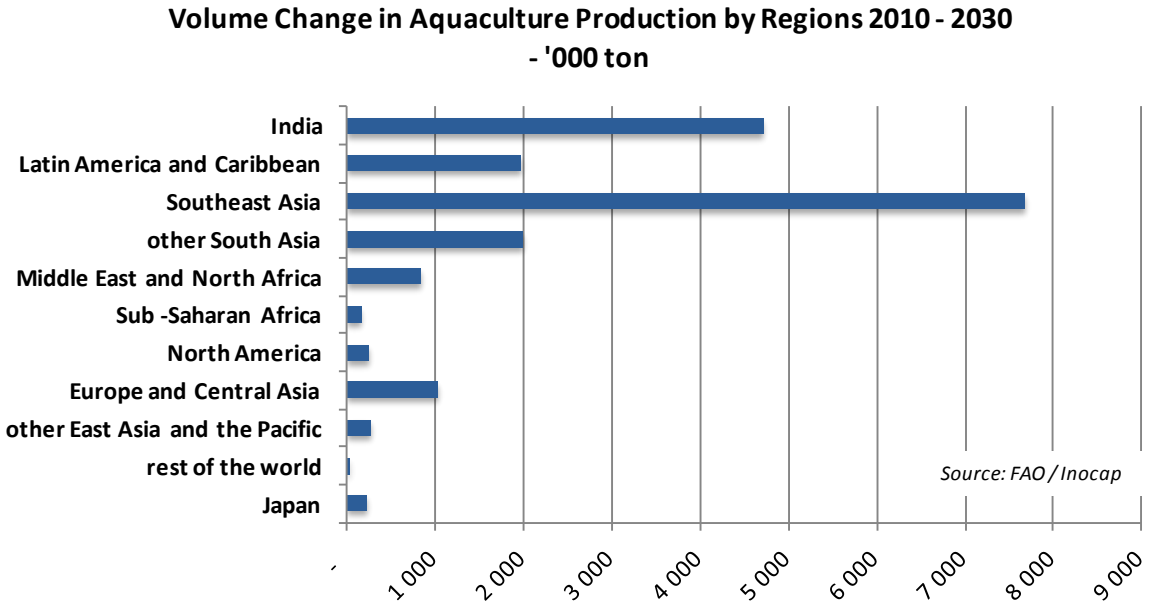




Projected growth in aquaculture production by geographic regions is shown in the tables below:



Note! China is excluded from the table below. The volume for China is expected to increase by 16.709 thousand tons (45,7%).



Projected growth in aquaculture production by species is shown in the tables below: