



SIXTH REGULAR SESSION
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**CANADA – PROPOSAL FOR THE ESTABLISHMENT OF A PILOT PROJECT FOR USING
THE KOBE II STRATEGY MATRIX**

WCPFC6-2009/DP31
8 December 2009

Prepared by Canada

Background

1. At the second global summit of Tuna RFMOs (San Sebastian, Spain, June 2009), there were recommendations to adopt The Strategy Matrix as a harmonized format for RFMO science bodies to convey advice. Based on targets specified by the Commission for each species, the matrix would present the specific management measures that would achieve the intended management target with a certain probability by a certain time. The probabilities and timeframes to be evaluated would be determined by the Commission. In the case of fisheries managed under TACs, the outputs would be the various TACs that would achieve a given result. In the case of fisheries managed by effort limitations, the outputs would be expressed as, for example, fishing effort levels or time/area closures, as specified by the Commission. It would also indicate where there are additional levels of uncertainty associated with data gaps. Managers would then be able to base management decisions upon the level of risk and the timeframe they determine are appropriate for a particular species and associated fisheries.
2. Presenting stock assessment results in this format will facilitate the application of the precautionary approach, by providing Commissions with the basis to evaluate and adopt management options at various levels of probability. Commissions would establish management objectives and reference points, taking into account the precautionary approach and convention objectives. Additional supportive management measures may be necessary to complement the application of the precautionary approach.

Advice and recommendations

WCPFC6 is invited to review Canada's Draft Plan for the Establishment of a Pilot Project for using the Kobe II Strategy Matrix (provided as Appendix A) and,

- a. Propose amendments as considered necessary, or
- b. Approve the establishment of a pilot project for using the Kobe II Strategy Matrix, focused on bigeye tuna.
- c. Task the 2010 Management Objectives Workshop recommended by SC5 to determine the management objectives identified in the Strategy Matrix in Appendix A. The Matrix and the results of the workshop will then be forwarded to SC7.

**Plan for the Establishment of a Pilot Project for using the
Kobe II Strategy Matrix
Proposal by Canada**

The Kobe II Strategy Matrix requires fishery managers first to determine the management objectives (probabilities, targets, time frames) before requesting work be conducted by the scientists.

It is therefore recommended that WCPFC6 approve, as a pilot project, the analysis of bigeye tuna using this Strategy Matrix. At WCPFC8, the Commission will consider the utility of the Matrix in evaluating management alternatives.

Based on the results of this pilot project, the Commission may consider the potential use of this Matrix with other species.

Strategy Matrix for Setting Management Measures

Management Target	Time Frame	Probability of Meeting Target			Data Rich/ Data Poor
		A%	B%	C%	
<Fishing Mortality Target>	In x years				
	In y years				
	In z years				

Management Target	Time Frame	Probability of Meeting Target			Data Rich/ Data Poor
		A%	B%	C%	
<Biomass Target>	In x years				
	In y years				
	In z years				

Management Target		Probability of Maintaining Status Quo			Data Rich/ Data Poor
		A%	B%	C%	
<Status Quo>					