Managing fresh water in New Zealand **NATIONAL OBJECTIVES FRAMEWORK VALUES** 1. Food gathering / mahinga kai 8. Natural form and character Eg 2. Ecosystem health 9. Stock watering 10. Indigenous species 11. Human health 12. Drinking a. Decision made on desired values 13. Ceremonial uses for the river b. Each chosen value has specific 'attributes' that must be managed **ATTRIBUTES FOR ECOSYSTEM HEALTH:** c. Each attribute has a range of bands (D won't support the value) 4. Periphyton (slime) **BANDS FOR SLIME could be:** . Council, iwi and community apply National Objectives Framework A. Less than 20% cover 7. Invertebrates B. 20 to 40% cover C. 40 to 55% cover D. More than 55% cover 1. Councils begin planning, maybe choosing to use a collaborative process that brings stakeholders and iwi together Reconsider values Reconsider chosen band NO 3. Assess the 'current' state' (band) of the river and consider how the resource is being used Y/N? **CATCHMENT MANAGEMENT** Discharge limits: Time to adjust Water take limits: Water out (flows 7. Council, iwi and community 8. Council implement planning and management regime 4. Decide if the 'current state' then decide if this regime is achievable should be maintained or - are the limits set Other management options: feasible in the desired timeframe? Catchment mitigation, shade - are the chosen values 6. Think about the trade-offs of 5. Decide on what limits need to be set and bands right? the proposed management regime, and the likely impacts and and what management options are required to achieve the chosen band, given the current state and how the resource is currently being used opportunities (both environmental and economic)