

YARRA YARRA STRATEGY AND ACTION PLAN ESTABLISHED MARCH 1997

DRAFT REVIEW SEPTEMBER 2003

Vision

To be recognized as the Natural Resource Manager for the Yarra Yarra Sub Region of the Northern Agricultural Region with a strategy in place that will provide a sustainable future for our life style, economic viability and natural environment.

Mission Statement

We will apply our strategy on a whole of region basis constantly involving all the community in the process of Communications, decision-making, planning and implementation.

COMMUNICATIONS

1. Lobbying:

- a.) The YYCG will Provide a strong lobby group for agency funding and information support.
- b.) We will influence strategies developed at the regional and sub regional level to ensure these are advantageous to all.
- c.) Policy makers will be made aware of the potential sustainability of agriculture in low rainfall areas.

Action required	Out puts	Who is responsible
<p>a.) The Group is to lobby agencies and relevant ministers for support and recognition for priority projects</p>	<p>a.) The combined strength of all LCD's in the Yarra Yarra which represents 4.5% of W.A.s agricultural regions has already procured significant priorities for the catchment. Maintain regular contact with NACC and NRM council</p>	<p>YYCG, NACC</p>
		<p>Mile stones since 1997</p>
		<p>a.) We are at present lobbying the State and Federal Governments to fund our regional catchment rehabilitation proposal as a priority project.</p>
<p>b.) Ensure information sharing between Yarra Yarra & other catchment groups to reduce overlap in funding applications & duplication of activities.</p>	<p>b.) Establish GIS data base and keep abreast of regional strategic developments through NACC reps.</p>	<p>Who is responsible</p>
		<p>YYCG NACC</p>
		<p>Mile stones since 1997</p>
<p>b.) A data base has been established at Perenjori and is duplicated at the Kalannie office. We aim to extend our GIS services to the other sub regions. Work shops are being arranged for Sept. 2003 NACC will amalgamate sub regional projects where appropriate For stronger funding opportunities.</p>		
<p>c.) Policy makers and financial bodies will be made aware of the long term economic viability of low rainfall areas.</p>	<p>c.) Define the indicators effecting policy. Keep business plan up to date Complete key points for economic situation report promoting the long term stability in farming and the increase in volume and value of produce exported.</p>	<p>Who is responsible</p>
		<p>YYCG</p>
		<p>Mile stones since 1997</p>
<p>c.) Considerable lobbying has been done at State level to influence the Salinity investment frame work. We will continue this through the development of a statutory Catchment Authority to gain some autonomy</p>		

2. **Awareness :**

- a.) Internally: We will establish communication links to and from YYCG and local catchment groups
- b.) Externally: We will communicate outside the Catchment through the media at local and extended level.
- c.) We will ensure that policy makers recognise the benefits of the life style and natural environment of the catchment

Action required	Out puts	Who is responsible
<p>a.) We will hold bi- monthly meetings . and rotate meeting venues</p>	<p>a.) Bi monthly meetings will ensure a continuity of information and will allow members to anticipate meeting dates. A progressive correlation of YYCMG meetings activities and updates will be made available and kept by LCD secretaries in folder provided.</p>	<p>AGWA, YYCG, LCDS</p>
		<p>Mile stones since 1997</p>
		<p>a.) We hold five meetings per year. Minutes of all meetings have been kept in a minute book since the inaugural meeting in 1997 We have established an office complex at Perenjori where most meetings are held . To keep in contact with all stake holders we have created 11 Zones in the sub region and update workshops will be conducted at least once per year the first round of workshops is nearing completion.</p>
<p>b.)Updated information to be sent to Agmemo editors, local papers, Jane Keefe's newsletter. Development of a regular reporting system on activities by LCDC's.</p>	<p>b.) Bi-monthly copies of updates provided by president and minutes of meetings will be passed on to these outlets.</p>	<p>Who is responsible</p>
		<p>President, YYCG</p>
		<p>Mile stones since 1997</p> <p>b.) This process needs further review. A web site has been established which needs to be linked to web sites of other sub regions</p>
<p>c.) Collect information on: Environmental resources, population trends and tourism.</p>	<p>c.) This can be linked to data from a.) and will provide an ongoing situation statement for promotion and internal use.</p>	<p>Who is responsible</p>
		<p>YYCG, Melanie Stevens</p>
		<p>Mile stones since 1997</p> <p>c.) This information should be stored in the web site</p>

3. Interaction:

- a) With Shire Councils, Government and other agencies
- b) With the SRD program

Action required	Out puts	Who is responsible
<p>a.) Work with and involve the Shire Councils, Government and other agencies to provide best use of available resources.</p>	<p>a) Encourage joint funding of activities & coordinate NHT applications. Request an appointee from relevant agencies and bodies at YYCMG meetings & activities.</p>	<p>Relevant bodies & Agencies</p> <p>Mile stones since 1997</p> <p>a.) Joint funding facilities will be established under the new regional strategy. Relevant agency representatives have been invited to sit on our management committee. There has been little attendance by them at meetings. A strong alliance has been established with the seven shire councils in the Sub region and a Catchment Authority is being established with shire reps making up the board.</p>
<p>b.) RPG reps to provide regular input to SRD meetings & gain feedback to ensure priorities of YYCMG are recognised by the SRD program</p> <p><i>2003 amendment - The RPG and SRD program have been abandoned.</i></p>	<p>b.) YYCMG will Require 2 permanent representatives on RPG. Appointments to be reassessed at regular intervals. These reps will provide input and report back from SRD meetings.</p> <p><i>2003 amendment 2 representatives now sit on NACC</i></p>	<p>Who is responsible</p> <p>YYCG,NACC</p> <p>Mile stones since 1997</p> <p>b.) The SRD program no longer operates at community level the RPG program has been disbanded. Up to three representatives now sit on NACC at regional level.</p>

Develop a holistic approach to the catchment by coordinating farm planning and influence farming systems to maintain an economic and ecological balance

1. Catchment Planning and Implementation.

- a.) Promote an integrated catchment planning process as promoted by the Soil and Land Conservation Council.
- b.) Implement those plans with extensive revegetation and controlled flow of excess run off.
- c.) Maximise effective in situ water usage by identifying best agronomic practice.

Action required	Out puts	Who is responsible
<p>a) The Yarra Yarra has specific drainage problems with some ill defined and “ land locked systems ” this issue needs urgent attention.</p>	<p>a) Develop a Digital Terrain Models (DTMs) ,using photogrammetry and satellite imagery . This will culminate in the development and adoption of a catchment water management policy.</p>	<p>LMG, AGWA</p> <hr/> <p>Mile stones since 1997</p> <p>a.) Digital elevation models have been developed for the whole Catchment and a water management policy has been adopted. This policy has resulted in the formation of 60 individual catchments that have been condensed into 11 management Zones from which information is extracted and stored in the regional data base. This process has been activated by holding a series of workshops in the 11 Zones</p>
<p>b) Major Natural Drainage lines need defining and stabilising to reduce ponding and subsequent saturation. This will also encourage controlled flow to the lake systems so that integrated implementation is possible.</p>	<p>b) Provide a sustainable integrated surface and ground water control system so that planning and implementation at farm level can be done effectively without detriment to adjoining properties Large scale revegetation will need to be implemented establishing corridors linking existing remnant vegetation and major reserves and lake verges</p>	<p>Who is responsible</p> <p>YYCMG, AGWA, NHT</p> <hr/> <p>Mile stones since 1997</p> <p>b.) Major drainage lines have been defined and through the workshops the status of these arterial water ways is being established. The DEMs that we have established need more definition in the lower reaches of the catchment to provide satisfactory data for design criteria. A major regional drainage program incorporating deep drainage is being prepared</p>

1. Catchment Planning and Implementation. (continued)

<p>c.) Develop catchment plans with best-practice management options according to landscape and soil type that will maximise water use to prevent waterlogging, salinity and erosion.</p> <p>d.) Water Harvesting</p>	<p>c.)Promotion of contour working and the establishment of contoured grade banks will be emphasised.</p> <p>d.) Farm water Grants will be utilised for the development of dams to use excess run off and alleviate infiltration to the regional and localised ground water.</p>	Who is responsible
		AGWA, Peter Whale, Dene Solomon
		Mile stones since 1997
		<p>c.) Through Zone workshops best practise methods are promoted a senior technician has been seconded to our staff from AGWA and we also employ a full time qualified surveyor. A best practice panel has been formed (this group is cumbersome and needs to be reviewed) a Monitoring and Planning committee has been formed this committee is working well.</p> <p>d.) Water harvesting has been active at individual farm level.</p>

2. farming Systems

- a.) Agronomy
- b.) Investigate and promote alternative farming systems.

Action required	Out puts	Who is responsible
<p>a) Investigate plant nutrition for maximum water uptake and productivity Investigate perennial plants, and crop rotations. Farm forestry to be encouraged</p> <p>b.) Promote no till investigate other tillage methods Investigate aquaculture and other ventures as viable options</p>	<p>a.) Develop liming and trace element trials. The development crop and pasture rotations with best possible plant selection. Develop perennial trials Oil Mallees Melaleucas and acacias show promise with 3.7 million oil mallees already planted in the catchment</p> <p>b.) Collate land holder experimentation and disseminate this. Develop deep ripping trials .</p> <p><i>2003 amendment - The Liebe group have crop rotation and farming systems well in hand. We expect the Morawa farm improvement group to be active in this field also. We will use both these organisations as an information base.</i></p> <p><i>We would like to help them with data base establishment. However we accept the responsibility for revegetation and biodiversity issues.</i></p>	<p>Oil Mallee Association, Liebe Group, Morawa Farm Improvement Group, Calm farm forestry, CSIRO</p>
		<p>Mile stones since 1997</p>
		<p>a.) Some Melaleuca trials have been established in the Youangarra sub catchment. Extensive oil mallee trials have also been conducted in Youangarra.</p>
		<p>Mile stones since 1997</p>
		<p>b.) <i>The Liebe group have crop rotation and farming systems well in hand</i></p>
<p>Two farm improvement groups and now operating in the Sub region we have invited reps from these bodies onto our management committee and will cooperate with them in the development of sustainable farming systems by providing support for biodiversity management and surface and ground water control. The oil mallee industry is showing potential with oil distillation established on a commercial basis.</p>		

Action required	Out puts	Who is responsible
<p>a) Encourage the fencing off and revegetation of lake verges and connecting waterways to promote re establishment of complementary understory and natural eco systems.</p>	<p>a.) Seek funding from Govt. Foundation and Corporate sources. for fencing and seedlings for revegetation</p>	<p>Corp.sector, Regional development programs, G. Reid, NHT</p> <p>Mile stones since 1997</p> <p>a.) We have had little success engaging the corporate sector in our activities as we do not provide a commercial base for them to promote their activities. Gordon Reid Foundation for Conservation have been most supportive.</p>
<p>b) Maintain existing links with the Wild Flower society and the State Herbarium</p> <p>c) Establish a situation statement on the status of our biodiversity and prepare action plans to address issues</p>	<p>b.) Circulate recently published report by the Wild Flower Society of W. A. on species identification relating to soil types in the South East sector of the Catchment. Help the State Herbarium to extend the application of the multi access data base for species identification. This program is currently running in the South East sector of the Catchment.</p> <p>c.) Employ an ecologist on a part time basis</p> <p><i>2003Amendments - We will appoint interested community members in each of the 11 Zones to become collectors of information. We will train these personnel in the use of our Catchman software and develop standard data sets in collaboration with CALM. This information will be stored in our regional data base. We will also promote the training of these personnel in the identification of local plant species.</i></p>	<p>Who is responsible</p> <p>WF Soc., CALM, LCDs Margaret Langley , Malanie Stevens</p> <p>Mile stones since 1997</p> <p>b.) Contact has been maintained with the State Herbarium and will continue as our biodiversity strategy unfolds.</p> <p>Who is responsible</p> <p>Calm, Melanie Stevens, Margaret Langley, Angas Hopkins</p> <p>Who is responsible</p> <p>c.) We have appointed a graduate in NRM to our staff. Who is working with Calm to establish a Remnant vegetation data base. We have employed an ecologist who has done preliminary investigations and provided a report on the ecological status of the Catchment.</p>

AGWA's focus catchment program has been abandoned this section of the Strategy is now obsolete and needs to be discontinued and be replaced by priority catchments which will be dealt with in the section on Catchment Planning and Implementation. Focus Catchment needs to be replaced by the heading Extension of Best Practice Methods and Design

- a.) Preferred schedule for participation would involve all Yarra Yarra groups.
- c.) Testing ground
- d.) Use focus catchments as benchmarks

Action required	Out puts	Who is responsible
<p>a.) YYCMG to invite and encourage catchments to meet the criteria to become focus catchments.</p> <p><i>2003 - The focus catchment concept has been abandoned by AGWA. Priority catchments for rehabilitation are now selected by YYCMG committee.</i></p>	<p>a.) Lobby State Salinity Council to advocate sufficient funding to prepare pending focus catchments while others are being developed. A time frame will be built into the duration of Focus catchment.</p> <p><i>2003 The State salinity Council has been disbanded YYCMG staff will hold at least one workshop per year in each of the 11 Zones to ascertain requirements</i></p>	<p>YYCMG staff and members</p> <p style="text-align: center;">Mile stones since 1997</p> <p>a.) During 1998 the Goodlands LCD conducted a Focus Catchment Field Day which highlighted milestones achieved to that date The focus catchment initiative has been abandoned by AGWA However YCMG have prioritized catchments that have shown the greatest need and commitment for rehabilitation.</p>
<p>b) Focus catchments to be utilised as testing ground for technology. Development of "best bet" maximum water use strategies. Adopt a total catchment approach as a bench mark for others.</p>	<p>b.) Focus catchments will be encouraged to develop themes e.g. Surface water control , Farming Systems or perhaps Regional groundwater control. Evaluation and demonstration sites will be established to compliment these themes.</p>	<p style="text-align: center;">Who is responsible</p> <p>YYCMG staff and committee</p> <p style="text-align: center;">Mile stones since 1997</p> <p>b.) As the focus catchment process has been abandoned This process has not been established the potential effectiveness of it is obscure.</p>
<p>c.) Focus catchment to be used to indicate the best possible practices in catchments</p>	<p>c.) Conduct annual "Best Practice" seminar on each focus catchment. A final report will be produced and published at the end of the focus catchment term</p>	<p style="text-align: center;">Who is responsible</p> <p>YYCMG committee</p> <p style="text-align: center;">Mile stones since 1997</p> <p><i>2003 - As the focus catchment process has been abandoned no action has been taken on this concept</i></p>

- a.) The collation of data
- b.) Hydrology research and evaluation
- c.) Plant breeding
- d.) Plant research pests and diseases
- e.) Monitor impact of present and predicted management practices as related to pests, diseases and the environment.

Action required	Out puts	Who is responsible
<p>a.) Agencies to develop accessible information data bases as a regional priority. Provide monitoring systems to create awareness in the community as to the best practises that will increase productivity and control land degradation. Establish a data base for natural resource status ,salt levels, ecology and natural remnant vegetation</p> <p><i>2003 amendment -- Yarra Yarra now have the ability to establish a regional data base and will offer a regional service to NACC</i></p>	<p>a.) We will Collate and analyse existing implementation of farm plans to provide accessible & coordinated base information. This information will be overlayed on a Sub regional map depicting Yarra Yarra boundaries and Cadastra so progress can be monitored</p>	<p>LCDs, AGWA, DOLA, Rokit Science</p> <hr/> <p style="text-align: center;">Mile stones since 1997</p> <p>a.) We are conducting a series of workshops in each of the 11 Zones (or LCD's) in the sub region and we are collecting information on the run from land holders using our Catchman software. This information is then stored in our Regional Data Base for use in establishing projects. The development of our Catchman software and the availability of rectified aerial photos and digitized topographical information together with Global Positioning data download has been a major breakthrough in catchment management. Our ensuing expertise in data management has enabled us to collect and store information in a relatively short time frame.</p>

<p>b.) Establish a comprehensive monitoring system for water tables, ground water movement and other variables to assess water balance effects in Individual LCD's. Promote research into the movement of ground water & coordinated base information</p>	<p>b.) Expand the use of the current bore monitoring program developed in YYC and Continue with the development of computer programs that will produce both graphical and statistical data. Provide personnel to collect and collate data on a regular basis. Combined with the use of DEMs and satellite imagery this will culminate in the development of Surface, Sub-surface and Ground water models allowing us to measure the impact of management practises and also the capacity, water movement and evaporation levels of lake systems. Expand on demonstration sites in YYC emphasising plant uptake moisture monitoring. data loggers etc. Salt harvesting initiatives in the region will be closely investigated and monitored .</p> <p><i>2003 We need to develop a system of accurate flow metering at each delivery point on newly established ground water and surface water delivery points. Preferably a mobile unit. We need to establish the over all yield for each sub catchment within Zones. As soon as possible we need to employ a full time Hydrogeologist</i></p>	<p style="text-align: center;">Who is responsible</p> <p>AGWA YYCM Robert Nixon</p> <p style="text-align: center;">Mile stones since 1997</p> <p>b.) We have further developed our bore monitoring program in Microsoft Access and are working on an interface with our Catchman software. Catchman data can now be exported to Microsoft Exel. With income derived from acquired drilling contracts we will engage a permanent staff member trained in data collection to monitor ground water levels on a regional basis and also manage our data base. We have established one gauging board at the main discharge point in the Youangarra sub catchment. We are working with the local farming systems groups who are monitoring ground water uptake by various plant species. We have been observing watching salt harvesting in the Kalannie area reports indicate that it is uneconomical at this stage.</p>
<p>c.) Ensure that priority is given to breeding more suitable crops, trees, pastures and perennial plants for the region.</p>	<p>c.) Lobby agencies e.g. AgWA, CSIRO, CALM, UNI's. Ensure the establishment of private breeders scheme is in the best interest of plant breeding</p>	<p style="text-align: center;">Who is responsible</p> <p>Liebe Group, Morawa Farm Improvment Group</p> <p style="text-align: center;">Mile stones since 1997</p> <p>c.)We are working with the local farming systems groups who are liaising with plant breeders and keeping members informed of field days. We have members of these groups on our committee.</p>

<p>d.) Ensure sufficient funds are provided by Governments so that agencies can work at optimum levels on the control of pests and diseases.</p>	<p>d.) Lobby Government Ministries</p>	<p style="text-align: center;">Who is responsible Mile stones since 1997</p> <p>d.) We have taken two deputations to minister Tuckey concerning funds for on ground works in the last two years and will take another to Minister Edwards during Sept 200</p>
<p>e.) Maintain disease and pest free advantages that exist. Develop monitoring systems that indicate the impact of management practices.</p>	<p>e.)Promote existing surveillance systems Regular reports at meetings on key indicators</p>	<p style="text-align: center;">Who is responsible Liebe Group, Morawa Farm Forestry Group, CALM . Mile stones since 1997</p> <p>e.) We are working with the local farming systems groups who are liaising with plant breeders and keeping members informed of field days. We have members of these groups on our committee</p>

INCREASE LOCAL CAPACITY

- a.) Facilitate an improvement in social issues and life style.
- b.) Decentralization
- c) Promotion of local employment
- d.) Catchment administration

Action required	Out puts	Who is responsible
<p>a.) To maintain critical populations to ensure adequate services such as schools, hospitals, freight, telecommunications, and roads.</p>	<p>a.) Work in cooperation with all support groups lobby State Departments to actively support new enterprises. Invite tours of leading business people and policy makers. Hold a key annual seminar to compliment existing events to increase farm productivity Recognition of local groups / businesses who have contributed to increasing local capacity by acknowledgement publicity</p> <p><i>2003 amendment – Some of these roles are the responsibility of the Shire Councils and we would not want to waste resources dealing issues not directly relating to NRM</i></p>	<p>Shires, DC, C of C, Govt. Agencies, Others, YYCMG</p> <p>. Mile stones since 1997</p> <p>a) We have established a close working relationship with all shires operation in the sub region and are negotiating to become involved with them in the establishment of a drainage authority. We have not been involved in tours or seminars. We have had one focus catchment field day at Goodlands We have invited NAAC to share our office space at Perenjori which they have accepted.</p>
<p>b.1) Promote value adding, extend city based industries into country areas</p>	<p>b.1) Encourage Government to provide financial incentives for development of decentralised industry . Study groups in the region who have succeeded in this field.</p> <p><i>2003 amendment – Some of these roles are the responsibility of the Shire Councils and we would not want to waste resources dealing issues not directly relating to NRM</i></p>	<p>Who is responsible</p> <p>State Govt. Shire Councils</p> <p>Mile stones since 1997.</p> <p>We are working on the establishment of a Regional Information Centre based at Perenjori that will provide a range of NRM services to the Region. The Development of Catchman NRM management software Sales and support is included in this initiative.</p>

<p>b.2) Develop incentives for job providers in the region</p>	<p>b.2) Lobby government to waive pay-roll tax, fringe benefit tax, log books etc. <i>2003 amendment – Some of these roles are the responsibility of the Shire Councils and we would not want to waste resources dealing issues not directly relating to NRM</i></p>	<p style="text-align: center;">. Who is responsible</p> <hr/> <p>State and Federal Governments., Shires</p> <hr/> <p style="text-align: center;">Mile stones since 1997.</p> <hr/> <p>b.2.)We have not pursued this initiative.</p>
<p>Action required</p>	<p>Out puts</p>	<p style="text-align: center;">Who is responsible</p>
<p>c.) Create employment for local people.</p>	<p>c.) Promote career opportunities for local students e.g. land care technicians ,project officers, co-ordinators and hydrologists etc. Work with educators so that appropriate training and development opportunities exist in the catchment.</p>	<p>YYCMG, State Gov., NHT, NAP</p> <hr/> <p style="text-align: center;">Mile stones since 1997</p> <hr/> <p>c.) Through NACC we have employed three local people to work out of our offices. We have provided office space for NACC to enable them to employ another local person. We are negotiating to employ another local person as a full time GIS operator /consultant. We also provided contracts for local drilling contractors to establish observation bores. We have secured funding to train NRM support officers and community members in the use of GIS software</p>
<p>d.) Look at future administration needs of YYCG and the possibility of having an accessible data base in one central location.</p>	<p>d.) Consider the implications of employing a co-ordinator The establishment of YYCMG administration and works facility to assist in implementation of Action Plan Prepare a submission to RAFCOR to establish a Business Management Plan.</p>	<p style="text-align: center;">Who is responsible</p> <hr/> <p>NHT, DMA, YYCMG, PMP</p> <hr/> <p style="text-align: center;">. Mile stones since 1997</p> <hr/> <p>d.) We are having difficulty in finding funds to employ a Co-ordinator or executive officer as we would now call that person. The president is filling this role on a part time voluntary basis in the interim. We believe our best option is to raise funds through the shires using the Catchment Authority Initiative and do a trade of with NAP. Negotiations are well in hand to achieve that end. A business management plan projected for a 15 year time frame was developed in April of 2000. We now need to update this document to fit current developments.</p>

Action required	Out puts	Who is responsible
<p>e.) 2003 amendment- Engage all stake holders in the region</p> <p>e 1.) 2003 amendment – We will use the democratic process we have developed to involve all of the community that work and reside in each of the (60) sub catchments in the sub region. We consider that the Geographical Information Recording system that we have established will be the cornerstone of making contact with the community and recording data and developing projects that suit their needs.</p> <p>e 2.) 2003 amendment – We will negotiate with the Seven Shires operating within the Yarra Yarra Sub Regional boundary to form a regional organisation of councils that can be regarded as a Catchment Authority appointing theYYCMG as an implementation committee to develop NRM projects to rehabilitate and maintain the Natural Resources of the Sub Region This concept will deliver ownership to the Catchment Community while addressing regulation and Best Practice Standards.</p> <p>e.3) 2003 amendment – Indigenous members and title holders of our community.</p>	<p>e 1.) The 60 sub catchments (or other number agreed upon by the committee) will be condensed into 11 Zones (or other number agreed upon by the committee). Each Zone will be invited to have a representative sit on the Implementation or Management Committee of the Sub Region Staff members will hold Zone workshops at least once a year to evaluate the requirements of community members in each Zone.</p> <p>e 2.) A series of presentations will be delivered to the Seven Shires in the region promoting the establishment of an alliance or amalgamation with YYCMG to form a Catchment Authority appointing he YYCMG as the implementation management committee</p> <p>e.3) While we have no intention of singling out specific community members we consider that it is necessary to have a policy regarding the indiginous community in case it is considered that we are over looking them.</p>	<p>YYCMG, Shires of Dalwallinu, Perenjori, Morawa, Three Springs, Wongan Ballidu, Koorda, Carnamah. Paul Bowers</p> <p>Mile stones since 1997</p> <p>e 1.) By using topographical information provided by DOLI we have identified catchment areas of primary and secondary significance to establish sub catchments and Zones for management and administration purposes. We have conducted a series of Zone workshops and have established that 85 farmiers have requested funding assistance in addressing 218 individual drainage problems totaling 510 kms in length.</p> <p>e 2.) Presentations have been to delivered to the Seven Shire Councils involved culminating in a meeting of Shire delegates held in Dalwallinu on the 16th May 2003. The meeting resolved that a Regional Organisation of Councils should be formed to manage the Natural Resources of the Yarra Yarra sub region. It was resolved that the YYCMG was an appropriate body to act as an implementation committee. An agreement of establsihment is in the process of being drawn up.</p> <p>e.3) Using our Cadstral information we will identify all native title land in the Sub- region and contact the appropriate authority to put us in touch with the owners so that we may invite them to our Zone workshops. The Youangarra LCD are interested in forming a partnership in protection and enhancement for lakeside flora and fauna.</p>

FUNDING AND FINANCE

- a.) Gain resources for whole of catchment.
- b.) Funding for the effective operation of YYCG.
- c.) Pursue increased tax incentives for conservation works.

Action required	Out puts	Who is responsible
<p>a.) LCD's should develop projects that relate closely to the overall YYCMG strategies to comply with Federal objectives to have a coordinated regional approach to catchment management.</p>	<p>a.) Keep LCD's informed of what is occurring across the whole catchment and advise proponents. Submit projects under the wider umbrella of the YYCMG</p>	.YYCMG
		Mile stones since 1997
		<p>a.) Under the new regional strategy all projects will be submitted on behalf of the sub regions through NACC to Maintain this regional approach</p>
<p>b.) YYCMG needs funds for Secretarial Services and operating expenses.</p>	<p>b.) Develop a budget. Ensure continued AgWA participation. Continue Shire and LCD levy (annual donations)</p>	Who is responsible
		Shires, LCDs ,AGWA
		Mile stones since 1997
<p>b.) In consultation with AGWA we are negotiating to establish the Yarra Yarra Sub region as one LCD this will give Yarra Yarra the authority to strike a rate in conjunction with the Shires.</p>		
<p>c.) Increased tax breaks for conservation work would provide the necessary incentive for land holders. Need to win wider support.</p>	<p>c.) Continue lobbying Government Ministers. Yarra Yarra could provide a strong lobby group being 4.5 % of the agricultural land in W.A.</p>	Who is responsible
		Fed Govt.
		Mile stones since 1997
<p>c.) Once we have our projects established and accredited on a regional basis then we will be in a strong position to lobby for tax incentives</p>		
<p>d.) Create business opportunities in NRM for YYCMG</p>	<p>d.) Establish markets for Catchman software and develop a support and training facility. Promote other services such as drilling , surveying and monitoring services. Establish a business plan</p>	Who is responsible
		Rokit Science, YYCMG, NACC, Esri
		Mile stones since 1997
<p>d) We have secured a significant drilling contract and have sold around 50 copies of Catchman. We have obtained some funding to help with training A business plan has been created projected for 15 years which indicates a cost of \$87,000,000 to reach full implementation.</p>		

