

CAMP CYPRUS

Inception Workshop

19-20 January 2006

Coastal Area Management Project
Implemented by MAP and the Cyprus
Government through the
Environment Service

Mr Glafkos Constantinides
PAP/RAC Consultant



CAMP Cyprus background and preparatory activities

- Monaco meeting of CP 2000
- PAP/RAC missions to Cyprus 2001
- Feasibility – Diagnostic Report 2002
- Deliberations at Catania of CP 2003
- Further PAP/RAC missions 2004-5
- CAMP Cyprus Agreement June 2005
- Presentation of CAMP Cyprus September 2005



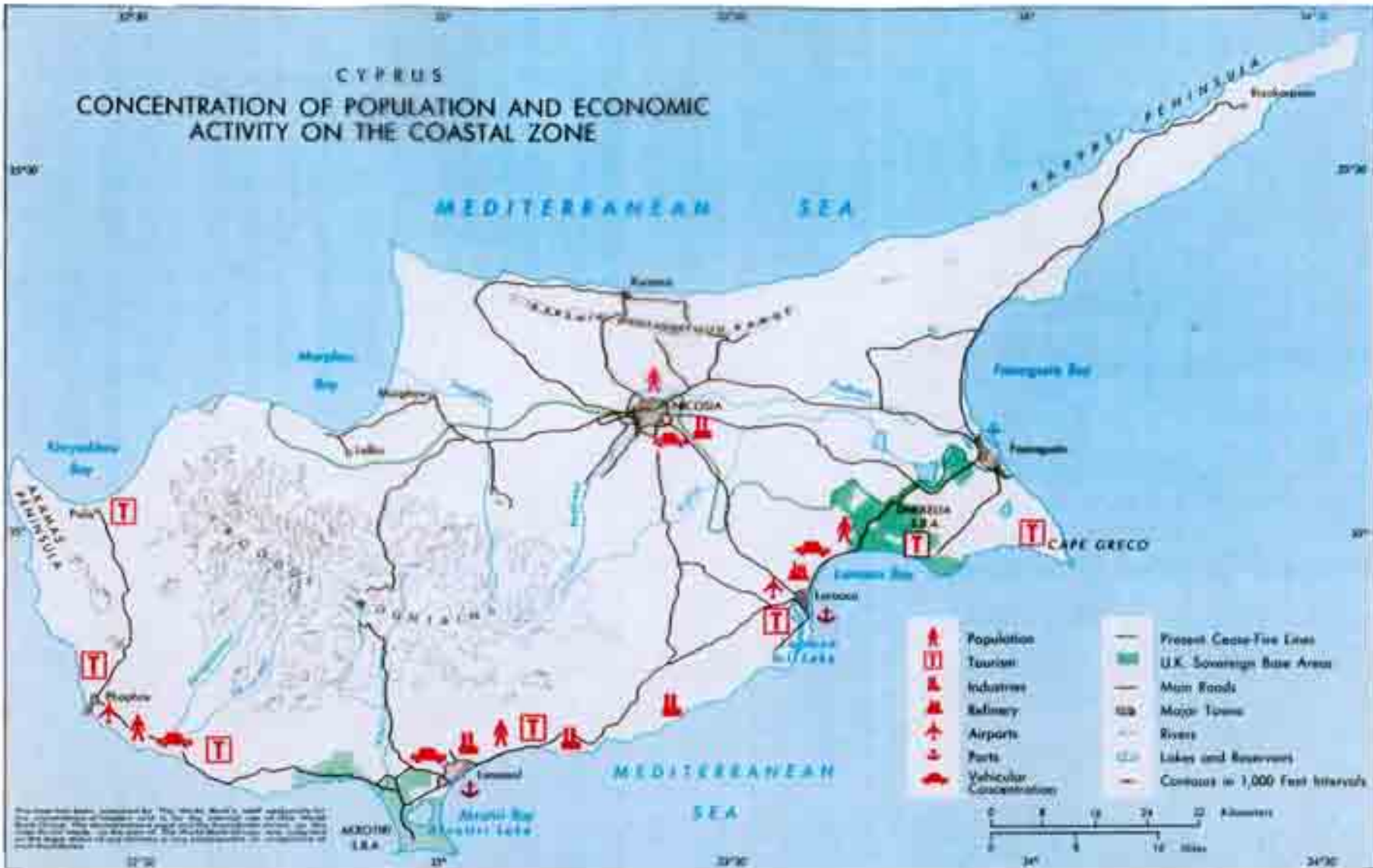
Focus of CAMP Cyprus

- Policy problems and conflicts
- Methodologies for Integrated approach
- Tools for implementing an integrated approach

- Inspired and guided by UNEP-MAP wider CAMP Programme PAP/RAC ICAM RACs specialized inputs and SD framework



CYPRUS CONCENTRATION OF POPULATION AND ECONOMIC ACTIVITY ON THE COASTAL ZONE



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Population & Tourism pressures on coastal zone

- 50% of population
- 90% of tourism accommodation
- 40% - 60% of GDP (direct + indirect + induced)
- Energy production
- Ports & Airports
- Cement industry



Time span of CAMP

- 2 years 2005/2006-2008



Activities of CAMP

- *Methodology of ICAM*
 - Sustainability Analysis & Indicators
 - Biodiversity concerns
 - Remote Sensing Diagnosis
- *Tools of ICAM*
 - Carrying Capacity Assessment
 - Strategic Environmental Assessment
 - Environmental Economics (RV&EI)
 - PP & Communication

Application Pilot Studies



CAMP Project Management

- National Project Director (MAP Focal Person)
- Steering Committee
- MAP Task Manager
- National Project Coordinator



Project Management**MAP – PAP/RAC**

PAP/RAC Director

Project Management Structure**Cyprus counterpart**

National Project Director

Director of Environment Service

Steering Committee

Chairman – National Project Director

Members / Partners

Dept. of Town Planning & Housing & Min Interior

Dept. of Agriculture

Planning Bureau

Union of Municipalities

Cyprus Tourism Organization

Union of Rural Communities

Dept of Fisheries and Marine Research

Chamber of Commerce and Industry

Water Development Dept.

Cyprus Scientific Technical Chamber

Forestry Dept. / NRI&RSC

Fed. Environmental/Ecological Organizations

Project Support Team**MAP – PAP/RAC**

MAP-PAP/RAC Project Task Manager

Cyprus counterpart

National Project Coordinator

Project Activities**I. Co-ordination and
Integration of Project
Activities****II. Methodology of
Integrated Coastal Area
Management****III. Tools of Integrated
Coastal Area
Management****IV. Public participation and
Awareness**

CAMP Work force & Roles

- RACs & MAP Consultants (commissioned by MAP)
- National Consultants (Commissioned by CY Govt & ES)
- Activity Team Leaders
- National Experts
- Local level participation



CAMP Area

- The whole coastal area (issue-led approach)
- With local area focus (to capture application opportunities and problems)



CAMP Cyprus



KYPROS (CYPRUS)

Km 10 5 0 10 20 30 Km

A scale bar with markings at 0, 5, 10, 20, and 30 kilometers.

Map prepared by Natural Resources Information & Remote Sensing Centre
Ministry of Agriculture, Natural Resources & Environment - Cyprus 2002

Pilot Application Locations

- Larnaca / Salt lakes / Meneou / Kiti coast
- Chrysochou Bay – Paphos District NW
- Paphos town / Kyssonerga / Khlorka
- Peyia coastal
- Moni – Vassiliko – Zygi coastal area
- Oil refinery coastal strip outskirts of Larnaca



Pilot locations criteria

- Conflicts and problems
- Multiple land uses
- Multiple authorities
- Multiple programmes / on-going policies
- Quality of results for application
- Transfer of experiences



Stakeholders Participation

<i>ICAM Methodology</i>	<u>National level Ministries</u>
–Sustainability Analysis	Interior
–Biodiversity concerns	MANRE
–Remote Sensing	MCIT, MCW
<i>Tools of ICAM</i>	<u>National level Depts</u>
–Carrying Capacity Assessment	DTPH, CTO, PB, Agriculture, Forestry, DFMR, CU, NRIREC
–Strategic Environmental Assessment	WDD, LS, GS, SR
–Environmental Economics (RV&EI)	<u>NGOs</u> – TCh, FEEA
<i>Public Participation/Communication</i>	<u>Local authorities</u> – LM, LCC

Project Manpower Resources

<i>MAP RAC Consultants</i>	<i>National Specialists</i>
ICAM Methodology – PAP/RAC	Coastal development
Sustainability Analysis - Blue Plan	Coastal development /cross sectoral
Biodiversity – SAP/RAC	Environmental / Landscape
Remote Sensing – INFO/RAC	GIS / Mapping
Carrying Capacity – PAP/RAC	Tourism / Planning
Strategic Environmental – PAP/RAC	Environmental / Land use
Environmental Economics-PAP/RAC	Economist
Public Participation – PAP/RAC	Information - Communications

Project Manpower Resources

- Activity Team Leaders
National policy experts / advisers
(from participating Departments)
- National Team members
Issue-related national experts
(from participating Departments)



Summary of work team responsibilities and outputs

Work Teams	Responsibilities	Outputs
PAP RAC Task Manager	Coordination	Liaison with PAP RAC, assessment of consultant activity documents, integration of results and preparation of Draft Final Project Document
MAP RACs Consultants	Elaboration and incorporation of respective activity methodologies in the national policy framework	<u>Guidelines Document</u> , <u>Case Study Results Document</u> and <u>Final Strategy Document</u>
National Specialists	Provision of national level inputs and work support to the MAP RACs consultants	Supporting reports and documents
Team Leaders	Guidance and advice	Periodic meetings with the MAP RACs consultants and national specialists
Team Members	Guidance and advice	Periodic meetings with the MAP RACs consultants and national specialists

CAMP Cyprus



KYPROS (CYPRUS)

Km 10 5 0 10 20 30 Km

A scale bar with markings at 0, 5, 10, 20, and 30 kilometers. The bar is divided into segments corresponding to these distances.

Map prepared by Natural Resources Information & Remote Sensing Centre
Ministry of Agriculture, Natural Resources & Environment - Cyprus 2002



COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 1 - LARNAKA SALT LAKE



LEGEND

- MOTORWAY
- ASPHALTED ROAD
- LOOSE SURFACE ROAD
- CONTOUR LINES V: 20 m
- BUILT UP AREA



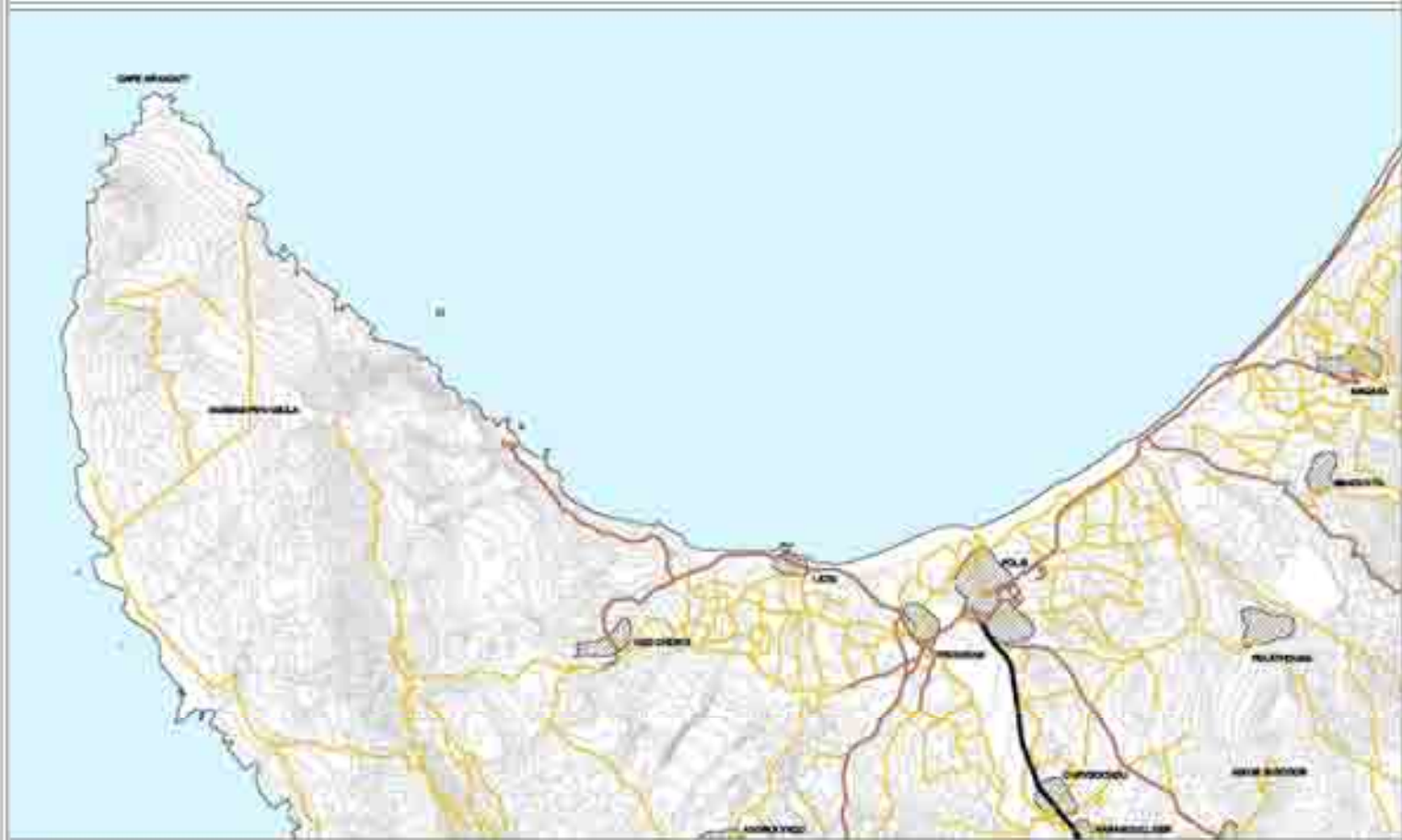
MAP NUMBER: CAMP1
LFX/016/A - DECEMBER 2006

MAP PRODUCED BY:
NATURAL RESOURCE INFORMATION & RECREATION CENTRE
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COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 2 (POLIS CHRYSOCHOU BAY)



LEGEND

- MOTORWAY
- ASPHALTED ROAD
- LOOSE SURFACE ROAD
- DISTANCE LINES (1:500)
- BUILT UP AREA



MAP NUMBER: CAMP
MAP PRODUCED BY:
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COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 3 (Northern Peri-Urban Coastal Area of Pafos)



LEGEND

- UNCLASSIFIED ROAD
- ASPHALTED ROAD
- DIRT/BURIAL ROAD
- CONTOUR LINE 10m
- BUILT UP AREA



MAP NUMBER - CAMP3
MAP PRODUCTION
NATIONAL RESOURCE INFORMATION & REMOTE SENSING CENTRE
MINISTRY OF AGRICULTURE, NATURAL RESOURCES & ENVIRONMENT
12/10/08 - DECEMBER 2008



COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 5 (Pagia Coastal Area)



LEGEND

- HIGHWAY
- ASPHALTED ROAD
- LOCAL SURFACE ROAD
- HOROCHE LINE V.L. 20-4
- BUILT UP AREA





**COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 4 (MONI-VASILIKO-ZYGI)**



LEGEND

-  MOTORWAY
-  ASPHALTED ROAD
-  LOOSE SURFACE ROAD
-  CONTOUR LINES V.L. 20 m
-  BUILT-UP AREA

MAP NUMBER : CAMP
LEFKOSIA - DECEMBER 2005

MAP PRODUCTION :
NATURAL RESOURCE INFORMATION & REMOTE SENSING CENTRE
MINISTRY OF AGRICULTURE, NATURAL RESOURCES & ENVIRONMENT





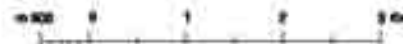
COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS) TOPOGRAPHICAL MAP OF THE PROPOSED AREA 8 (LARNAKA BAY)



LEGEND

- MOTORWAY
- ASPHALTED ROAD
- LOOSE SURFACE ROAD
- CONTOUR LINES V.I. 20 m
- BUILT-UP AREA

MAP NUMBER : CMAP8
LEFKOSIA - DECEMBER 2006
MAP PRODUCTION :
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COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 1 - LARNAKA SALT LAKE



LEGEND

- MOTORWAY
- ASPHALTED ROAD
- LOOSE SURFACE ROAD
- CONTOUR LINES V: 20 m
- BUILT UP AREA



MAP NUMBER: CAMP1
LIFNOGA, DECEMBER 2006

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**COASTAL AREA MANAGEMENT PROGRAMME FOR CYPRUS (CAMP-CYPRUS)
TOPOGRAPHICAL MAP OF THE PROPOSED AREA 4 (MONI-VASILIKO-ZYGI)**

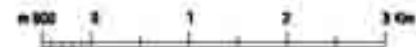


LEGEND

-  MOTORWAY
-  ASPHALTED ROAD
-  LOOSE SURFACE ROAD
-  CONTOUR LINES V.L. 20 m
-  BUILT-UP AREA

MAP NUMBER : CAMP
LEFKOSIA - DECEMBER 2005

MAP PRODUCTION :
NATURAL RESOURCE INFORMATION & REMOTE SENSING CENTRE
MINISTRY OF AGRICULTURE, NATURAL RESOURCES & ENVIRONMENT



Expected outputs

- Better understanding of ICAM and SD
- How it can be used to address use conflicts and policy harmonization needs
- Use of tools
- Incorporation into policy framework
- Local level awareness and participation
- Leading towards an integrate approach to CZM
- Contributions to regional cooperation and experience and lessons for wider application

