

Developing and Funding Projects for Water Management in Samoa

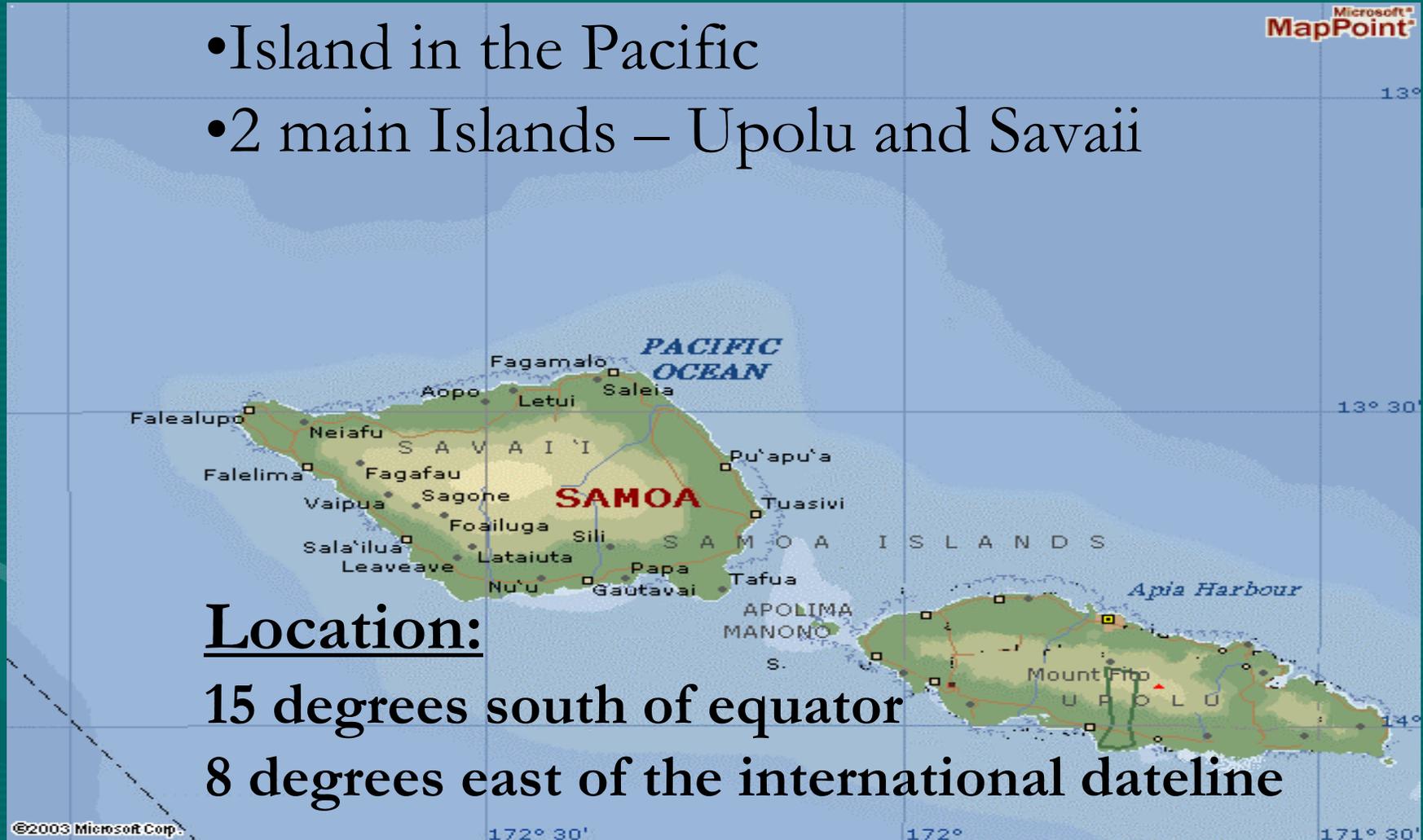
Presented by:

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Samoa Water Authority

Samoa: Background

- Island in the Pacific
- 2 main Islands – Upolu and Savaii



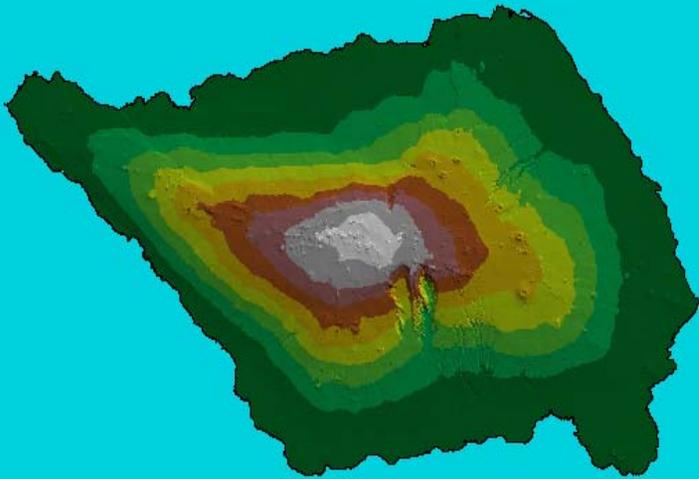
Location:

15 degrees south of equator

8 degrees east of the international dateline

1700 miles north east of New Zealand

Samoa

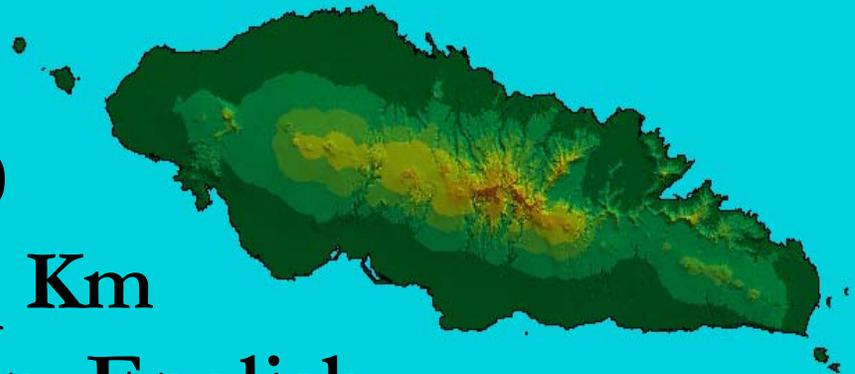


Capital: Apia

Population: 169,000

Land area: 2,935 sq Km

Languages: Samoan, English



Overall Development Goal

“Ensuring community access to water of suitable quality and appropriate quantities to meet all reasonable health, environmental and economic development needs”

-with an emphasis on improving public health

Project Funding

National Approval- Ministry level

- Ministry of Finance (2 Divisions)
 - All Project channeled through one Ministry for co-ordination
 - Allocates Donor Agency to Project
 - MOF- Economic, Policy and Planning Division (EPPD)
 - Ensure project in line with Country Strategy for Development Policy (SDS-3 yr)
 - MOF- Aid and Debt Management Division (ADMD)
 - Oversee donor funded projects and repayment of loans
 - Approval for Projects less than \$100,000
 - Role: National Authorizing Officer

Project Funding

National Committee Approval

- 2 Committees
 - Cabinet Development Committee (CDC)
 - Comprised of Ministry and government corporations CEOs and Cabinet Ministers
 - Endorse project proposal
 - Aid Co-ordination Committee (ACC)
 - Final approval for project to proceed
 - Comprise of Prime Minister (chair) and 6 Cabinet Minister (Finance, Works and Infrastructure, Environment and related Ministers (according to type of project)

National Funding Approval

Ministry of Finance

EPPD

Economic Policy and
Planning Division

Project > \$100,000

ADMD

Aid and Debt
Management Division

Project < \$100,000

CDC

Cabinet Development Committee

ACD

Aid Co-ordination Committee

Project approved to proceed

Water Management Projects and Studies (1989- 2004)

- Water Infrastructure
 - Apia Water Supply Project- 1989
 - Apia Water Supply Consolidation Project – 1999- 2000
 - Rural Water Supply Project- June 2000- Dec2002
 - Rural Water Supply Consolidation Project – 2004-2006
- Resource Management
 - Vaisigano Watershed Programme – 1991
 - International Waters Project - ongoing
- Studies
 - Water Resource & Supply Master plan Study – 1996
 - Rural Water and Sanitation Study – 2004

Water Management Projects

- SWA-ISP: Institutional Strengthening Project (98-04)
- Samoa Sanitation and Drainage Project – commencing 2005 -2008
- Water Sector Support Programme- to commence 2006
 - SWA –lead implementing agency

Outcomes of Water Management Projects

– Main Water Infrastructure

- Town area (AWSP)
 - Treatment Plants (3) and pipe reticulation- 1989
- Chlorination of water and metering of customers (AWSCP)-1999
- Rural Area (NW Upolu and SE Savaii)
 - Treatment Plants (2), Boreholes and reservoir and pipe reticulation- 2000-2002
 - 24hr quality water supply and metering of customers

– Watershed area management & conservation

- Replanting & Protection of watershed area
- Public awareness/Pilot project: community involvement (IWP)

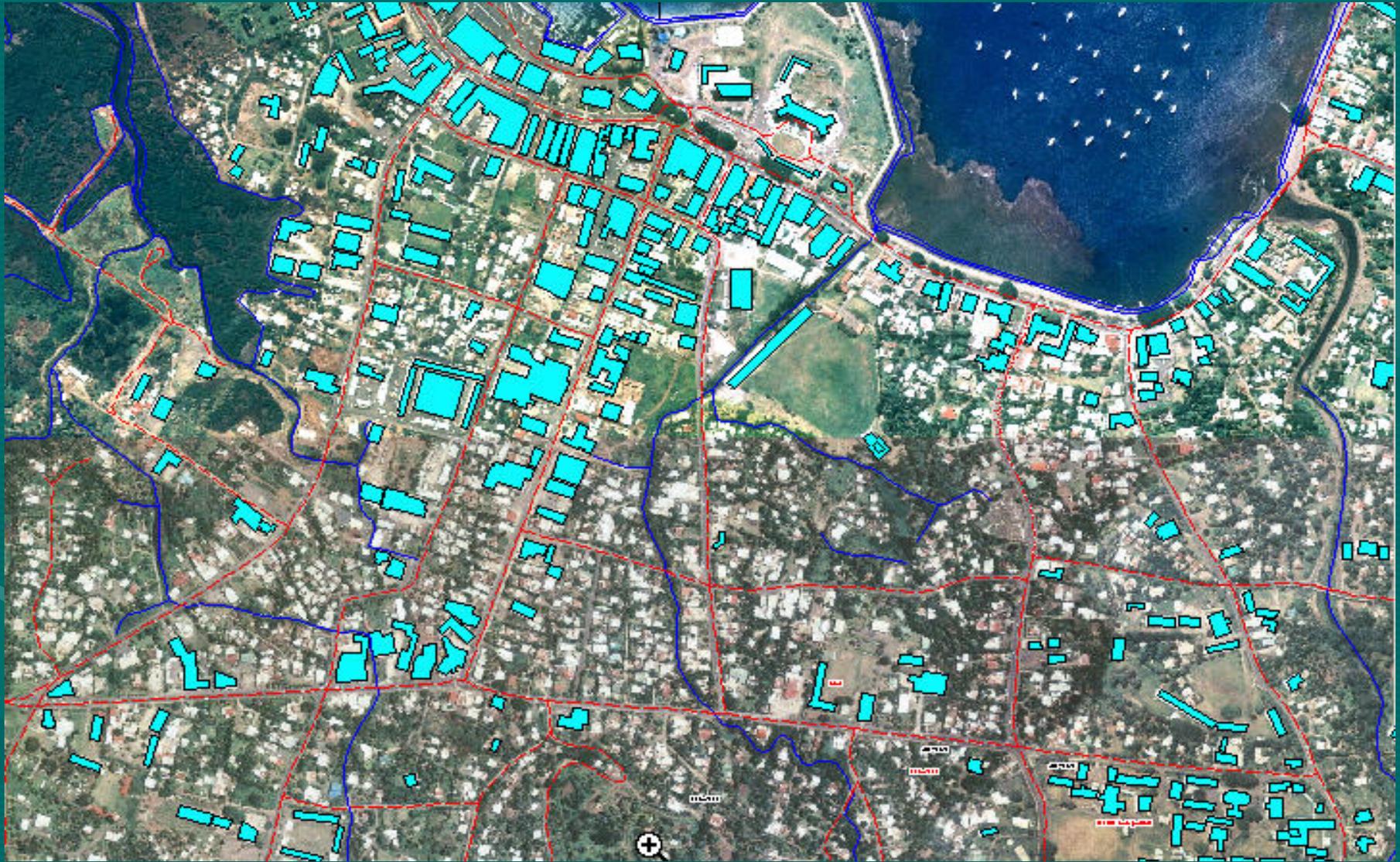
Outcomes of Water Management Projects/ Milestones

- Samoa Water Authority – autonomous corporation set up/ removed from under the Public Works Department (1996)
- ISP – assist with legislative review of SWA function and Corporate, finance and asset management capacities.

Alaoa Treatment Plant



Apia Town Area



Developing Water Management Projects- NEW APPROACH

Sector-Wide approach

Commitment to common action based on unified approach

- Water Sector – Main Stakeholders
 - Water Resource- Ministry of Natural Resource and Environment
 - Water Supply – Samoa Water Authority
 - Monitoring of water borne disease- Ministry of Health
 - Monitoring of Resource- Meteorology Division (MNRE)
- Project developed in accordance with Sector Plan

Water Sector



Due to the interlinkages and complexities
water is best tackled as a sector

Sector Wide Approach- Key items

SECTOR PLAN

- Water Sector Policy and Action Plan
 - National Water Policy
 - 2 policies to form overall water sector policy
 - Water Resources Policy (2001 rev:2004)
 - Water Services Policy (early 2005)
 - Water Sector Roadmap- 2003/2004
 - Key milestones and targets for sector development which are consistent with the policy framework.
 - Framework for Action /Action Plan

Water Board/ Committee

- Committee to be formed to oversee all water issues
- Existing Land Board structure in place
 - Replicate same structure with the Water Sector committee

Benefits

- National Water Resource Policy implementation
 - Greater Public Awareness of water resource issues
 - Increased stakeholder involvement in protection of watershed areas
 - More community participation in the conservation of water sources
 - Protection of water bodies from adverse human activities
 - Equitable access to water
 - Efficient allocation of water to various users
 - Adoption of integrated water resources management principles and practice
 - Conservation and protection of water catchments areas and water sources

Benefits (2)

- National Water Services Policy
 - Improved Public Health through increased access to quality water-related services
 - Clear and appropriate standards of service
 - Improved levels of cost recovery and financial viability of service providers
 - Strengthened Institutional capacity to sustain water services
 - Improved levels of performance and higher system efficiencies
 - Greater Public awareness of responsible water management and use
 - More effective sector governance and oversight

Water Sector Support Project – Sector wide approach

		Physical Works Implemenation																																																					
Calendar Year	2005	2006												2007												2008												2009												2010					
Calendar Month	7	8	9	#	#	1	2	3	4	5	6	7	8	9	#	#	1	2	3	4	5	6	7	8	9	#	#	1	2	3	4	5	6	7	8	9	#	#	1	2	3	4	5	6	7	8	9	#	#	1	2	3	4	5	6
Financial Year	2005/6						2006/7						2007/8						2008/9						2009/10																														
Water Schemes																																																							
Project prep																																																							
Upolu Phase 1							Lot 1																																																
Savaii Phase 1							Lot 2																																																
Upolu Phase 2							Lot 3																																																
Savaii Phase 2							Lot 4																																																
Upolu Phase 3													Lot 5																																										
Sanitation																																																							
Schools							Lot 6																																																
Hospitals							Lot 6																																																
Upolu sludge beds													Lot 6																																										
Savaii sludge beds													Lot 6																																										
Water resources																																																							
Measuring sites							Hydrology																																																
Observation BHs							Section																																																

Difference in Sector-Wide approach

- Integrated approach for water management projects
- Donor Agencies contribution to Sector plan not limited as more easily identified (no overlap)
- Move away from Traditional project-based support
- Allow for future Budget support type
- Improvement in performance monitoring-essential component of sector support.

Space program application

Potential use

- PUMA (Planning and Urban Management Agency)
 - Monitoring of Environment Impact via up to date Satellite image.
 - Provision of Data and analysis from Datasets
 - Medium to Long term effects of Developments (reclamations/ subdivisions)
- Meteorology
 - Transmission of water flow measurement and gauges (Telemetry)
- MNRE Water Division
 - Improved knowledge and understanding of water resources nationwide to assist with forming Policies.
 - Disaster response plans
- SWA
 - Telemetry/ Transmission for monitoring water usage and operations of systems.

Fuipisia Waterfall



Invitation

South Pacific Games 2007
Samoa



New Water user – Aquatic Center

Thank You

