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Australian Government

AusAID

# Australia China Environment Development Program

Peter Sutherland, GHD Business Leader, Water  
Resources



# Background of ACEDP

- \$25m Australian Government, AusAID Initiative
- **Supporting and improving policy development** in China in the area of environmental protection and NRM
- Initial focus of Program is WRM and IRBM
- GHD appointed Managing Contractor 1 July 2007
- Program will promote high level Govt-to-Govt environmental policy dialogue and capacity building

# The Policy Imperative

‘China’s **11th Five Year Plan** (2006-10) emphasises energy saving and environmental protection.’

“The primary objective of national economy and social development is to increase GDP by 8% on the basis of optimising structure, improving benefit, saving energy and protecting the environment.”

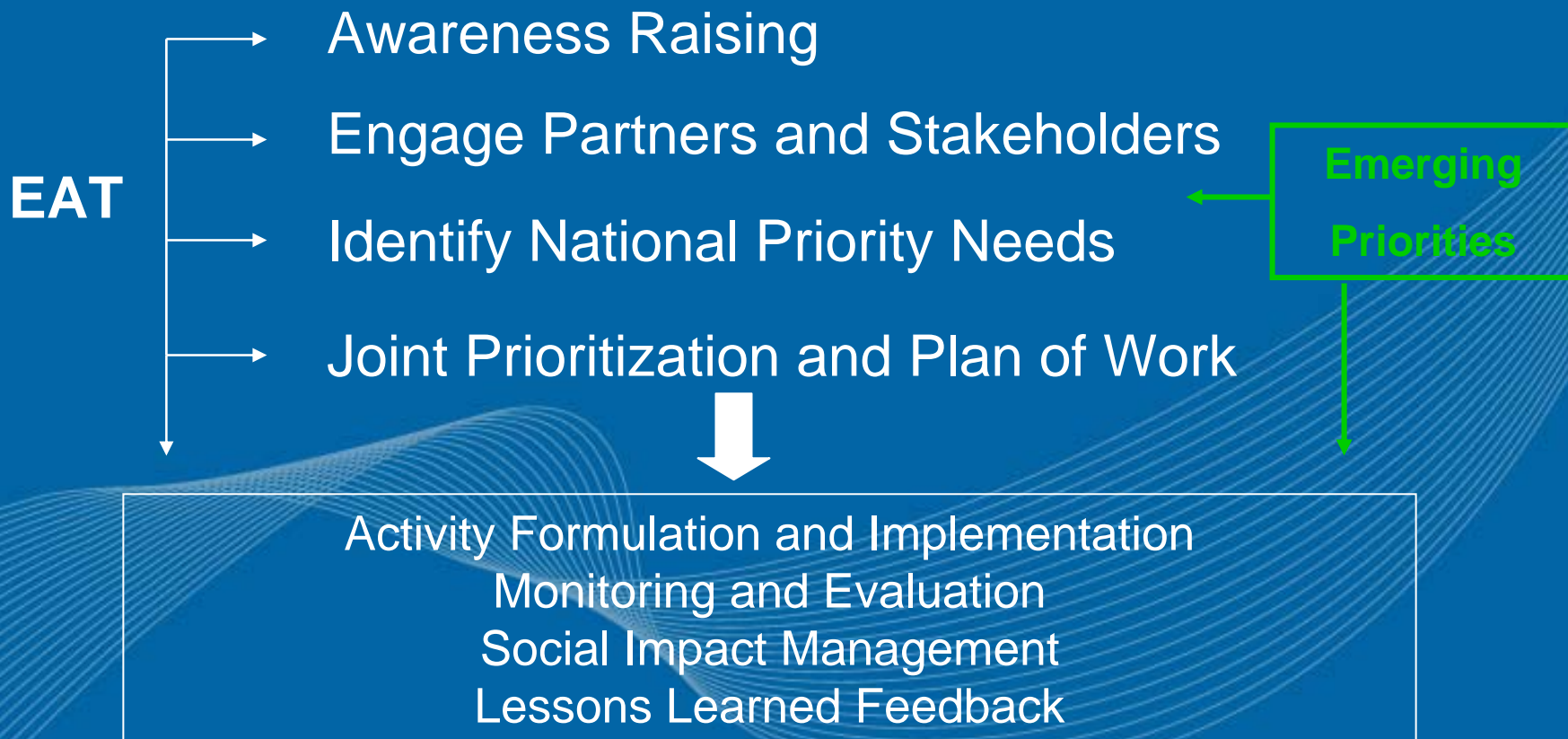
Economic Growth, Employment, Social Stability, Sustainable Environment and Water Management



# Outcomes of ACEDP

- Enduring partnerships between Australian and Chinese agencies
- Strengthened environmental policy development
- Implementation of pilot activities utilising good environmental governance and practices

# Management – The Planning Process



# Unique Aspects of ACEDP

- Dynamic and flexible Program structure
- Core Program partners in Australia and China drive how ACEDP addresses China's national environmental policy priorities
- Program supported by Environment Advisory Team comprising Chinese and Australian experts who will independently assess strategic direction of program
- Program has capacity to respond to emerging environmental policy priorities

# Key players

| Program Owners | Core Chinese Partner Agencies | Core Aust Partners | Managing Contractor                     |
|----------------|-------------------------------|--------------------|---|
| AusAID         | MWR                           | DEW                | Program Manager -<br>Gunther Mau        |
| MOFCOM         | SEPA                          | MDBC               | Policy Specialist -<br>Peter Sutherland |
|                | NDRC                          | NWC                | Program Director -<br>Jin Zhang Zou     |
|                | SFA                           | CSIRO L&W          | Deputy Program Manager-<br>Qingping Zhu |
|                |                               |                    | Interim Chair EAT –<br>Peter Millington |



# GHD Offices and water/environment projects in China

Over 200 people in six permanent offices



Long term engagement in water and environment sector



# Progress to Date

- National Partner Workshops held in Canberra and Beijing
- Establishment of Priority areas for policy exchange
- Currently seeking activity proposals from Aust and China agencies for first annual plan
- Joint-high level roundtable meeting to be held in Beijing 25<sup>th</sup> September
- Appointment of interim Chair of EAT – Mr Peter Millington

# Priority Areas of Policy Exchange (Yr 1)

- Interagency coordination
- Institutional / legal frameworks
- Water Conservation technology
- Capacity building
- Water quality / quantity management
- Water / environment technology
- Irrigation Management
- Basin Management



# Further Information

- Program Manager – Gunther Mau  
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- Senior Policy Specialist – Peter Sutherland  
[peter.sutherland@ghd.com.au](mailto:peter.sutherland@ghd.com.au)
- Program Liaison Officer – Mark Thomson  
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# National Flood Management Strategy Study- 2004-06

- GHD with Institute for Water Resources & Hydro power Research (IWRHR)
- For Ministry for Water Resources
- Funded by an Asian Development Bank advisory technical assistance grant
- A\$ 730,000

## NATIONAL FLOOD MANAGEMENT STRATEGY STUDY

PREPARED BY  
GHD PTY LTD  
INSTITUTE FOR WATER RESOURCES AND HYDROPOWER RESEARCH (IWRHR), BEIJING



# Objective

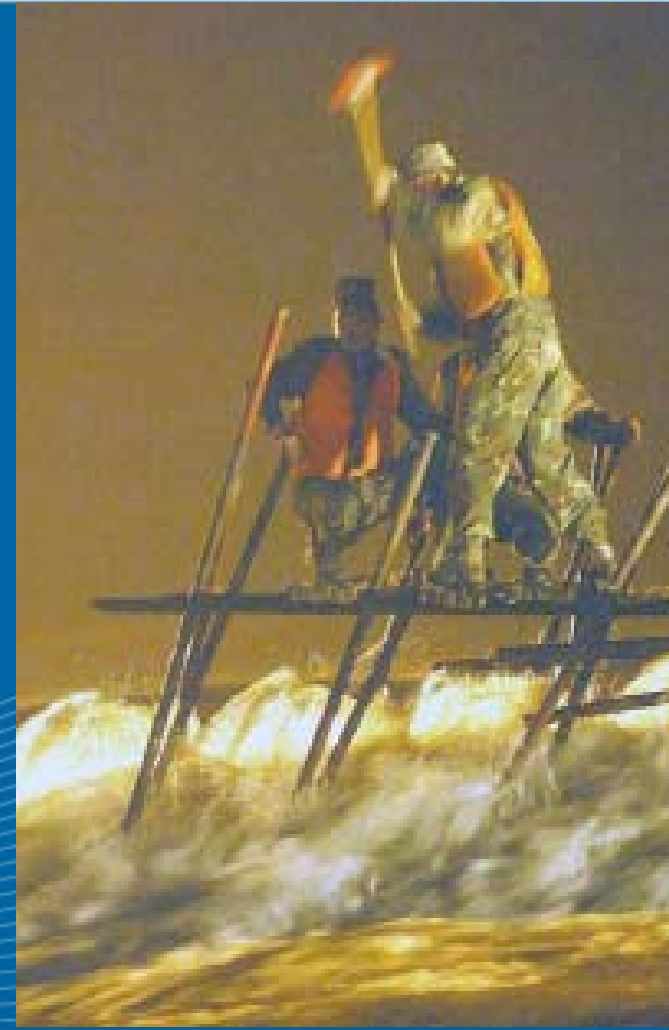
To promote sustainable economic and social development through effective flood management measures

Losses from Flooding in China since 1990 averaged a US\$15 b a year (2000 values)



# Background

- Damaging Floods of 1998
- Move to integrated approach away from flood control to Flood Management
- Flood management measures, include:
  - Risk Management
  - Management of human activity
  - Use of Flood waters as a resource





# Approach

Framework for integrated Flood Management was based on reviews of :

- Current flood management practice in China through case studies of six provinces
- Advanced flood management practice internationally



# Key Elements

- Institutions
- Planning
- Managing Flood Hazard
- Managing Exposure
- Managing Vulnerability to residual risk

Figure 1: Strategic Framework for Integrated Flood Management



# Outcomes

- Flood Management Action Plans
- a roadmap for further work on the use of flood waters to:
  - improve groundwater recharge
  - supplement water supply
  - stabilise river flows for urban and rural use; and
  - improve water supply to ecologically important habitats.

Figure 7.1: Action Plan Components





Thank you

