

# **ACHIEVING ENVIRONMENTALLY SUSTAINABLE ECONOMIC GROWTH IN PNG**

## **ENVIRONMENTAL ECONOMICS TOOLS & APPROACHES**

### **WORKSHOP FOR DECISION-MAKERS AND RESEARCHERS WITH GOVERNMENT OF PNG, UNITED NATIONS & EEPSEA**

#### **DRAFT WORKSHOP AGENDA**

##### **Day 1 – Policy Overview**

8.30 – 9.00 **Registration**

9.00 – 9.30 **Welcome, Introductions and Overview of Workshop**  
Representative(s) of PNG government/UNDP/EEPSEA

9.30 – 10.30 **Session 1 – Economics of Environmentally Sustainable  
Economic Growth: Introduction** by Paul Steele (Economic Concepts of  
Sustainable Development, Millennium Development Goals, Climate  
Change, Natural Resources and Environment in the PNG Economy)

Discussant: Ministry of Finance

10.30 – 11.00 Tea/Coffee Break

11.00 – 12.30 **Session 2 – Causes and Solutions for Environment and  
Natural Resources Problems: Institutional, Policy and Market  
incentives** by David James

Discussant: Department of National Planning

12.30 – 13.30 Lunch

13.30 – 15.00 **Session 3 – Economic valuation of the environment** by  
Billy Manoka

Discussant: DEC

15.00 – 15.30 Tea/Coffee Break

15.30 – 17.00 Session 4 – **Break-out Discussion Groups – Key institutional, policy and market failures in PNG and how they can be corrected** (water and marine resources, land and minerals, agriculture and forestry etc)

Day 2 – Policy Overview

9.00 to 10.30 Session 5A – **Economic of Climate Change: Adaptation and Mitigation:** by David James and Paul Steele

Discussants: Climate Change Office, Forestry Authority

10.30 – 11.00 Tea/Coffee Break

11.00 – 12.30 Session 6A – **Economic Management of Non-renewable Resources (Land, Minerals, Energy)** by David James and Billy Manoka

Discussants: Mineral Regulatory Authority, Chamber of Mines

12.30 – 13.30 Lunch

13.30 – 14.30 Session 7A: **Economic Management of Renewable Resources (Forestry, Fisheries, Agriculture, Water)** by Paul Steele and Budy Resosudarmo

Discussants: Fisheries Management Authority, Forestry Authority, Department of Environment and Conservation

15.00 – 15.30 Tea/Coffee Break

15.30 – 16.30 Session 8: – Report back of break out groups of **Key institutional, policy and market failures in PNG and how they can be corrected** (water and marine resources, land and minerals, agriculture and forestry etc)

16.30 – 17.00 Session 9 – **Policy Conclusions and Recommendations** by PNG Government, UNDP and EEPSEA

### **Day 3 – Technical Sessions**

9.00 – 10.30 Session 10 – **Applications of Cost benefit analysis and Economic Valuation** Techniques I by Billy Manoka

10.30 – 11.00 Tea/Coffee Break

11.00 – 12.30 Session 11 – **Cost benefit analysis and Economic Valuation** Techniques II – case study applications by Billy Manoka

12.30 – 13.30 Lunch

13.30 – 15.00 Session 12 – **Macro/Multi-Sectoral/CGE Models** for Development Planning I by– Budy Resosudarmo

15.00 – 15.30 Tea/Coffee Break

15.30 – 17.00 Session 13 - **Macro/Multi-Sectoral/CGE Models** for Development Planning II – case study applications by– Budy Resosudarmo

### **Day 4 – technical sessions (continued)**

9.00 – 10.30 Session 14 – **Economics of Renewable Resources – Modelling Forestry** by David James and Billy Manoka

10.30 – 11.00 Tea/Coffee Break

11.00 – 12.30 Session 15 - **Economics of Renewable Resources – Modelling Fisheries** by Budy Resosudarmo

12.30 – 13.30 Lunch

13.30 – 15.00 Session 16 – **Economics of Water Resources** by Budy Resosudramo

15.00 – 15.30 Tea/Coffee Break

15.30 – 17.00 Session 17 – **Economics of Non Renewable resource: Land and Minerals** by David James and Billy Manoka

**Day 5 – technical Sessions (continued)**

9.00 – 10.30 Session 18 -- **Presentation on EEPSEA research grant application** by David James

10.30 – 11.00 Tea/Coffee Break

11.00-12.30 Session 19 - **Break-out Discussion Groups: Review of Economic Tools and Techniques and themes for possible EEPSEA research in PNG**

12.30 – 13.30 Lunch

13.30-15.00 **Report back of Discussions: Review of Economic Tools and Techniques and themes for possible EEPSEA research in PNG**

15.00 Conclusions and workshop close