

Ghana Team's Experience

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Netherlands Organisation for Scientific Research
WOTRO Science for Global Development

Introduction

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Came together as a strong team to achieve a common goal



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Personnel involved in Ghana

- Prof. Kwasi Appeaning Addo



- Dr. Barnabas Amisigo



- Dr. Edem Mahu



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Impact of the project

- The project has impacted on the research life of the Ghana team and increased our knowledge in the Green Port philosophy
- The stakeholder workshop was very enriching and informative
 - Learnt from the methodology adopted for the stakeholder engagement
 - Participatory process focused on co-learning, co-creating and co-operation which facilitate growth
 - Open and frank discussions with participants
 - New knowledge from the participants
 - Expectations of a future sustainable Tema Port



Outcome of Ghana workshop

➤ Five needs were identified during the workshop in Ghana

- Need 1: Economic value of Greenports
 - Short and long-term economic values are key to decision-making and amongst the most pressing information needs.
- Need 2: Improving efficiency of port functioning
 - improving the efficiency of Tema Port operations.
- Need 3: Limited hinterland connections
 - Hinterland connectivity is key to integrated port development
- Need 4: Protection of (eco)tourism opportunities
 - creating long-term value from eco-tourism
- Need 5: Protection of livelihoods
 - negative impacts on livelihoods of populations in the port region and hinterland



Some Lessons Learnt

- Strong linkage between port activities and the Volta delta
 - Need to develop water transport to increase economic activities in the delta
 - Enhance tourism potential in the delta
 - Balance between economic, environmental and social aspects
 - Working with society and nature for optimum benefit
 - Need to protect the biodiversity and functioning of the ecosystem to support economic use of the port



Collaborations

- Strong collaboration has been developed between UG and Tema port
 - Students visit for field course
 - Port Director presented seminar in the Department of Marine and Fisheries Sciences
 - Prospective PhD students from the Port
 - Interacted with the environmental department of the Port
 - Invited to speak to the Board of the Port



Students exchange programmes

- Ghana and the Netherlands students exchange during the project period
 - Masters' students from the Netherlands undertook their project work in Ghana
 - Students interacted with officials of the marine drive project in Ghana
 - Field work of students in Ghana were supported by the project



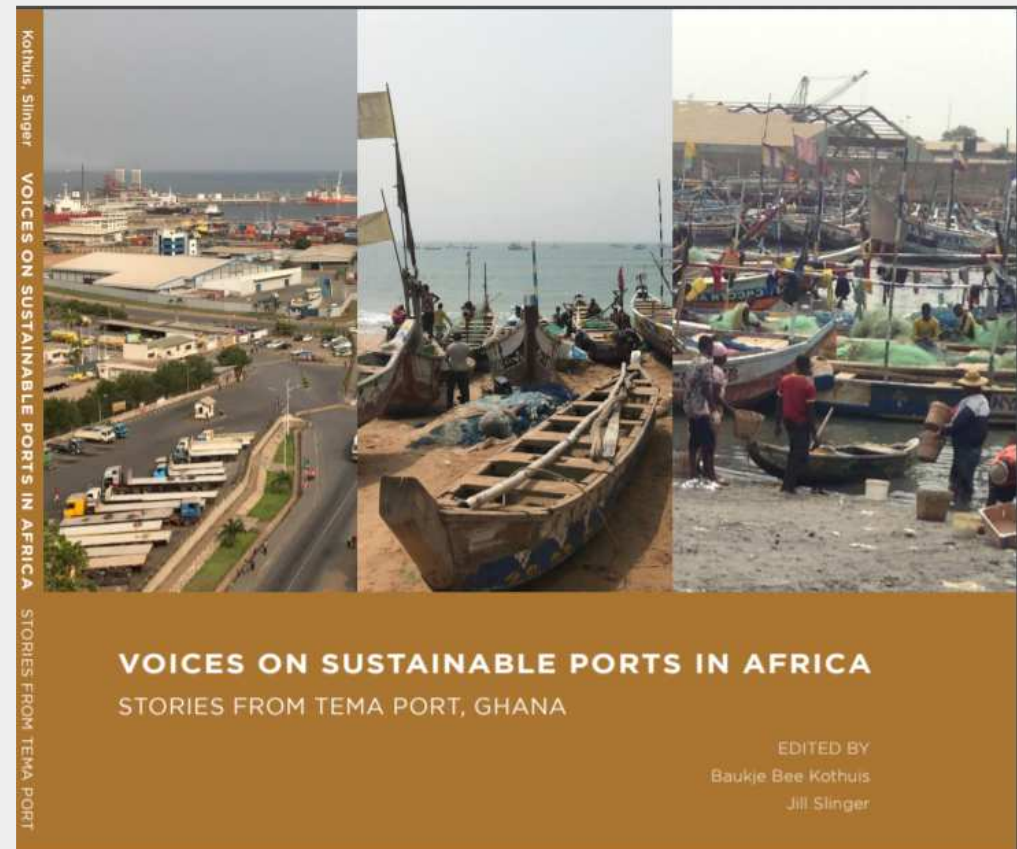
Valuation of ecosystem services

- The Ghana team assisted Liselotte's project work in the delta
 - Stakeholder identification
 - Stakeholder engagement
 - Results validation
 - Policy brief (Policy brief "*Welfare effects of protecting the Volta delta against erosion*") available from https://www.ivm.vu.nl/en/Images/Policy_Brief_Erosion_Prevention_Volta_Delta_tcm234-949498.pdf
 - Scientific paper submitted to Ocean and Coastal Management.



Voices on Sustainable Port in Africa: stories from Tema Port

- Attracted relatively large readership
- Voice of ‘critical stakeholders’ telling their stories
- The book is still telling the story to several people in real life
- Inspiring people views and opinions about the Tema Port in a sustainable way
- A legacy for the project



Conclusion

- The project has developed our understanding of sustainable port
- The need to bring everybody on board in sustainable port design
- Tema port – key to economic development of the Volta delta

