



Kennis in het buitenland: waarmee maken we het verschil?

Delta Alliance

21-4-2015



Programme

Introduction

Ivo Demmers

National programs and international ambitions

Henk Ovink

Message from Myanmar

Zaw Lwin Tun

Knowledge export, import and co-creation

Renke Peters

Discussion NKWK potential for export import and co-creation

Lead by Ivo Demmers

Final remarks and closure

Henk Ovink



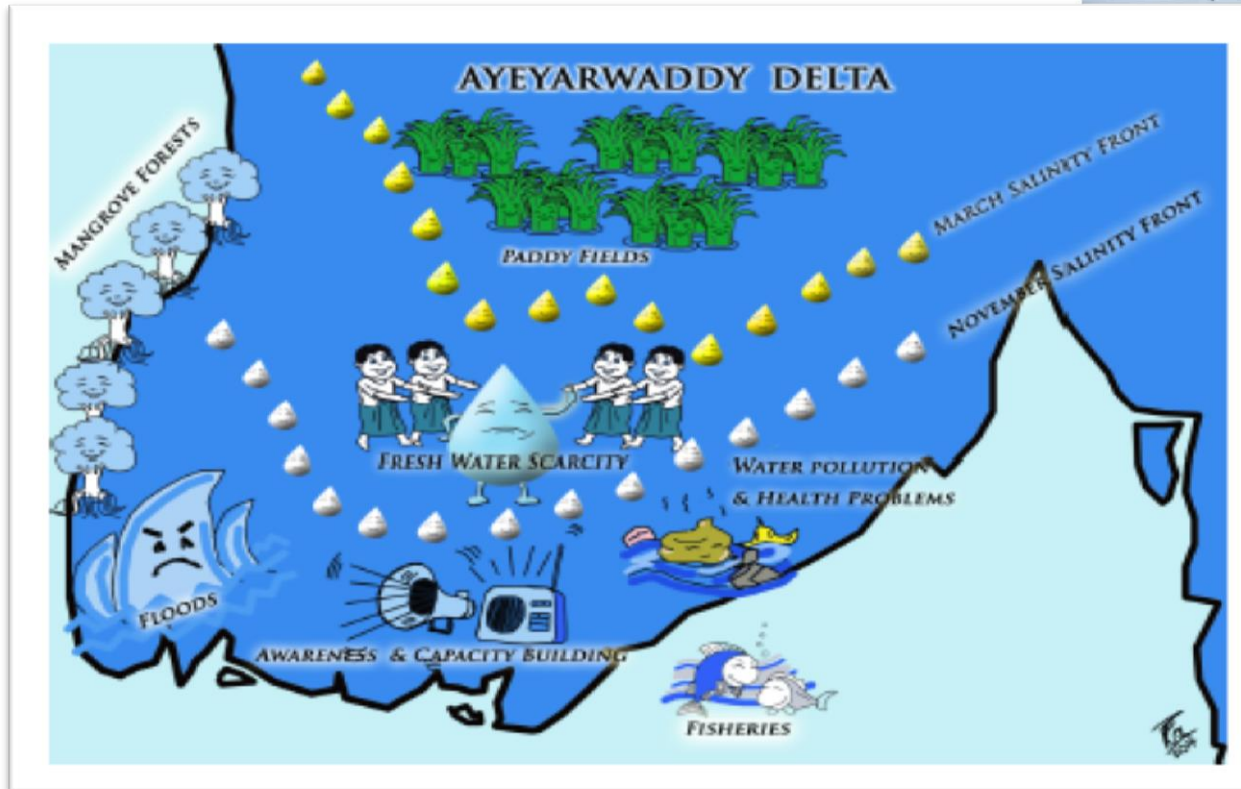


Message from Myanmar

Share knowledge to develop the
Ayeyarwaddy Delta

19-4-2015

Zaw Lwin Tun





Knowledge export, import and co-creation

International orientation of NKWK

21-4-2015

Renske Peters



DeltA Alliance

A knowledge driven network for the resilience of deltas

Mission

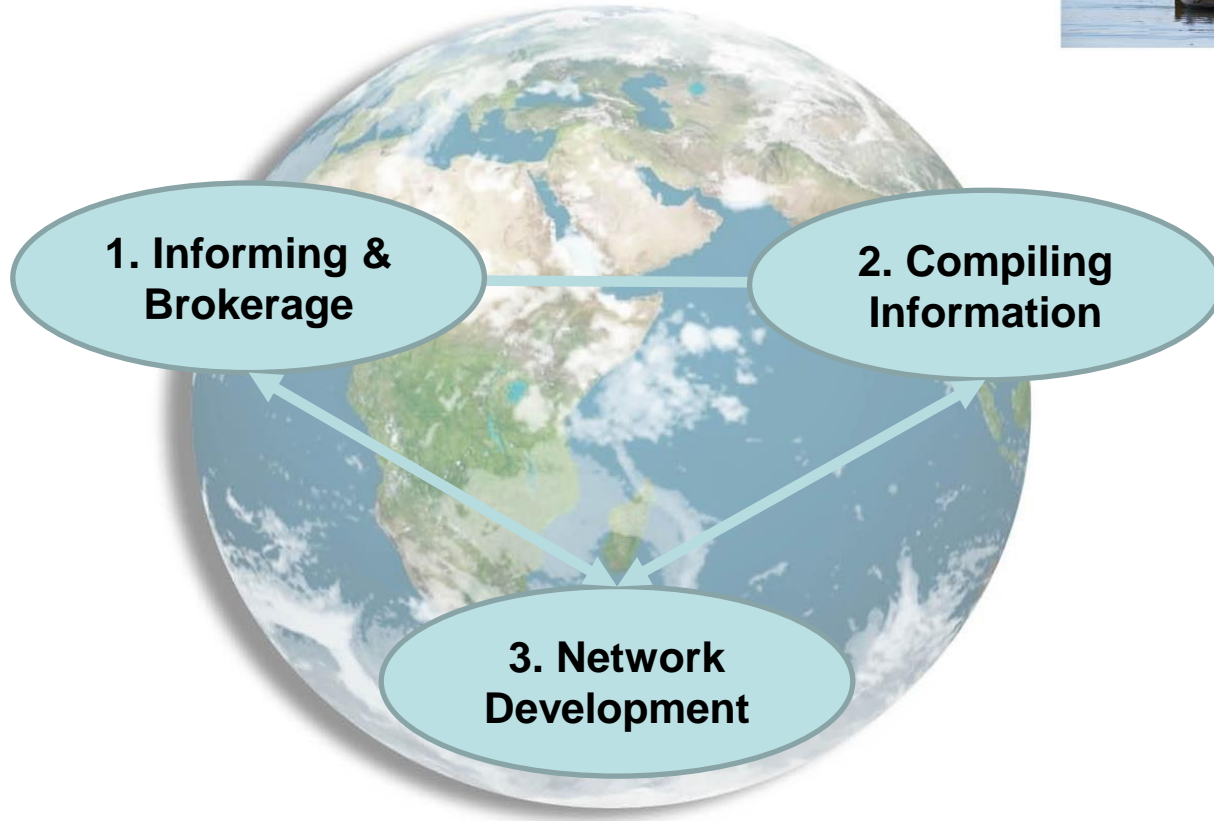
To contribute to improved resilience of the world's deltas through:

- Sharing knowledge
- Identifying knowledge gaps
- Developing jointly new knowledge
- Reducing unnecessary overlap
- Building capacity





● Delta Alliance Wings

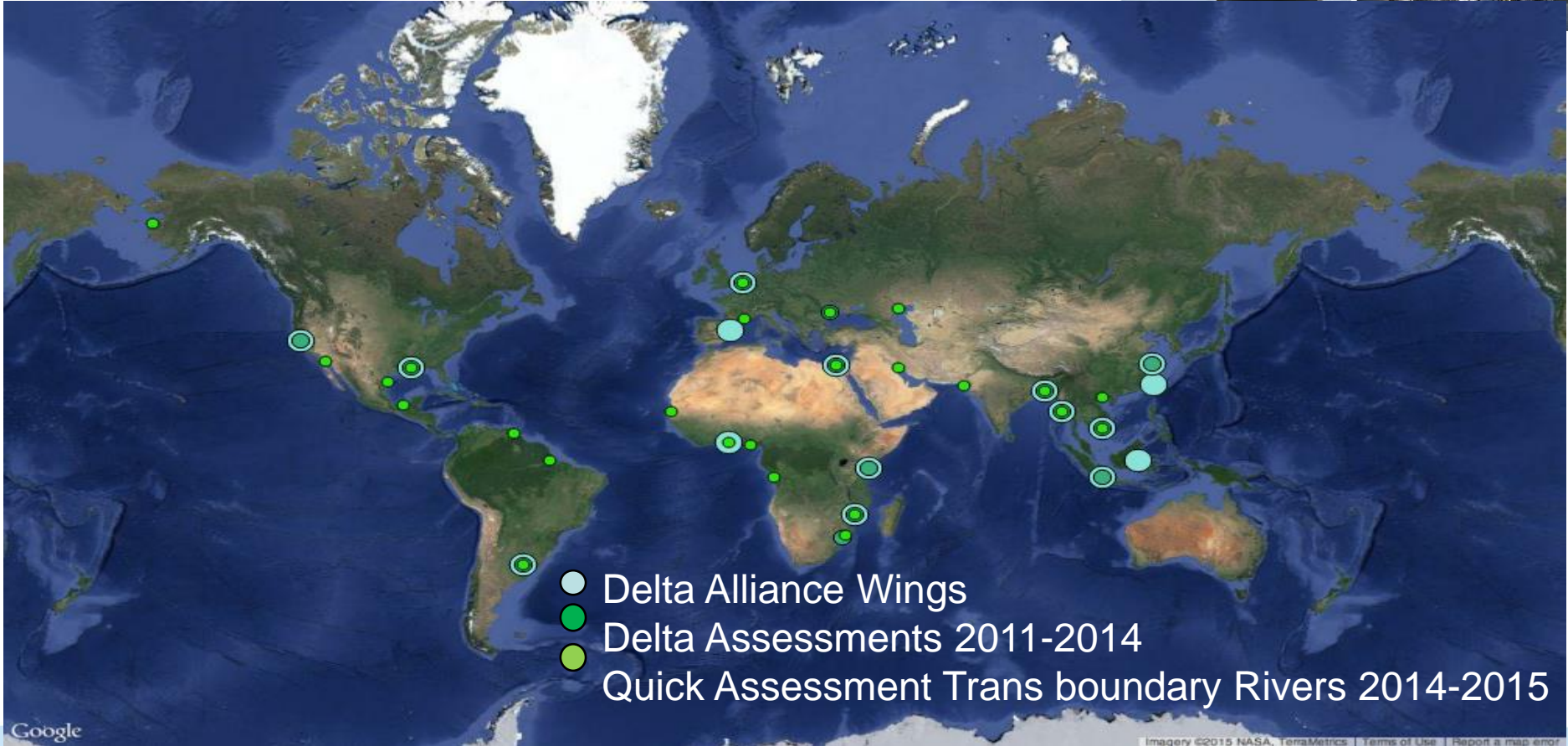


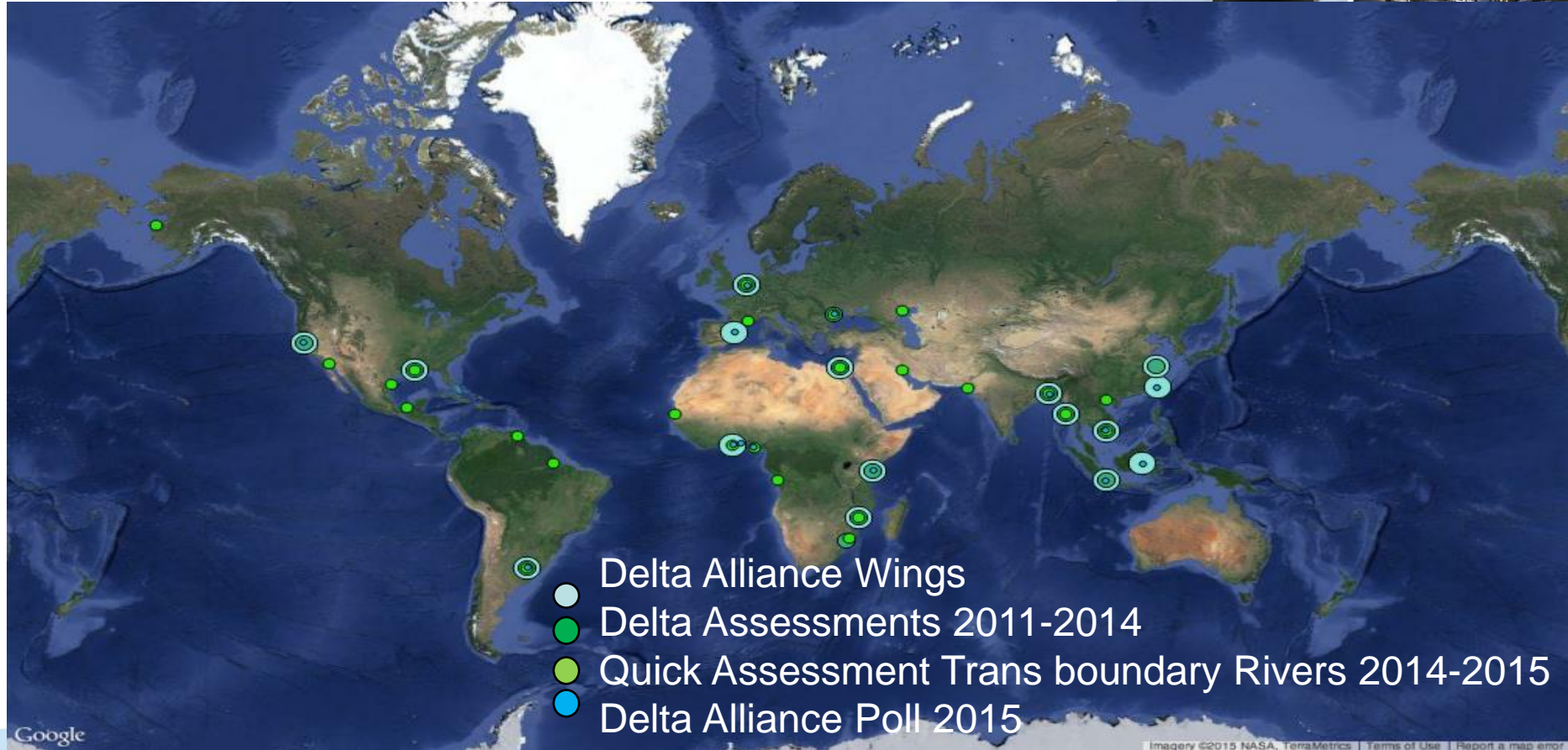


NKWK in international perspective: gaps and needs











- Delta Alliance Wings
- Delta Assessments 2011-2014
 - Quick Assessment Trans boundary Rivers 2014-2015
 - Delta Alliance Poll 2015



Knowledge gaps

1. Floods/ sea level rise
2. Ecosystem functioning/ Building with nature and natural safety
3. Freshwater management/ saltwater intrusion
4. Urbanization
5. Integrated delta approach/ scenarios
6. Governance
7. Food and energy



Knowledge gaps

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*“Need for development of climate change projections at the Delta and local scales.”
Ayarawady*



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“Introduction and assessment of new approaches like natural infrastructure and hybrid engineering” Parana



Knowledge gaps

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“Development of a salinity intrusion model to study the main drivers affecting the salinity intrusion and impacts of proposed flow regimes, other proposed activities and sea level rise including impacts on estuary vegetation and fisheries” Zambezi



Knowledge gaps

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“We are not short of good examples (for holistic city planning). What we need is a strong resolve to shift to these new measures because business as usual no longer works” ADB



Knowledge gaps

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5. **Integrated delta approach/ scenarios**
6. Governance
7. Food and energy

“Increase of the tools for citizen participation in decision making process.” Parana



Knowledge gaps

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*“More research needs to be done into the productive potential of private/public initiatives.”
Mississippi*

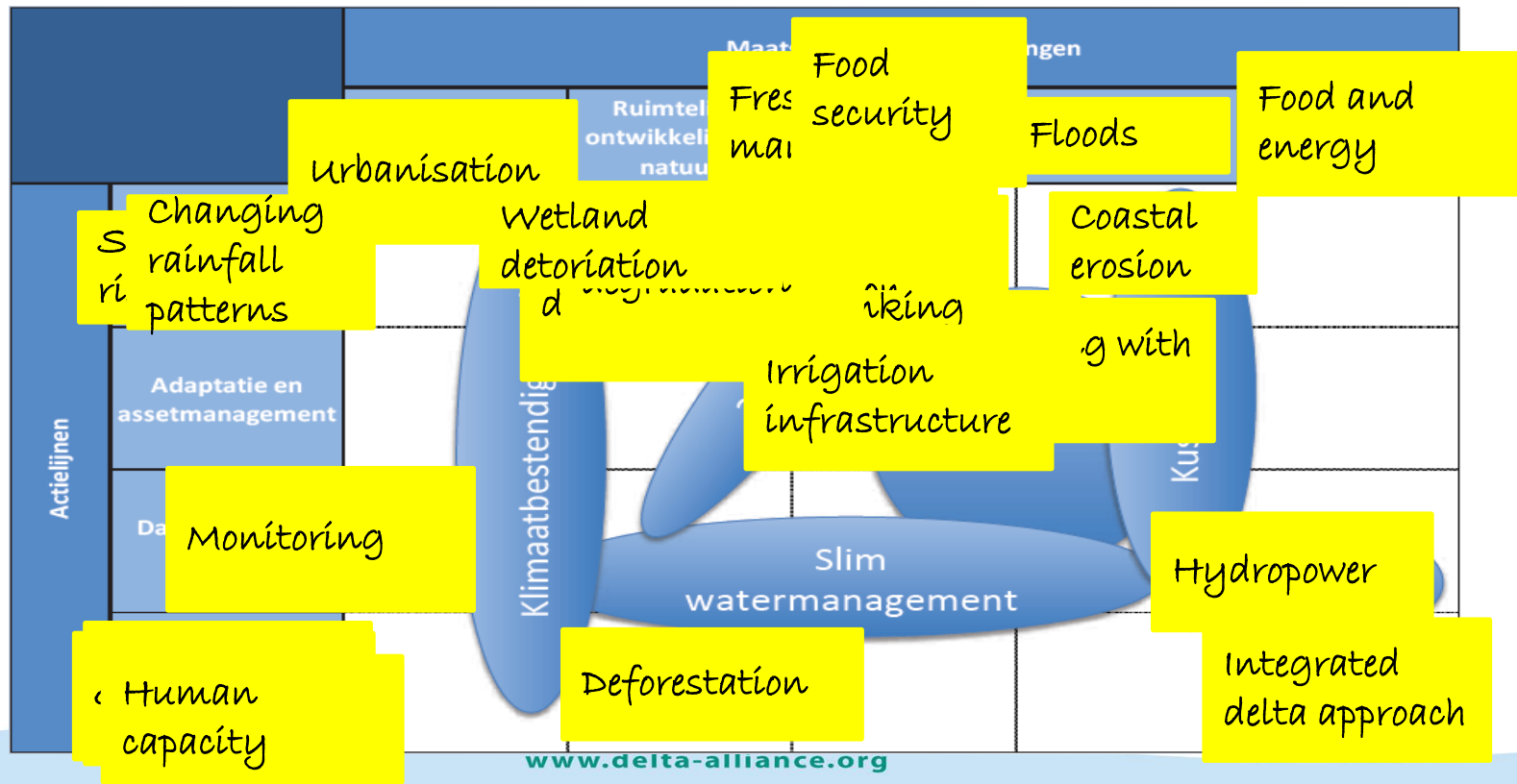


Knowledge gaps

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“to bring some of the insights of the (agricultural) production economics literature to the water literature, and vice versa.” World Bank

Relation with NKWK





Knowledge gaps in adaptation

- Lack of knowledge **production**
 - Data
 - Theoretical frameworks
 - Adaptation options
 - ...
- Lack of knowledge **integration**:
 - Social and natural sciences
 - Experts and local communities
 - Researchers and practitioners
 -
- Lack of knowledge **uptake**

“Integrating knowledge from different sources and making it available to decision-makers at different levels is arguably the most important knowledge need.” UNEP



Opportunities for NKWK

	Import	Export	Co-creation
Production			
Integration			
Uptake			



Example: Klimaatbestendige stad

	Import	Export	Co-creation
Production	Green Herbs walls HCMC	Water square design	
Integration			Ecosystem services database
Uptake	Citizen participation ???		Decision maker and scientist debate in Stockholm

List opportunities for
NKWK!



Next steps: deepen knowledge cooperation

- National:
 - NKWK
 - NWO UDW,....
- International:
 - Bilateral: Delta Alliance wings
 - Multilateral: World Bank, ADB, UNEP etc.



Discussion NKWK potential for export import and co-creation

International orientation of NKWK

21-4-2015

Ivo Demmers



Four discussion groups

Slimme governance

- Adaptatie en assetmanagement
- Integratievraagstukken en governance
- Slim Water Management
- Nationaal watermodel

Groene, blauwe, grijze en gele infra

- Duurzaam beheer grote wateren
- Kustgenese
- Markerwadden
- Belasting op en sterkte waterkeringen
- Vervangingsopgave natte kunstwerken

Klimaat en watersystemen

- Kennis voor klimaatmitigatie
- Klimaat & watersystemen
- Lange termijn gedrag grote rivieren

Water, voedsel , energie en steden

- Omgaan met bodemdaling
- Klimaatbestendige stad
- Water & Voedsel
- Energie uit water: kansloos of kansrijk?
- Meer regionale zelfvoorziening zoet water



Opportunities for NKWK

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Production			
Integration			
Uptake			

Use quotes on the wall for inspiration



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