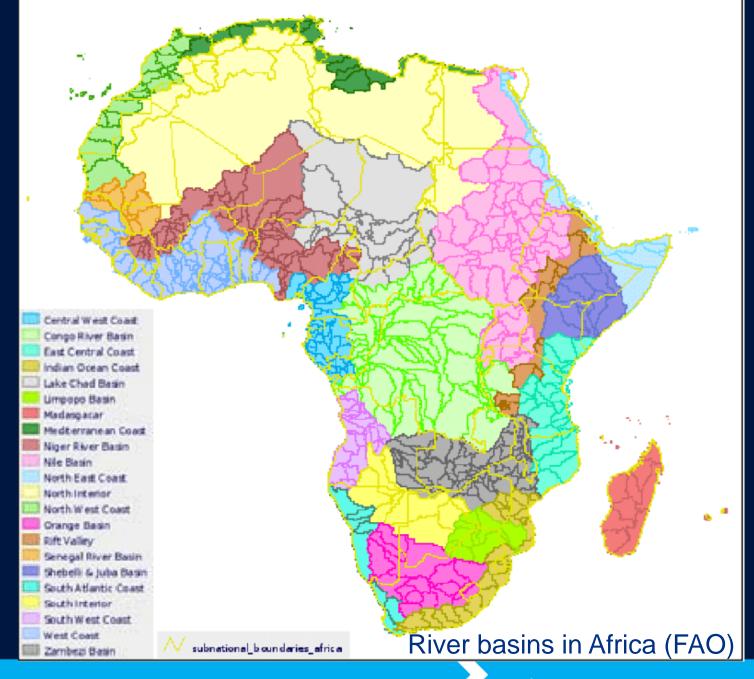


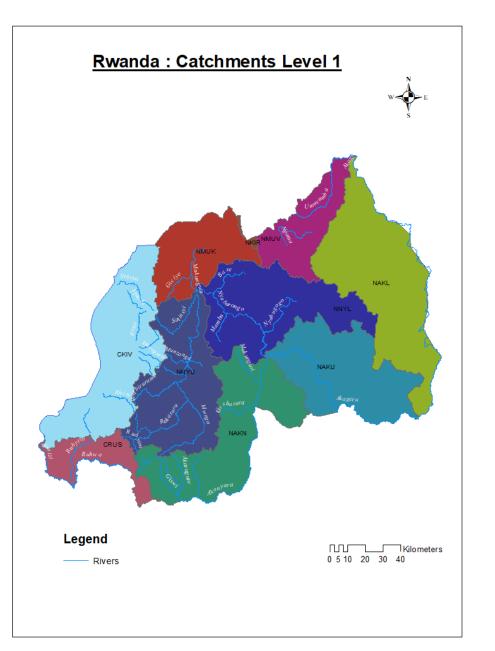
Rob Nieuwenhuis Mott MacDonald

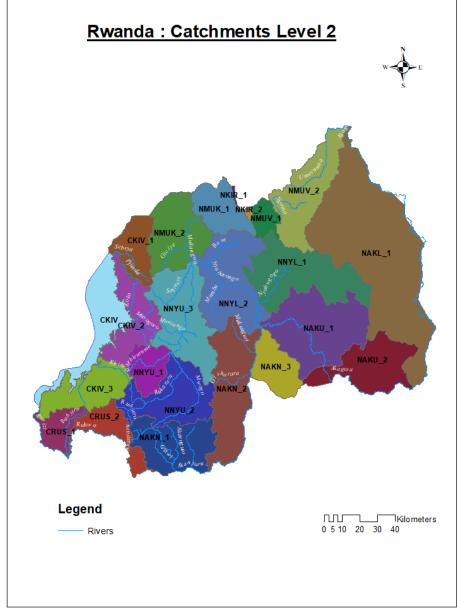


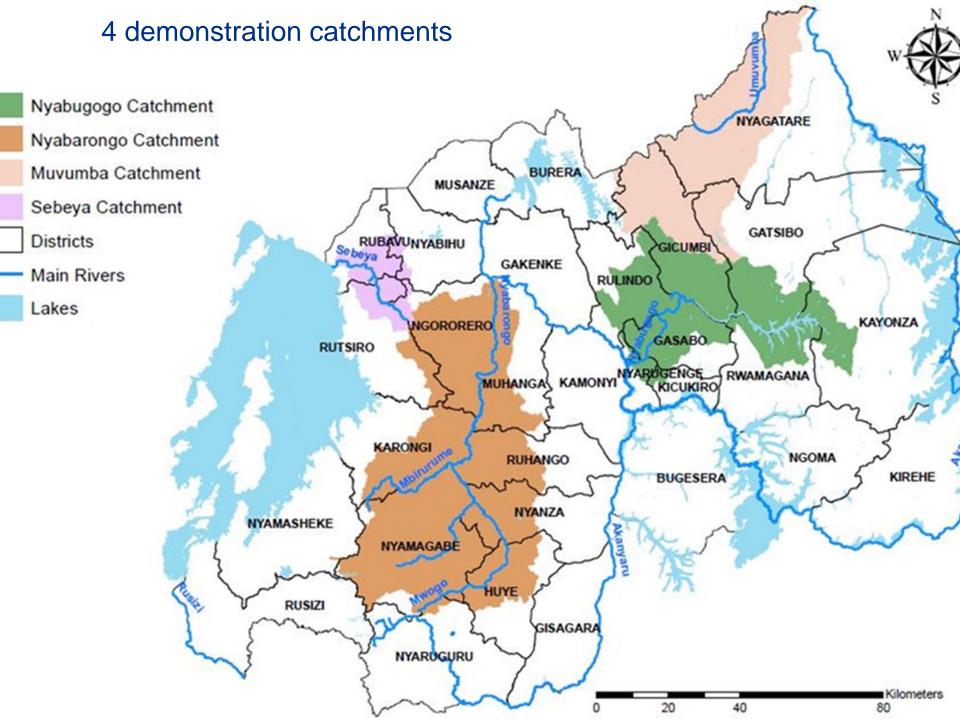
## A catchment plan is...

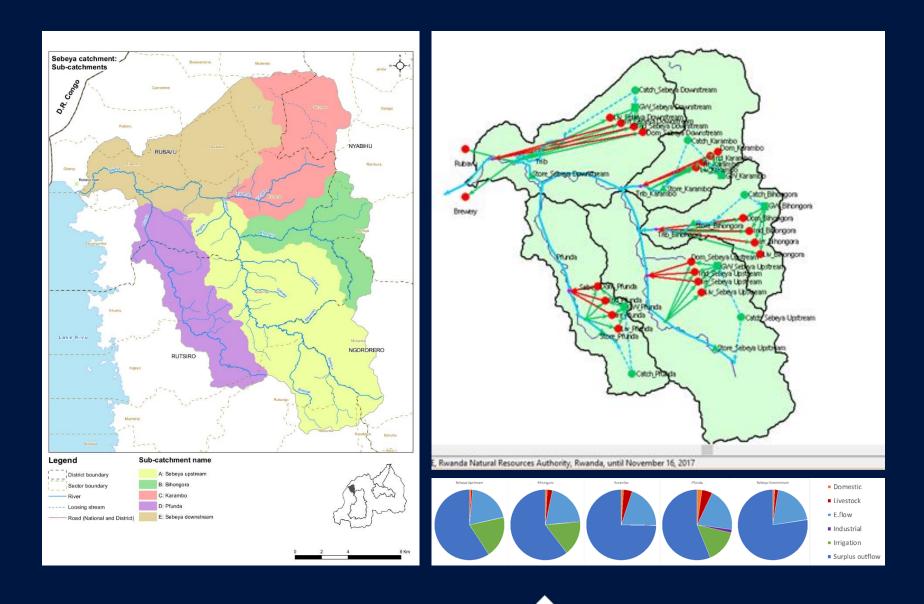
... a joint plan for integrated management of water, land, and related natural resources within the boundaries of a water catchment.

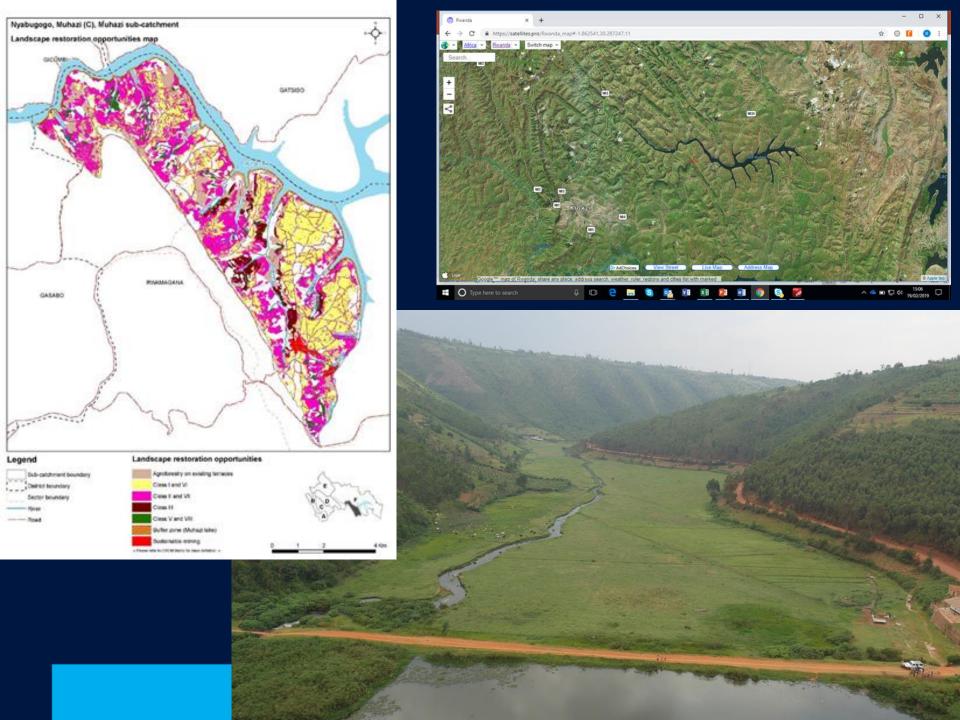










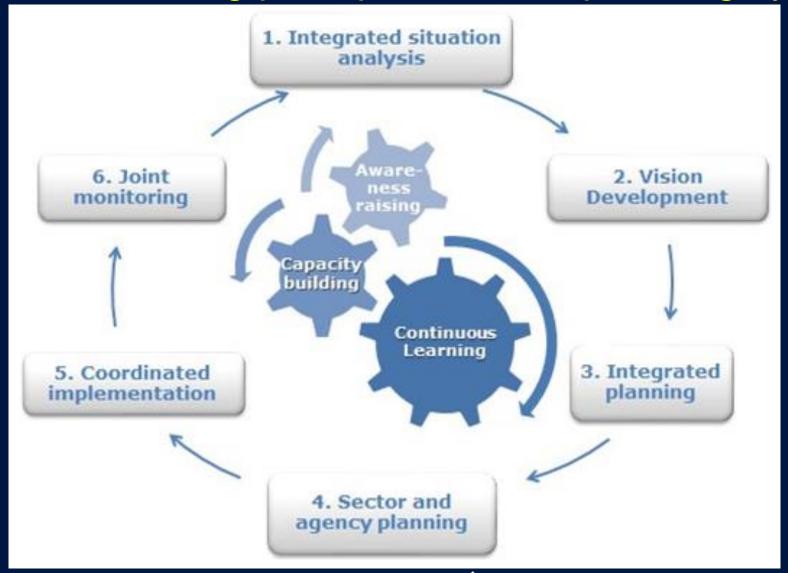




## Institutional setting for catchment plans Vision 2050 & National Strategy for Transformation

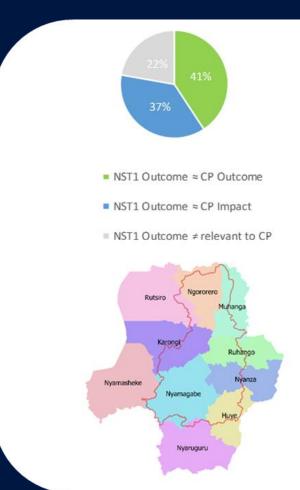


## Guiding principles: IWRM planning cycle



## Water for Growth Rwanda combined IWRM and SEA principles

- Participatory SEA & plan process
- Characterisation of catchment
- Vision, Objectives
- Alignment (national/local)
- Assessment of alternatives
- Programme of measures
- Implementation arrangements
- M&E



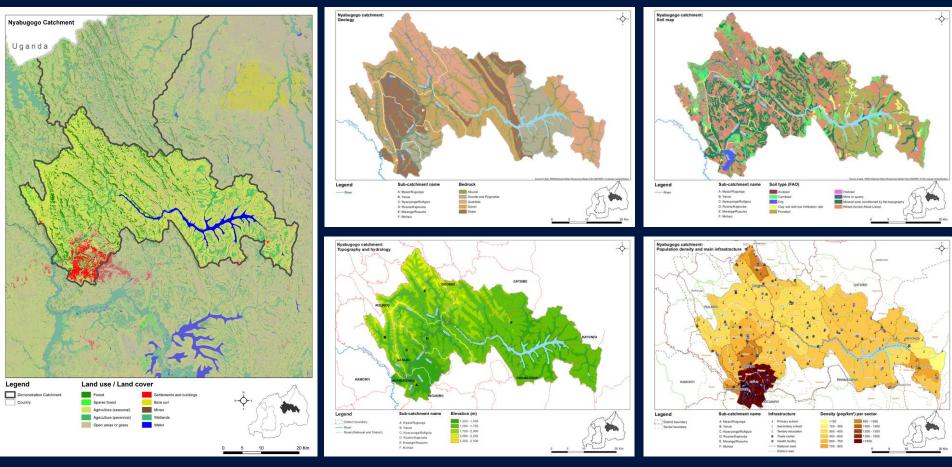








# Catchment planning is spatial planning using GIS and remote sensing...





... and local knowledge of catchment inhabitants

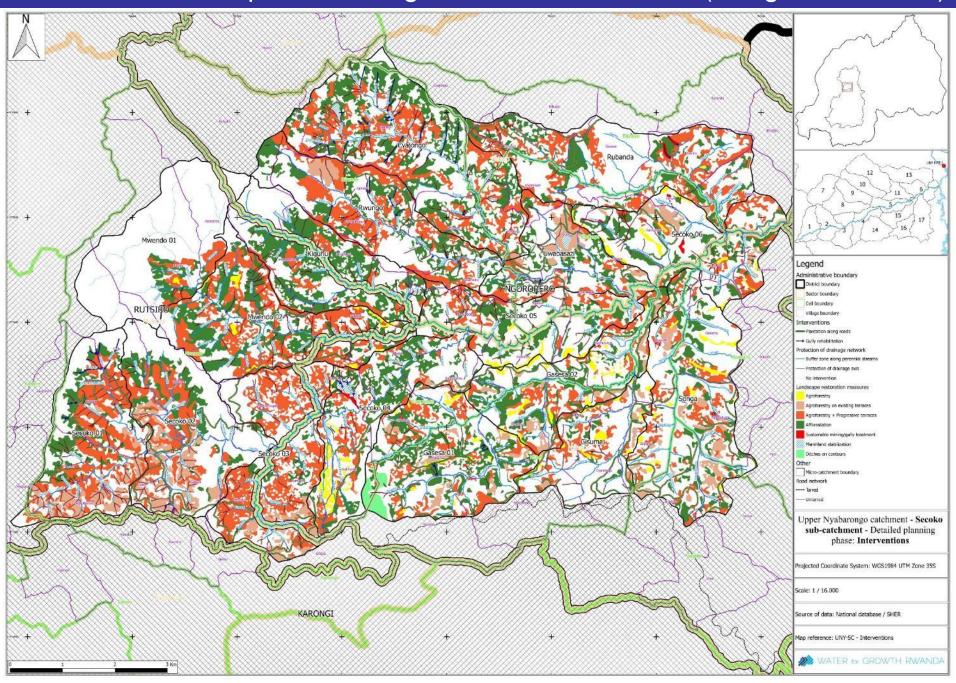








#### MCAP intervention plan including catchment restoration (using CROM DSS)

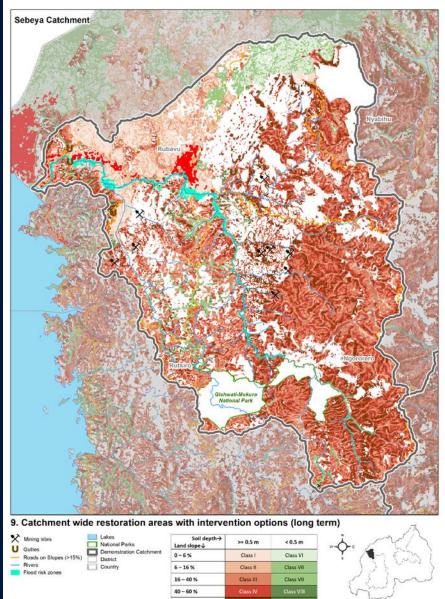






# Spatial planning challenge: GIS skills at districts



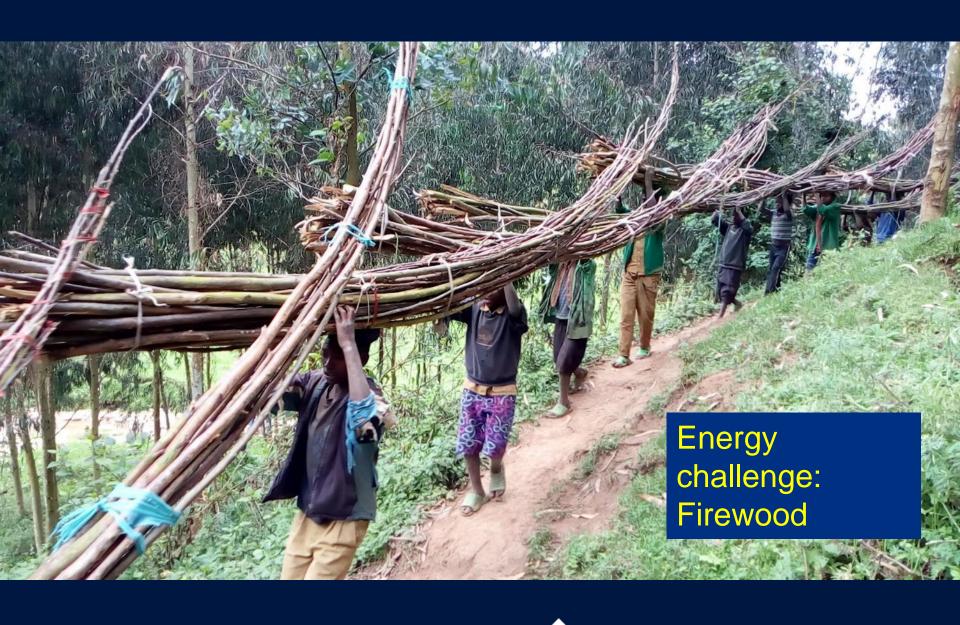






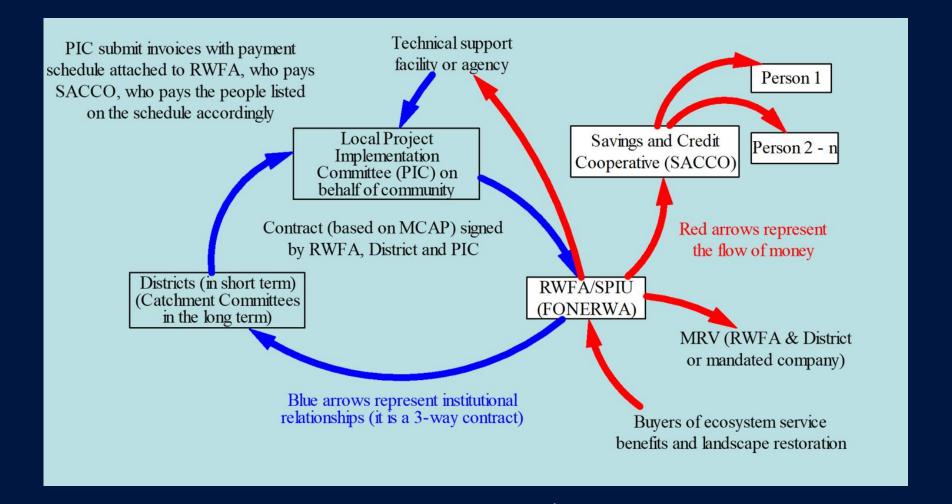








# Challenging financing opportunity: Payment for Ecosystem Services (pilot Secoko)



### Hopeful opportunities

- Rwandans are resilient
- Solutions 'made in Rwanda' are quickly adopted
- Strong focus on performance throughout government and society
- W4GR provides strong foundation for IWRM and catchment planning
- 3 more years of EKN support
- PES study shows: benefits of catchment management outweigh costs tremendously
- Innovative financing of IWRM and irrigation is catching on

#### Conclusion

Catchment Planning, incorporating IWRM and SEA principles, provides solid base for sustainable green growth and climate resilience in Rwanda and offers a key instrument to implement Rwanda's National Strategy for Transformation





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