

# Climate information services in Sub-Saharan Africa

## Financial Modelling, NMHS & Private Sector

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# Project Theory of Change

**Draws on existing literatures,  
considers gender**

Understand  
models for  
sustainable  
national CIS



Assess  
capacities of  
NMHSs



Understand  
potential role  
of private  
sector & PPPs

## Learning and dissemination

More effective  
resource  
mobilization and use

- Private sector
- International climate finance
- Public sector - value and funding



Good science guides  
more decisions to  
produce better  
outcomes

- Actionable weather and climate information
- Access by women and marginalized groups



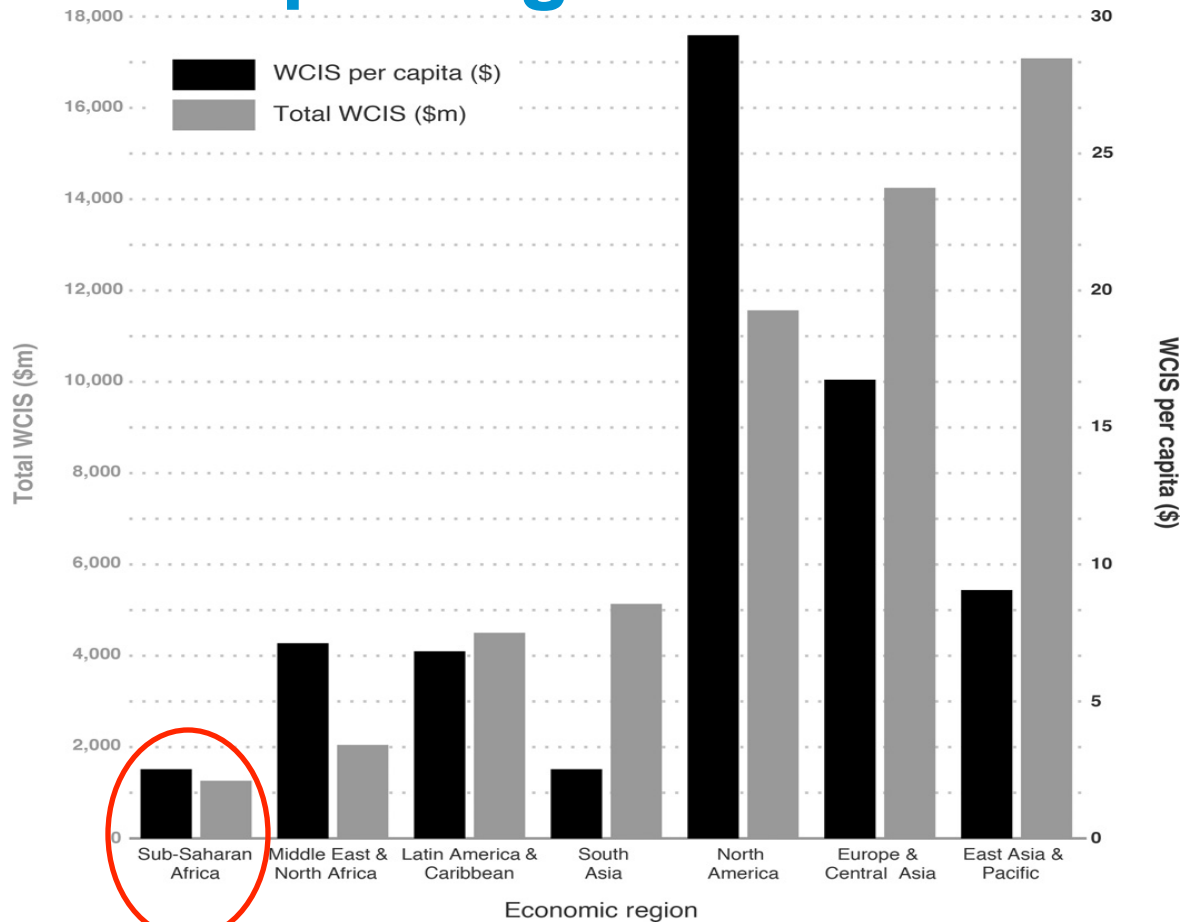
Good governance of  
NMHSs and CIS  
delivery

- Define interaction between different institutions
- Equitable access / inclusion of women

Increased  
resilience and  
sustainability



# Total WCIS per region



Georgeson, L., Maslin, M., and M. Poessinow. 2017. Global disparity in the supply of commercial weather and climate information services. *Science Advances*. 3(5):1-9. <http://advances.sciencemag.org/content/3/5/e1602632.full>. Accessed 26 September 2017.



## NMHS survey: Sectors served and private sector involvement

Sector	Cote d'Ivoire	Malawi	Mali	Niger	Nigeria	Rwanda	Senegal
Aviation	<b>Paid</b>	Free	<b>Paid</b>	<b>Paid</b>	<b>Paid</b>	Free	<b>Paid</b>
Agriculture	Free	Free	Free	Free	Free	Free	Free
Mobile Telecom	Free	N/A	<b>Paid</b>	N/A	<b>Paid</b>	Free	Free
Insurance	Free	Free	<b>Paid</b>	<b>Paid</b>	<b>Paid</b>	Free	<b>Paid</b>
Fishing	Free	Free	Free	N/A	<b>Paid</b>	Free	<b>Paid</b>
Energy	Free	Free	<b>Paid</b>	Free	<b>Paid</b>	Free	<b>Paid</b>
Forestry	Free	Free	Free	N/A	N/A	Free	<b>Paid</b>
Health	Free	Free	Free	Free	Free	Free	<b>Paid</b>
Tourism	N/A	Free	N/A	Free	Free	Free	<b>Paid</b>
Transport	Free	Free	N/A	<b>Paid</b>	N/A	Free	<b>Paid</b>
Mining	Free	N/A	<b>Paid</b>	N/A	N/A	Free	<b>Paid</b>
Off-shore platform	Free/ <b>Paid</b>	N/A	N/A	N/A	<b>Paid</b>	Free	<b>Paid</b>

**Paid:** Private companies and/or government agencies pay the NMHS for WCIS.

**Free:** Private companies and/or government agencies receive WCIS for free.

**N/A:** Information is not available.

**Shaded cell:** NMHS reports of private sector involvement

# Sector Expansion Potential

