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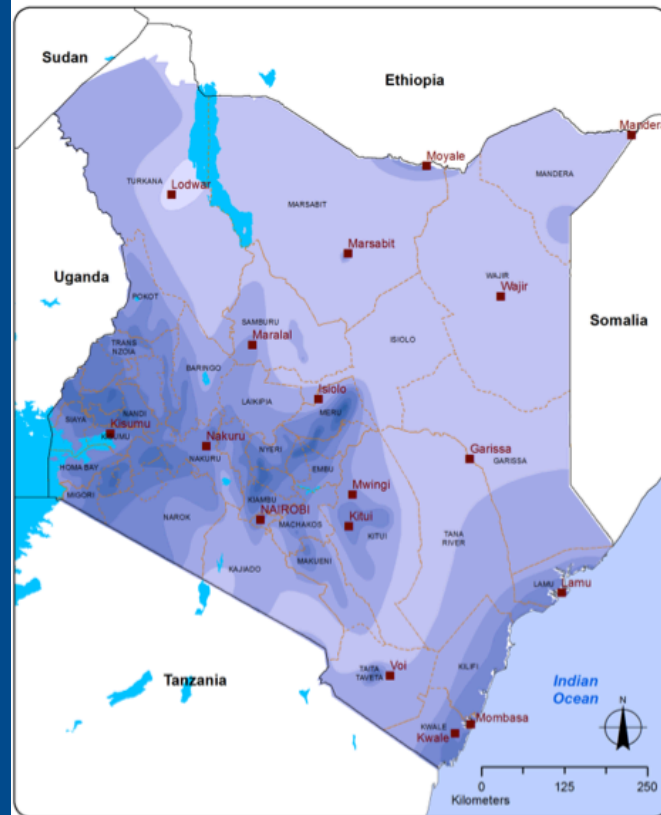
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Research jointly supported by the ESRC and DFID

REACH

Improving water security for the poor



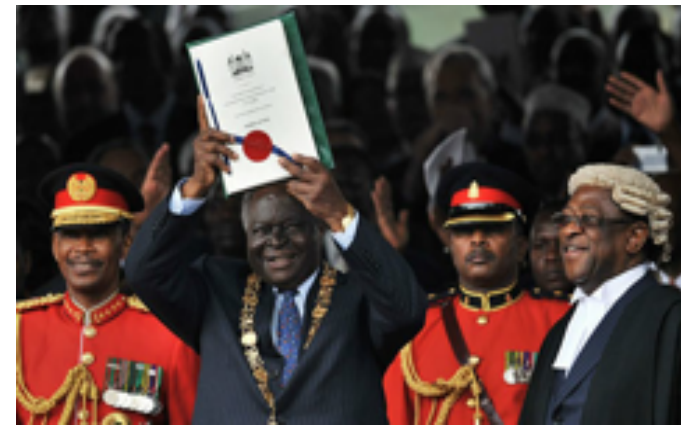
Water policy choices in Kenya's 47 Counties

Johanna Koehler, University of Oxford

3rd Annual Devolution Conference

Meru, Kenya – 19-23 April 2016

Human Right to Water & Constitutional Obligation



Kenya's constitution of 2010 states in Article 43(1) (d) that **every person has the right to clean and safe water** in adequate quantities.

Constitution defining the contract between the duty-bearers and the rights-holders.

Criteria for evaluating water service policy choices

1. Sufficient quantity
2. Potable quality
3. Affordability
4. Physical access
5. Non-discrimination

Methodology

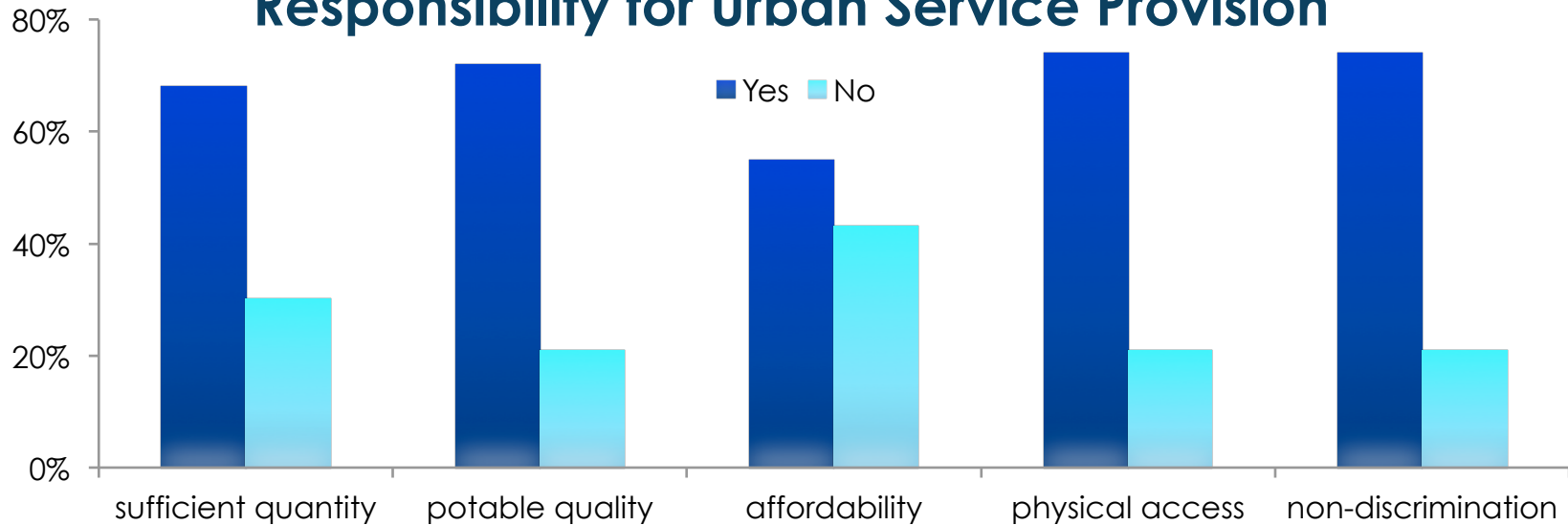


- Survey of 47 County Water Ministries (100%) in October to December 2015.
- 27 semi-structured interviews with national and county stakeholders in April to May 2015.
- Other sources:
 - General election results from 4 March 2013 (IEBC 2013),
 - 2015 Afrobarometer survey,
 - Global Aridity Index (CGIAR-CSI 2009),
 - 2011/12 WASREB data on water coverage,
 - 2005/06 Kenya Integrated Household Budget Survey (KNBS 2012),
 - 2009 Kenya Population and Housing Census (KNBS 2010).

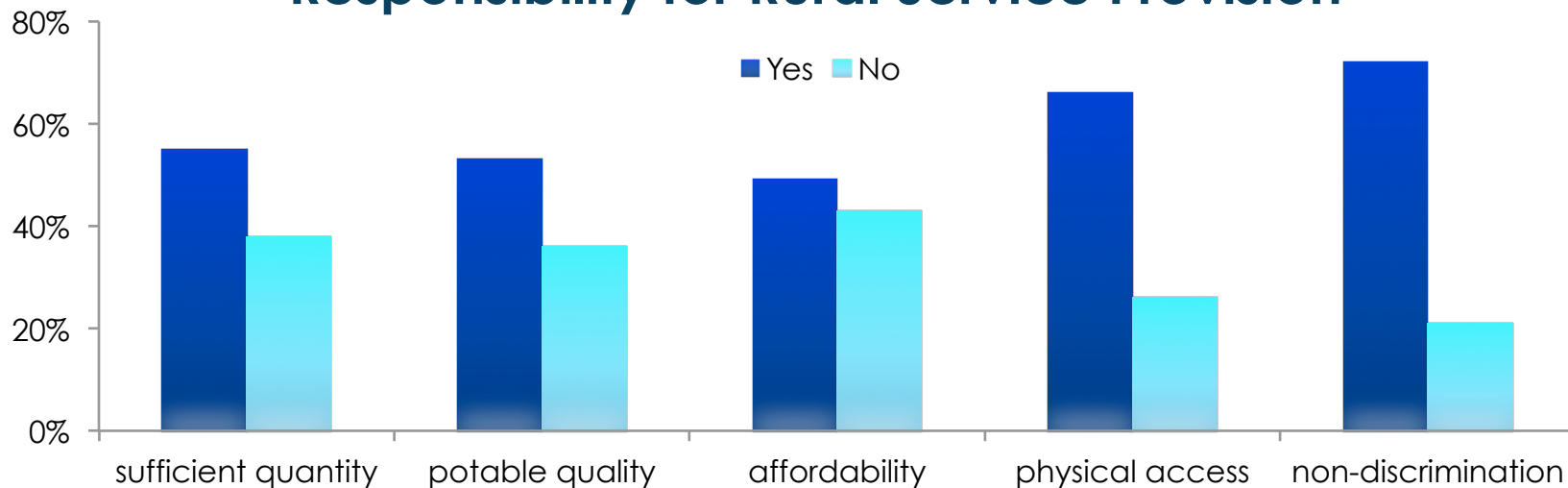
Water Service Responsibilities



Responsibility for Urban Service Provision



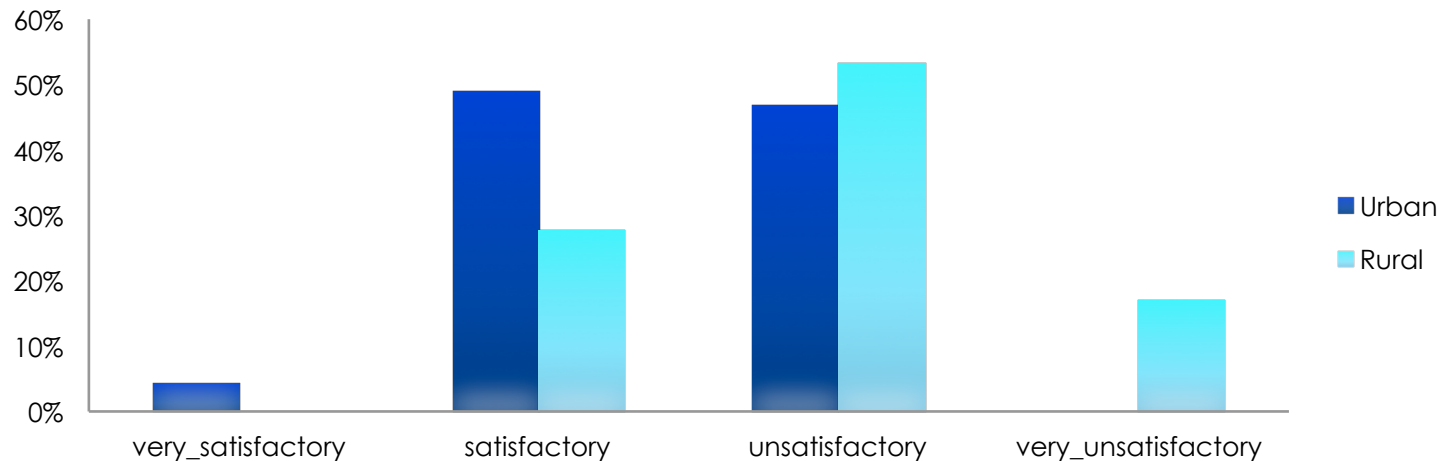
Responsibility for Rural Service Provision



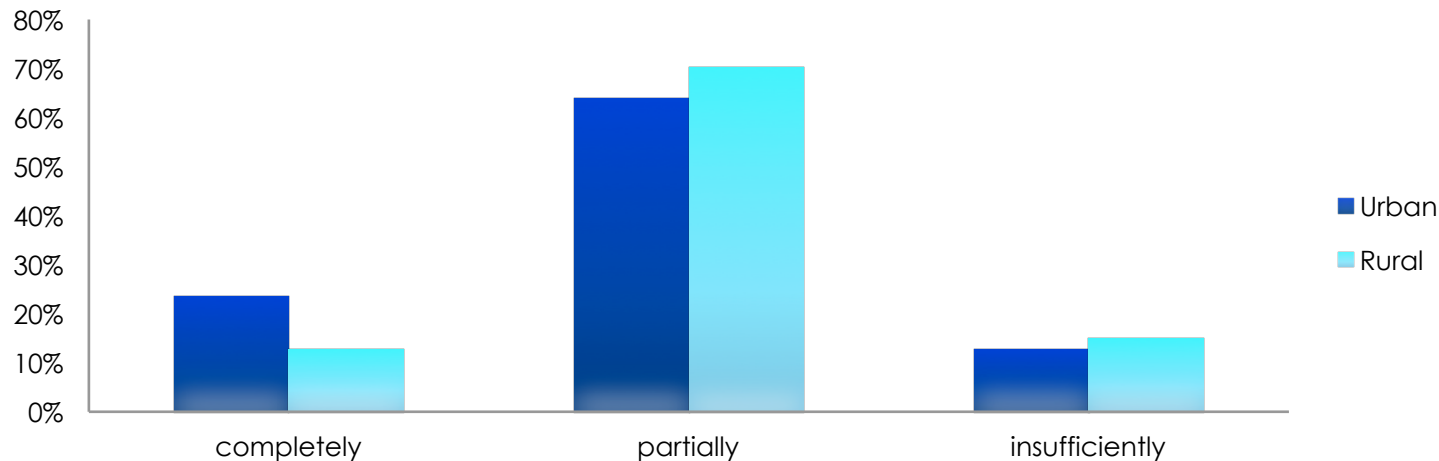
County Government satisfaction and capacity with water service provision

County
perspective

Satisfaction with drinking water provision in County



Capacity to fulfill water users' expectations

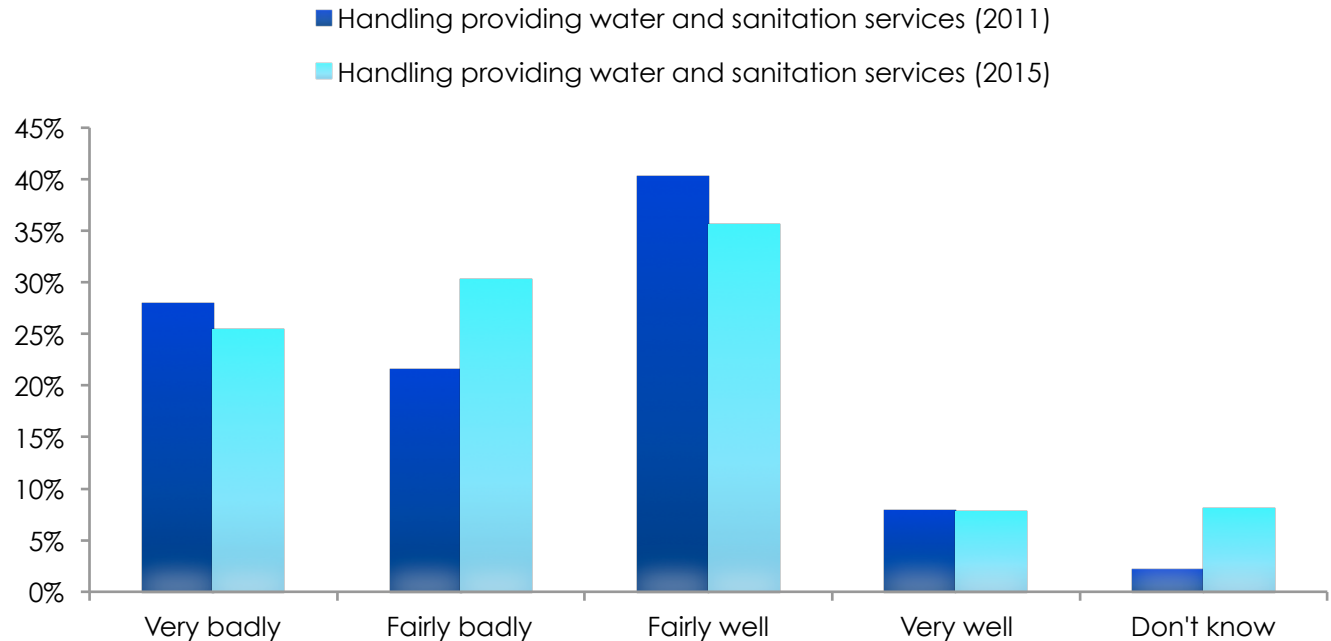


Citizen perspective

Citizen perspective on water and sanitation service performance

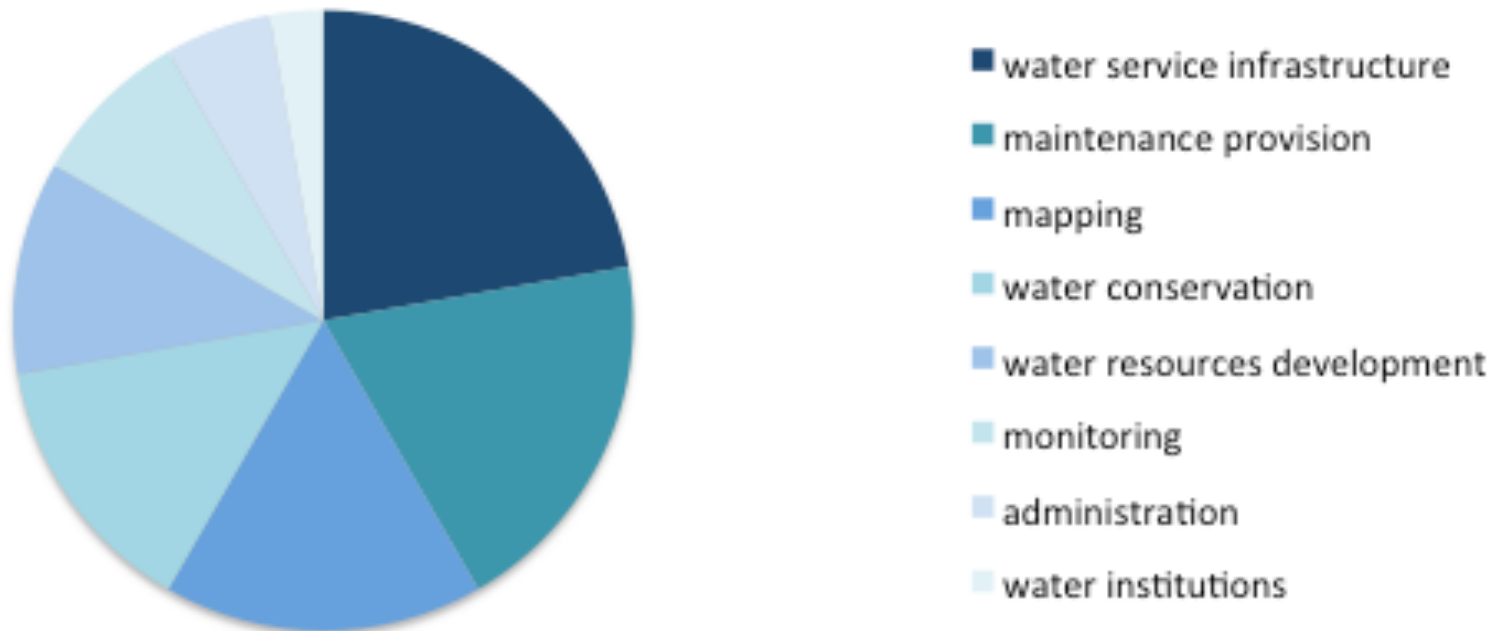


Performance of present government in handling provision of water and sanitation services



What are the priorities in the water sector?

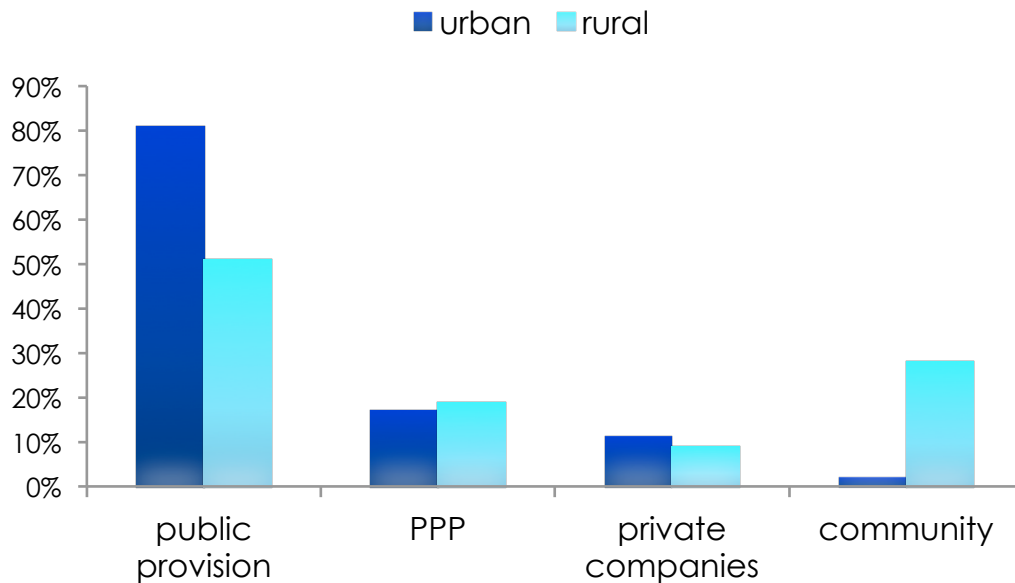
Ranking of priority of investment FY 2015/16



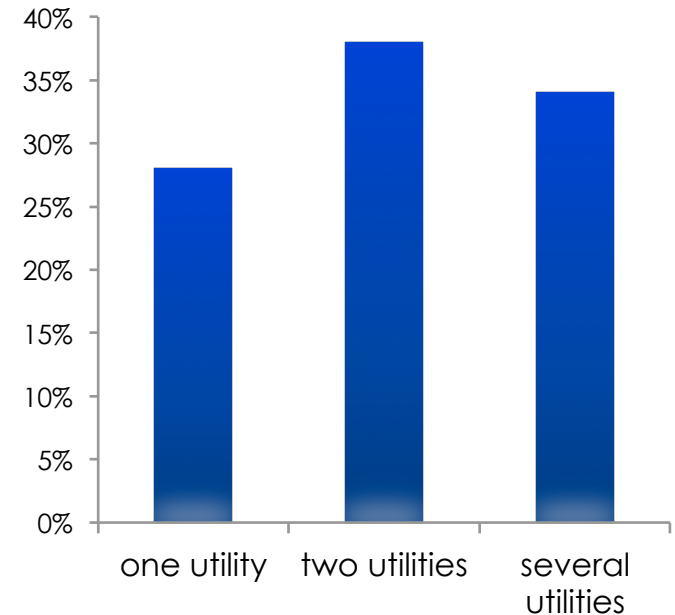
Service provision arrangements

**72% of
Counties opt
for 2 utilities
or more**

**Who would be best placed to maintain
DW supply infrastructure in your County?**



**Which of the following
options would best work
for your County?**

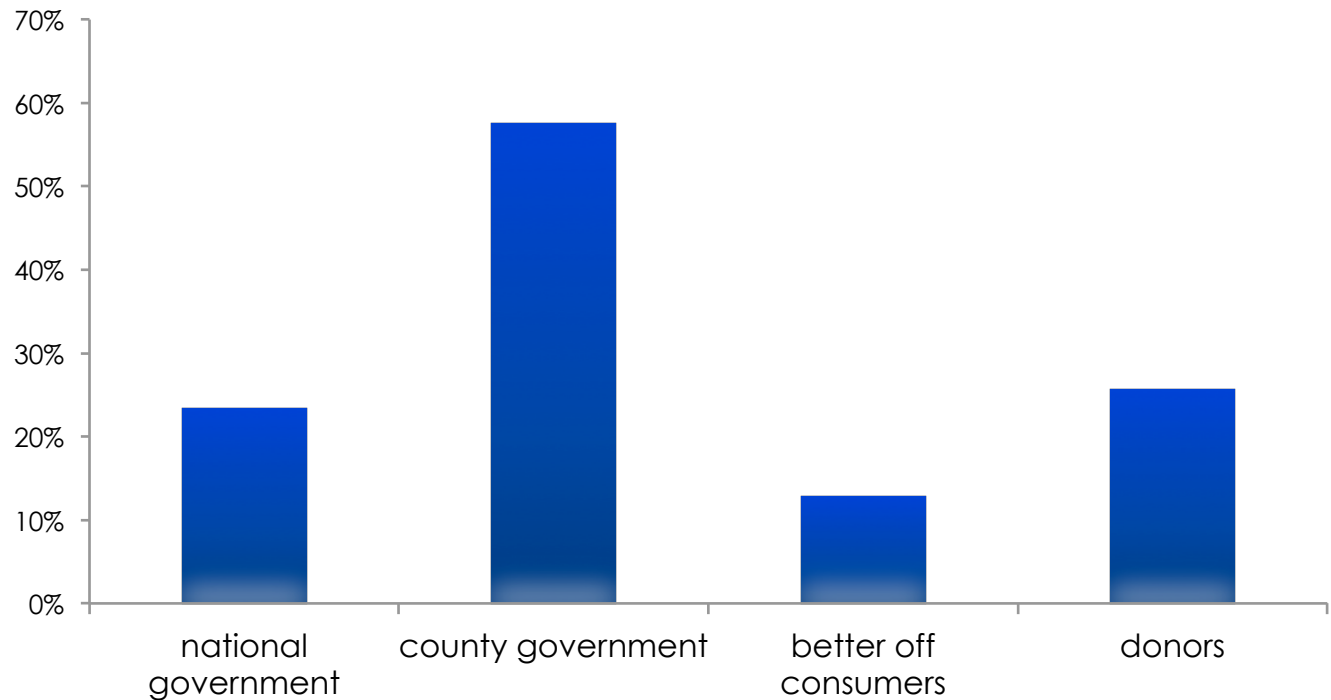


40% say users
should pay
full cost of
water
provision

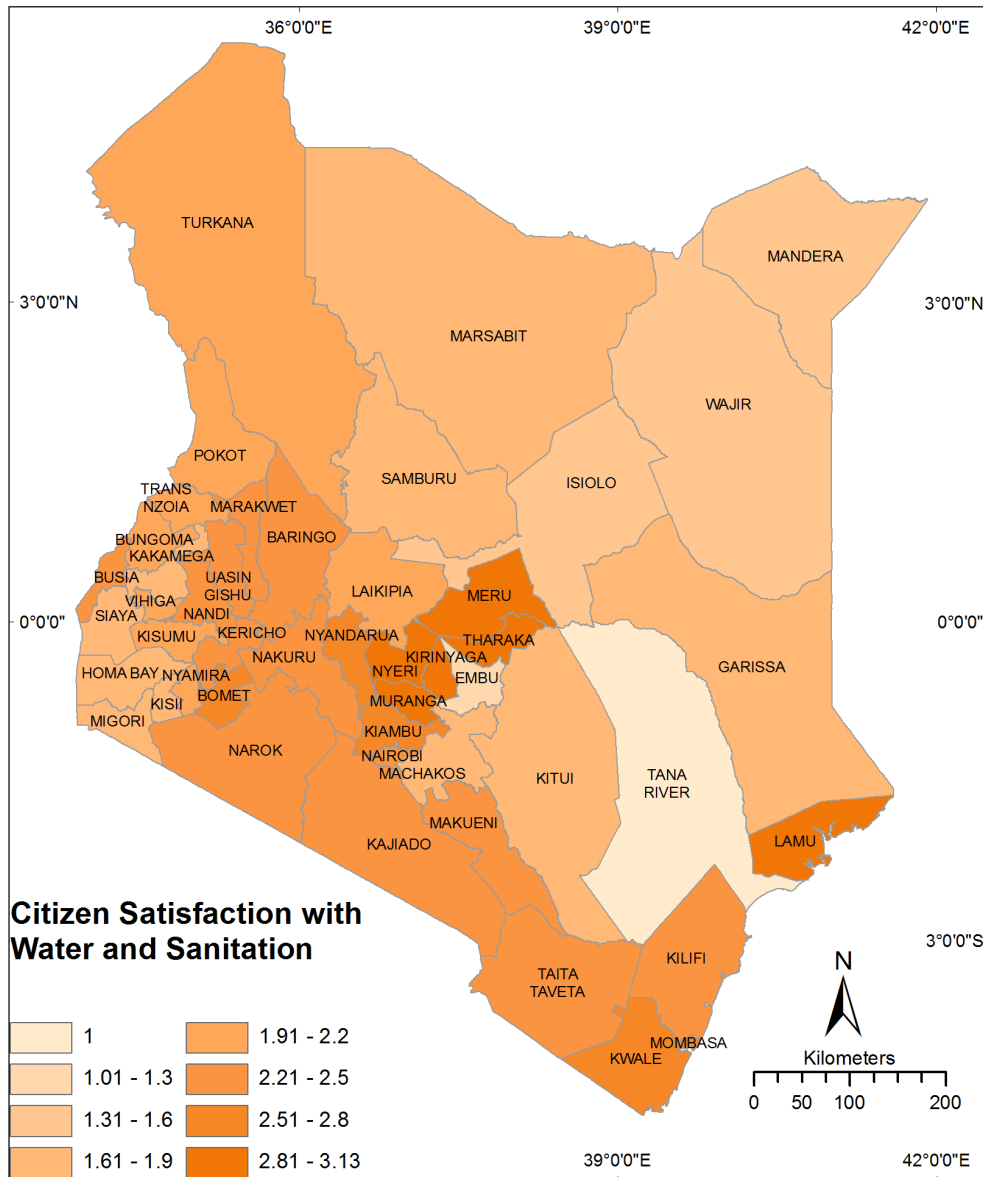
Who pays for water services?



Who should subsidise the cost?



Factors influencing water policy choices



Constitutional mandate:

- Water Service Responsibility Index

Political and socio-climatic risks:

- Election Margin
- Aridity
- Baseline Water Coverage
- County Water Budget
- Poverty Level
- Urbanisation Level
- Citizen satisfaction



How can county water policy choices be streamlined so that regional disparities don't grow?

As major investments are made in infrastructure, should a higher priority be given to maintenance provision?

Which innovative finance models can be developed to ensure long-term sustainability of water services?

Relevance:

This research identifies important issues emerging in the devolved water sector that can contribute to the development of **county policy/legislation** and **water services sustainability** in the future.

Thank you!

Questions and further information

Related publications:

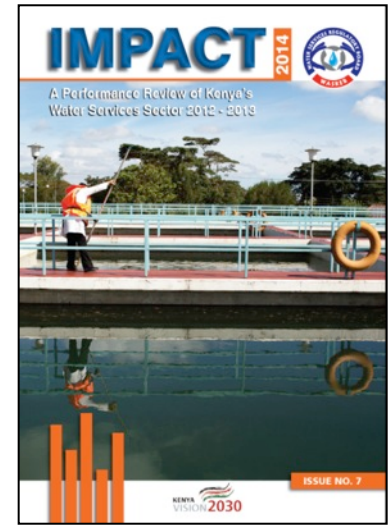
Koehler et al. (2015) Pump-Priming Payments for Sustainable Water Services in Rural Africa. *World Development*, Vol. 74, pp. 397–411.

Oxford/RFL (2015) Financial Sustainability for Rural Water Services – evidence from Kyuso, Kenya. SSEE Water Programme, *Working Paper 2*, Oxford University, UK.

Hope, R.A (2014) Is Community Water Management the Community's Choice? Implications for Water and Development Policy in Africa. *Water Policy*, 1-15.

Oxford/RFL (2014) From Rights to Results for Rural Water Services – evidence from Kyuso, Kenya. SSEE Water Programme, *Working Paper 1*, Oxford University, UK.

Thomson et al., (2012) GSM-enabled remote monitoring of rural handpumps – a proof-of-concept study. *Journal of Hydroinformatics*, 14(4): 29-39.



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