



County energy planning in Migori

Exploring opportunities for participation

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Aims and objectives

Assumptions

Local participation is crucial for effective energy decision-making and planning

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Achieving such participation requires direct engagement with citizens

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Devolution **does not guarantee** more participation in practice

Need to

- **Understand household energy challenges**
- **Explore avenues for participation to deal with those challenges**

Key questions

What are the household energy consumption patterns in the county?

How would citizens like to engage with energy decision-making processes

Capacity development

Action research

Quantitative household survey

500 households

< 100 questions

Energy use and participation

Qualitative focus group discussions

8 sub-counties

Energy challenges and avenues for participation

Trained 3 research assistants to undertake survey and support FGDs

Rural

Quantitative household survey

75 households from 5 major urban centres with population over 10,000



URBAN

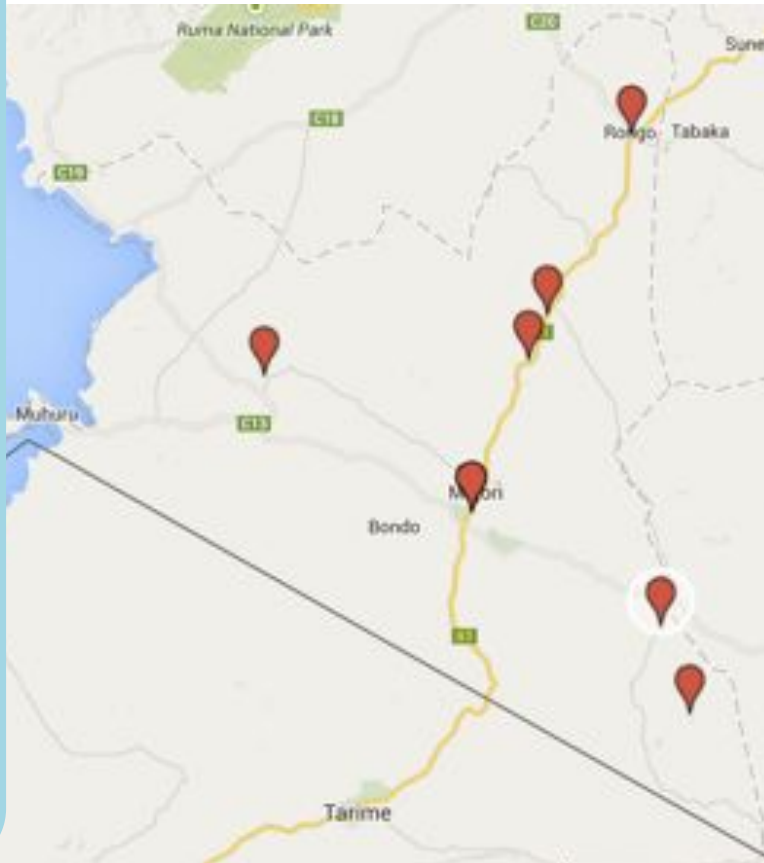


425 households from 20 randomly selected sub-wards (i.e. the smallest administrative unit we could find)

Qualitative
focus group
discussions

Participants

8 sub-counties, organised by
sub-county admins



20 participants on average split
into groups:

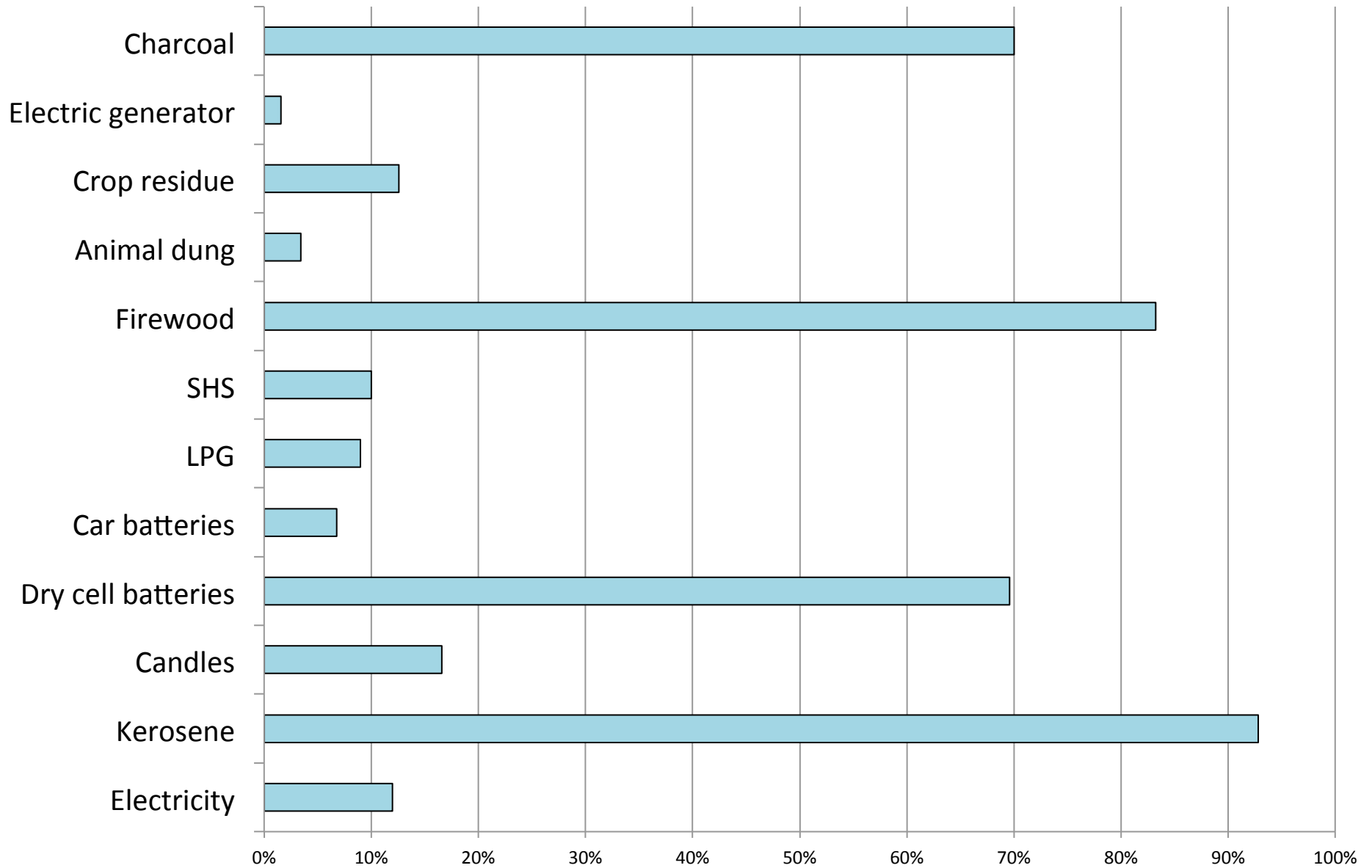
- Women
- Youth
- Elders/community leaders
- Ward admins

Discussions focused on
energy challenges and
potential avenues for
participation in energy planning

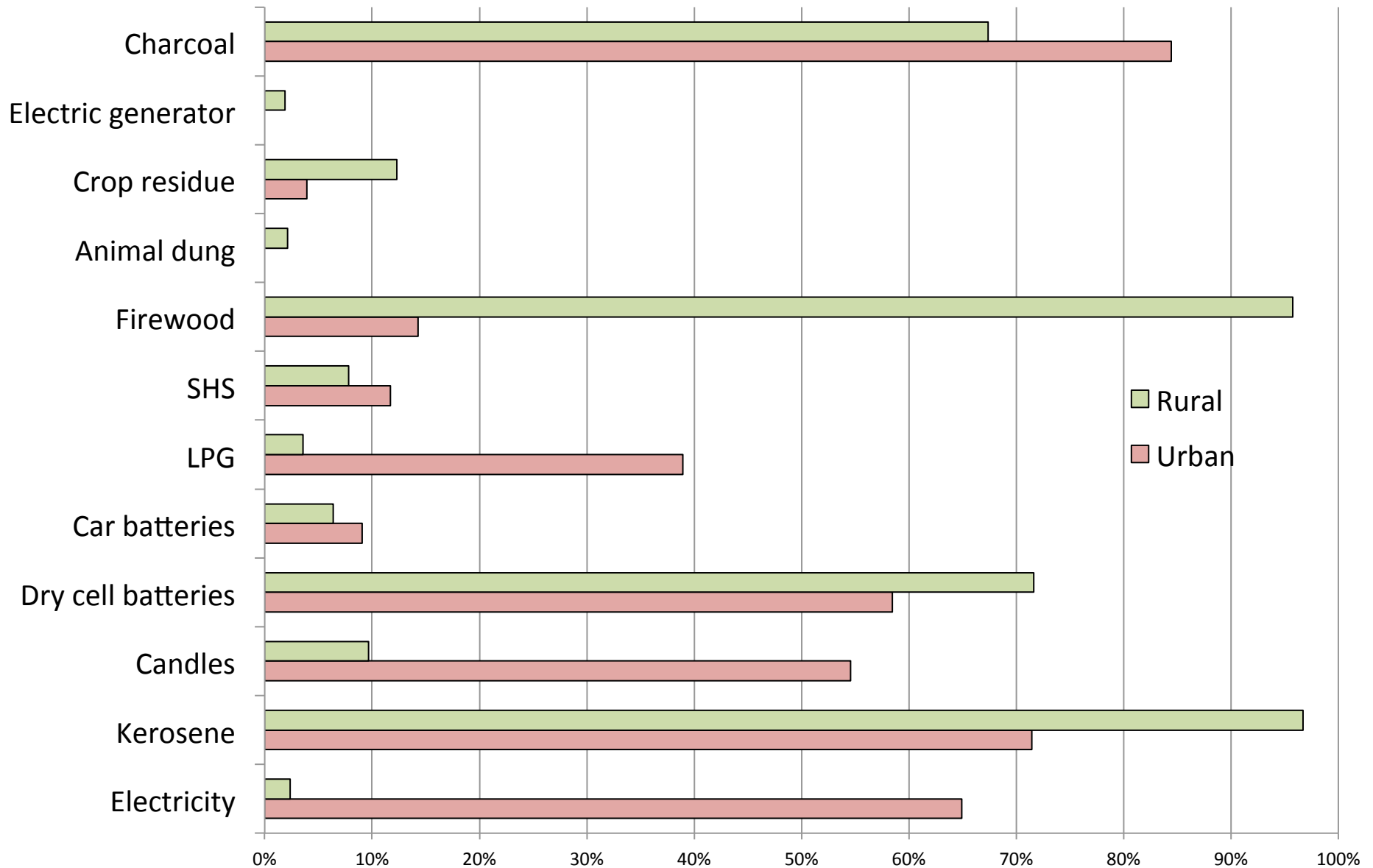
Location

Energy consumption dynamics

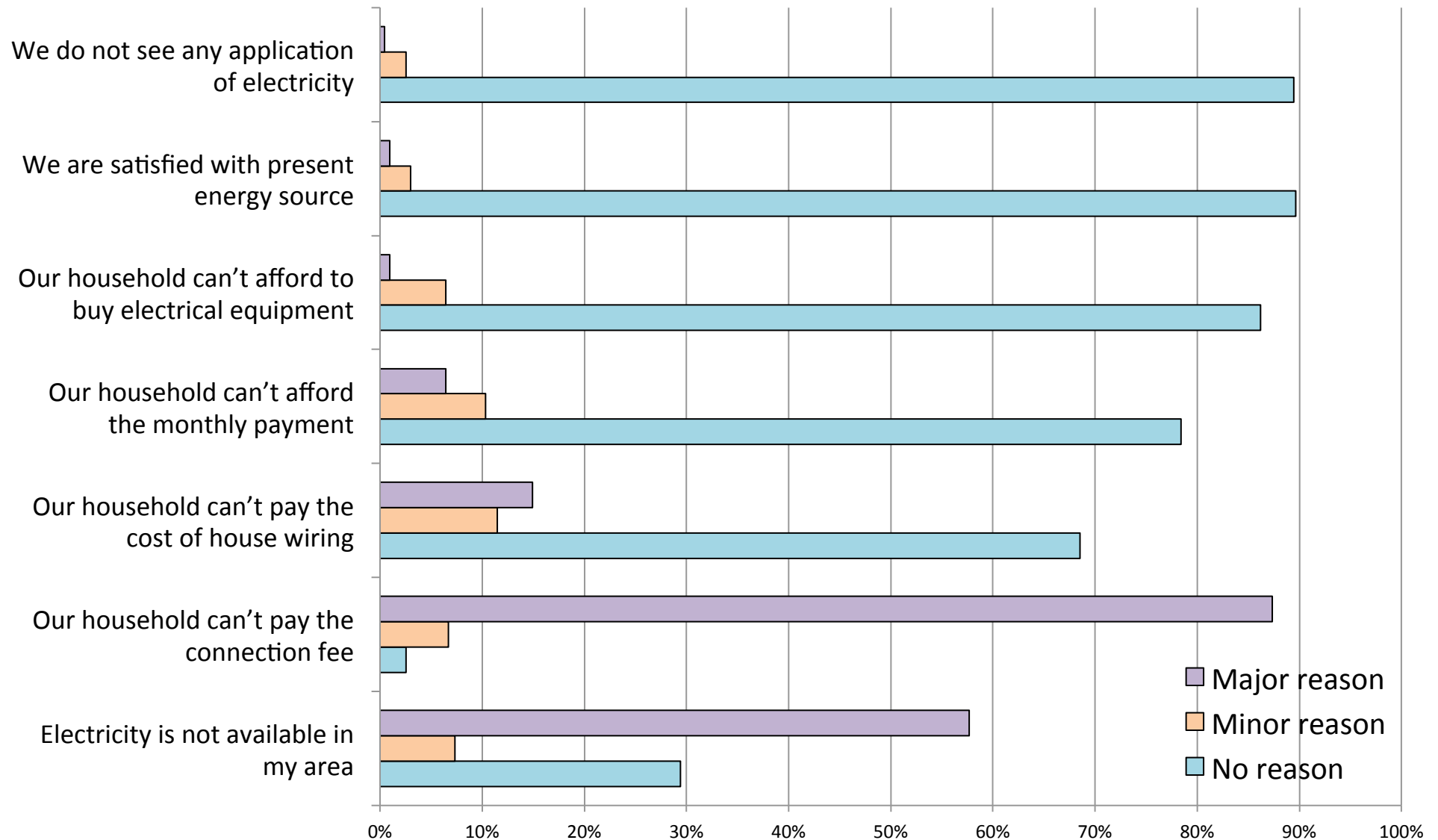
Energy use



Different energy consumption patterns in urban and rural areas



For the 87-88% without electricity, the reasons for not having access are:



Estimated costs of energy

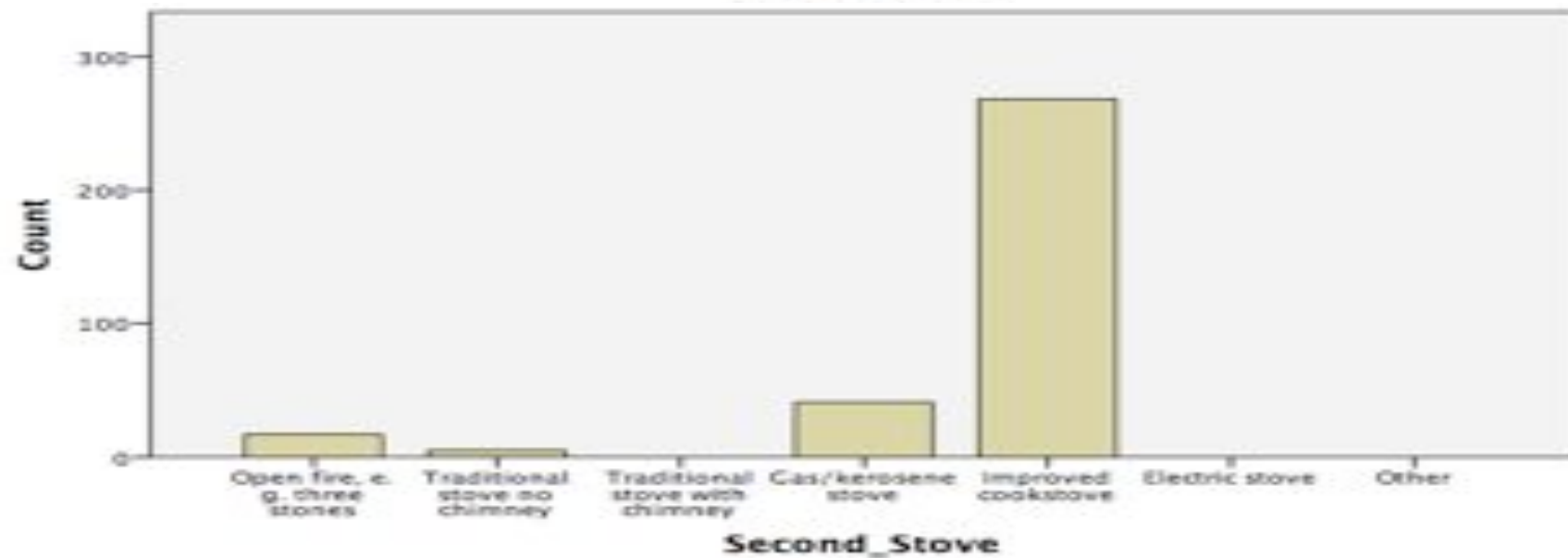
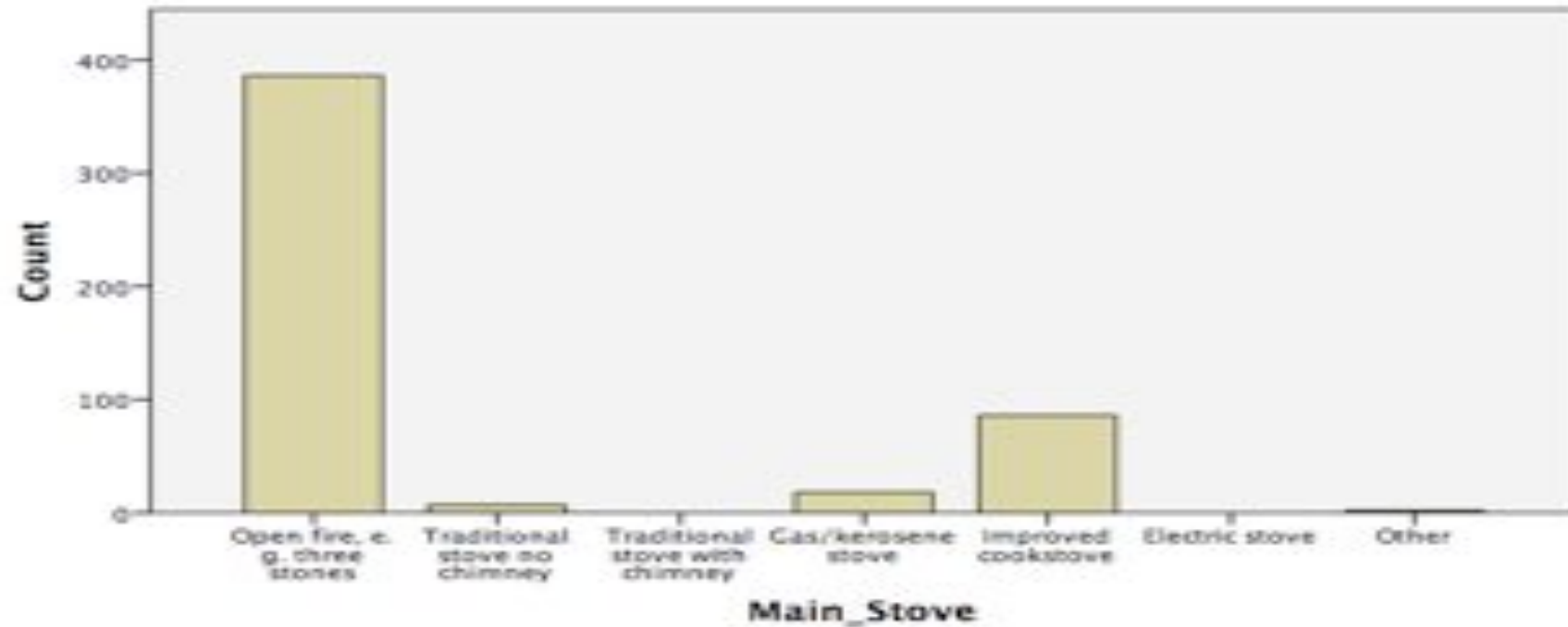
Electricity = 597 KES/month

Kerosene = 351 KES/month

Charcoal = 1334 KES/month

Firewood = 531 KES/month (for those who buy)

Household cooking

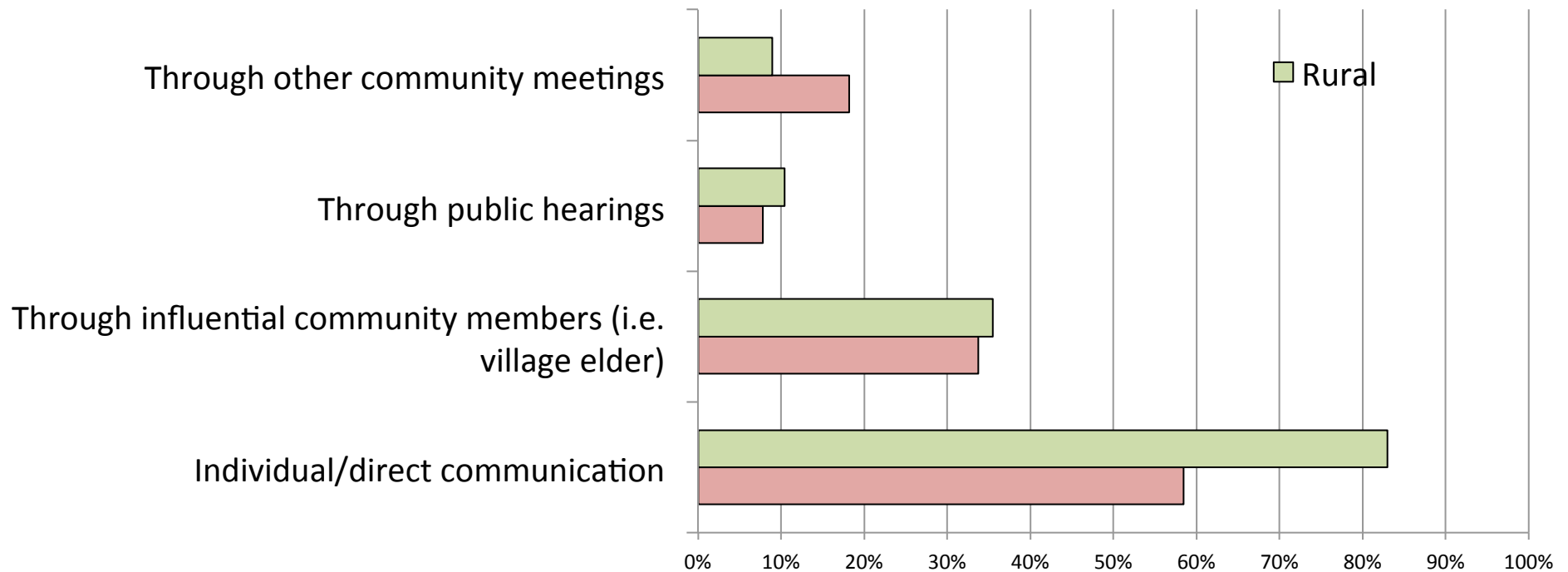


Avenues for participation

Would you like to be involved in forums to discuss energy issues?

Yes: 79% (395 respondents) urban: 58%
rural: 84%

Through which channels/forums would you like to discuss your views on energy?



What issues would you raise?

Bring the grid to the village

Subsidise the cost of connection

Promote clean technologies

- *Solar lanterns and solar home systems*
- *Improved cookstoves*
- *Provide tree seedlings for planting*

Provide loan schemes for clean technologies

Empower the community

- *Encourage community meetings*
- *Support women's groups*
- *Offer involvement in projects*
- *More regular surveys and engagement with households*

How could the county government encourage participation?

Project led to increased awareness about energy options, but still much to be done

High demand for low consumption (batteries, lights)

Electricity access **will not address** charcoal and firewood use for cooking

Conclusions

Avenues for participation do exist

Energy Centres have a crucial role to play in supporting county energy departments

Wider politics play a role

Asanteni sana!

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