

EnDev Bangladesh



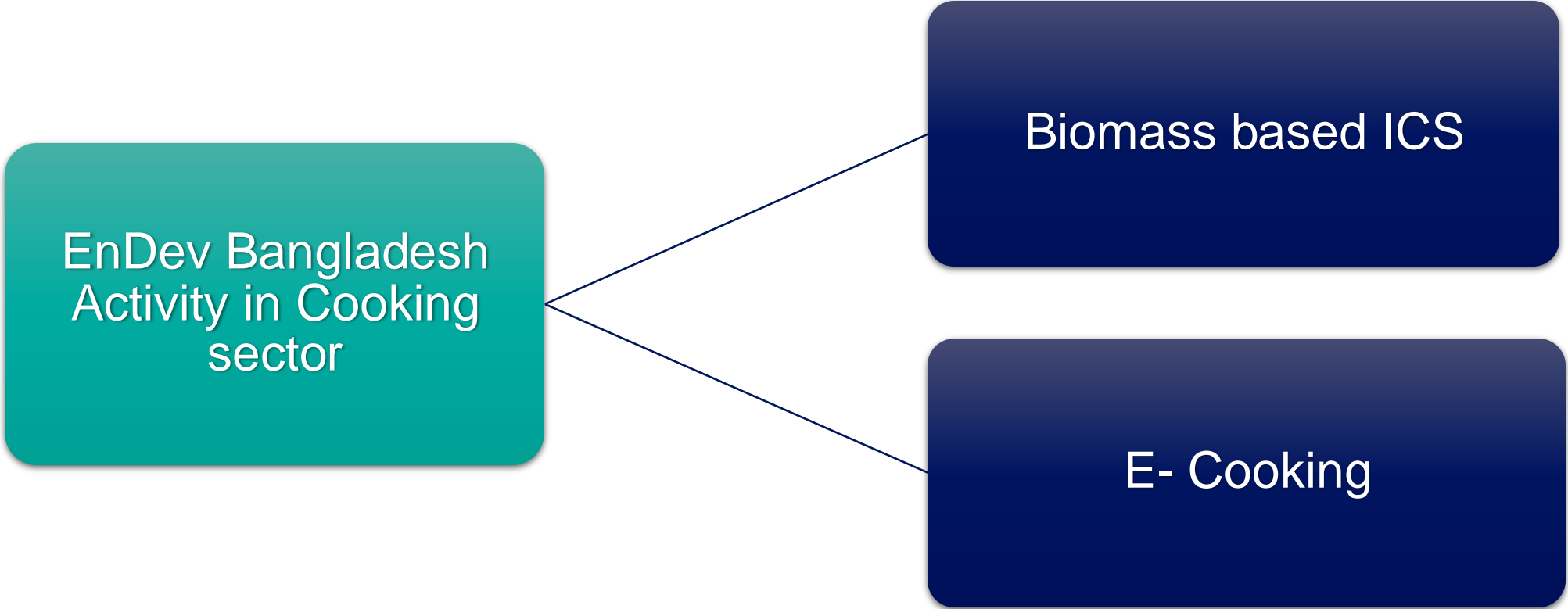
About EnDev Bangladesh



Energising Development (EnDev) is a global initiative that promotes sustainable access to modern energy in developing countries. Since 2009, EnDev Bangladesh has facilitated access to modern and clean energy solutions for rural households and businesses.

In Bangladesh, EnDev focuses on improving access to clean energy solutions, such as improved cookstoves, solar home systems, and other renewable energy technologies. The initiative works to enhance energy efficiency, promote gender equality, support economic development, and contribute to environmental sustainability by reducing reliance on traditional biomass and fossil fuels.

So far, over 2.24 million people have been reached with clean cooking technology and over 1.82 million people with solar energy solutions.



Biomass-based Improved Cookstove

- **Market Development:**
 - EnDev Bangladesh supports local producers and entrepreneurs in producing and distributing ICS.
 - Facilitates the scaling up of ICS production and distribution across rural communities.
- **Capacity Building:**
 - Providing training to women and involve them in the production and maintenance of ICS, promoting gender equality and recognizing the potential for these women to generate livelihood opportunities for themselves.



Biomass-based Improved Cookstove (Cont.)

- **Leaving No One Behind (LNOB):**
 - Tribal communities, facing challenges in firewood availability due to forestry protection measures, are becoming a new customer group for Improved Cook Stoves (ICS). EnDev BD is working for LNOB (tribal, indigenous, women) access to biomass based cookstove.



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Problem
**Ratna Das struggling with smoky, inefficient
traditional cookstoves**





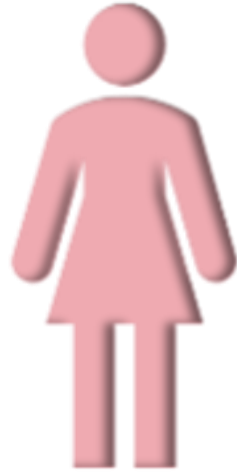
Biomass based ICS Commercial user

94%



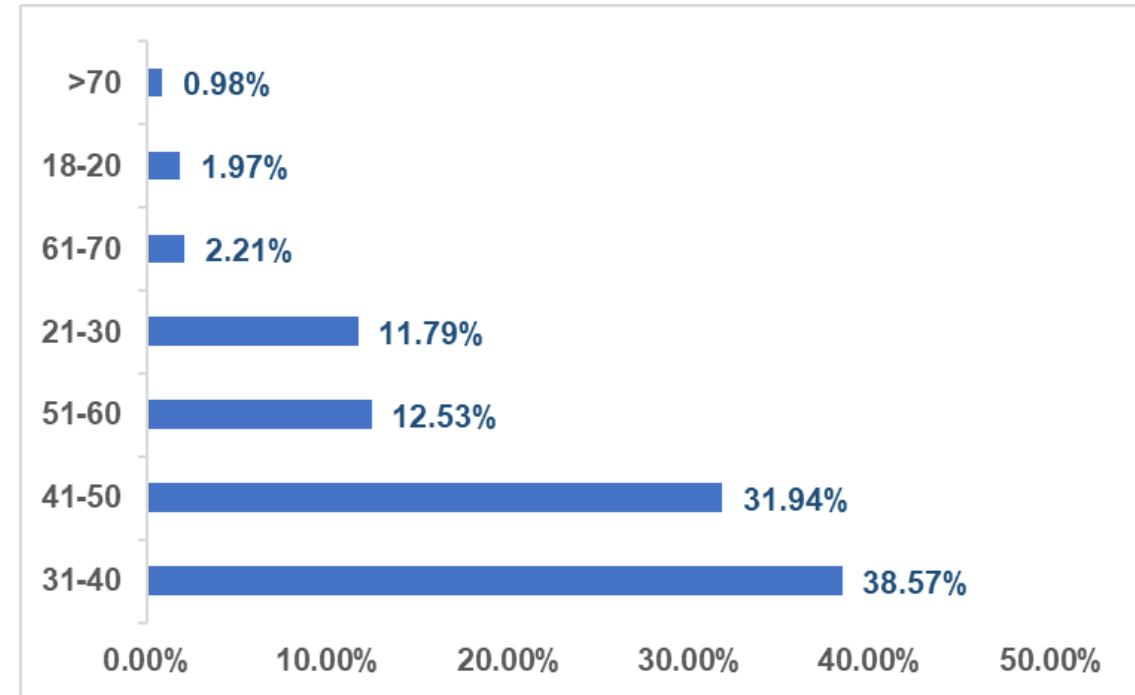
Male

6%



Female

Percentage of male and female of ICS commercial user



Age of the Respondents



ICS maintenance worker

27%



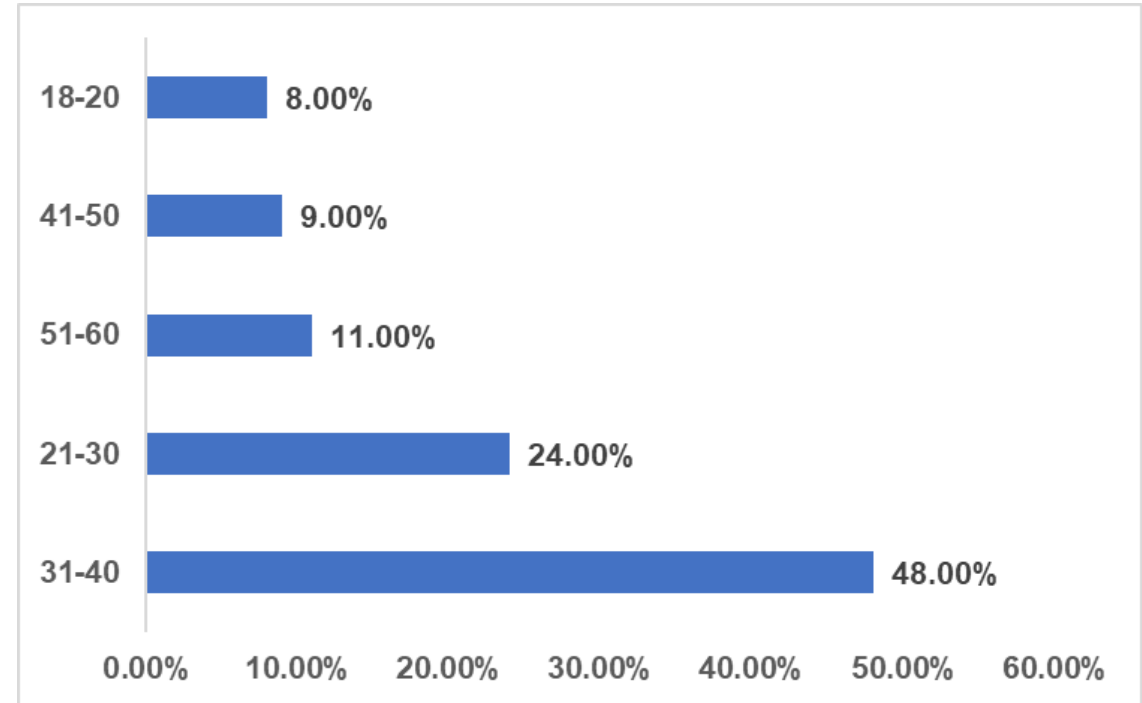
Male

73%



Female

Percentage of male and female of ICS maintenance worker



Age of the Respondents

E-Cooking

- **At the supply side**, EnDev is using Result Based Financing (RBF) mechanism to incentivize manufacturers and distributors of e-cooking appliances (rice cooker and induction cooker) to enter rural and peri-urban areas.
- **At the demand-side**, EndeDev accompanied the RBF scheme with behaviour change and awareness-raising campaigns, promoting the benefits of high-quality e-cooking appliances and reached 25,000 households.
- **For the enabling environment**, EnDev actively supports its partners, Bangladesh Standards and Testing Institution (BSTI) and Sustainable and Renewable Energy Development Authority (SREDA), to establish energy performance standards and testing protocols for e-cooking appliances and provides technical support to BSTI on the adoption of these standards.





E-cooking User

41%



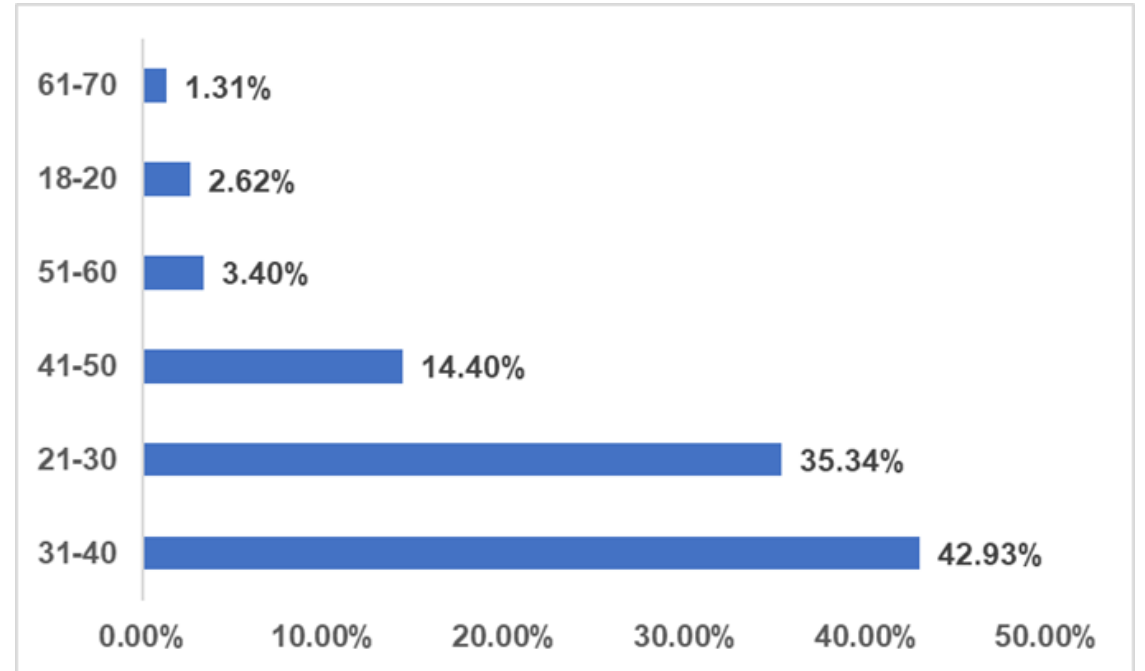
Male

59%



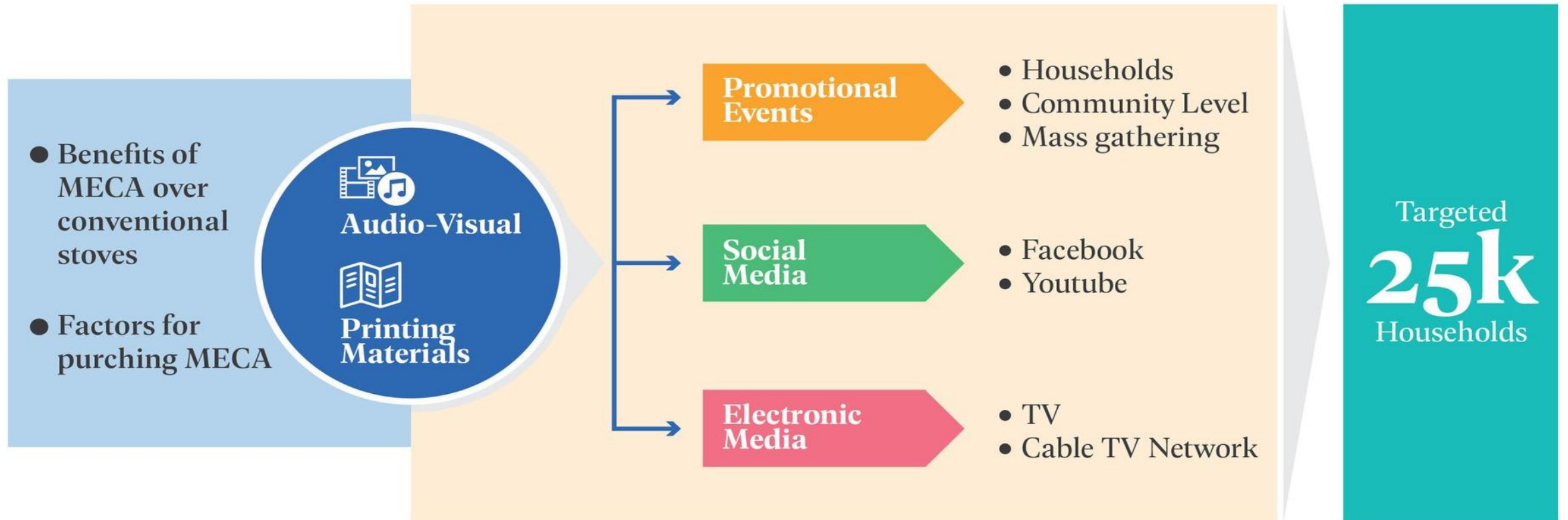
Female

Percentage of male and female e-cooking user



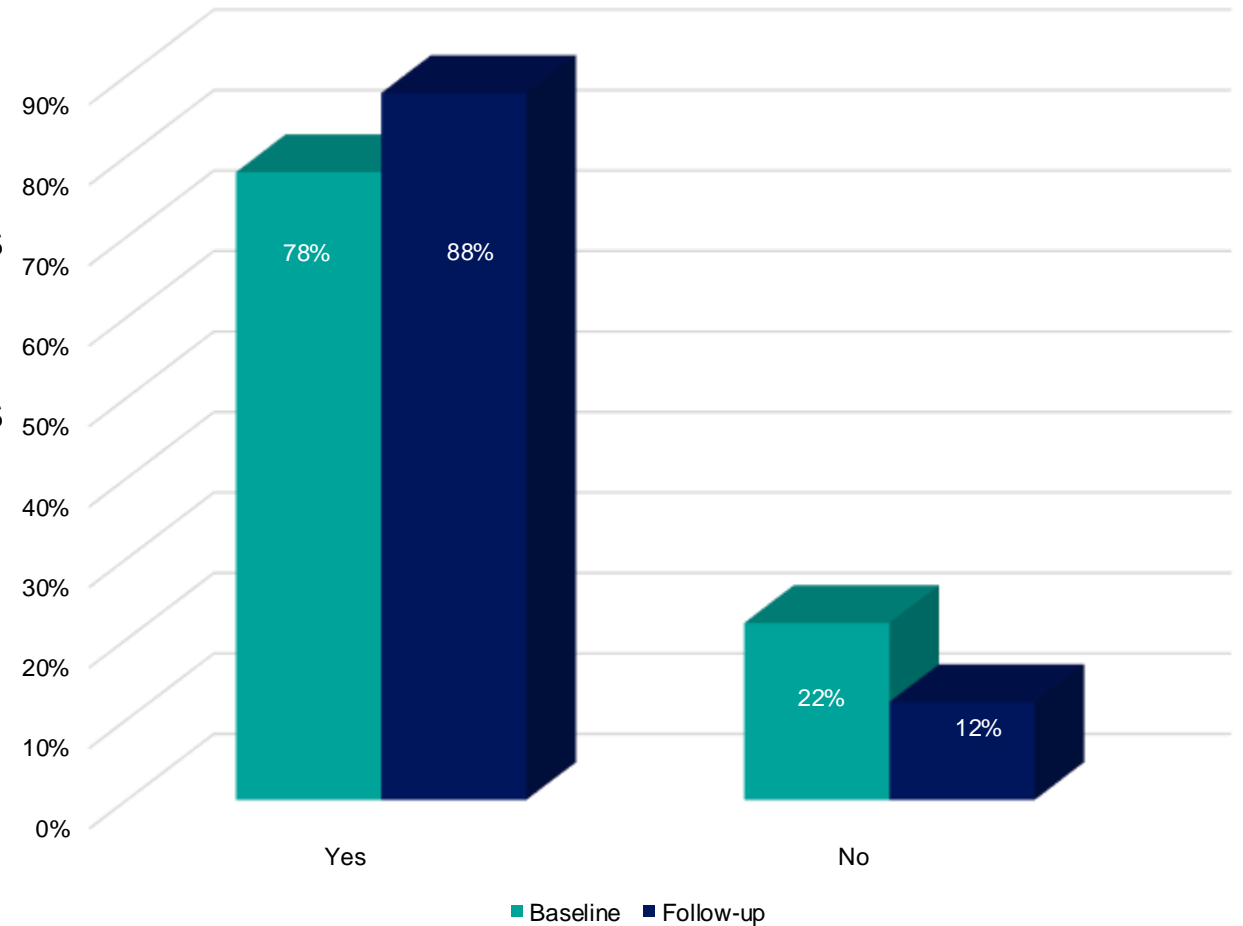
Age of the Respondents

Behaviour Change Campaign (BCC)



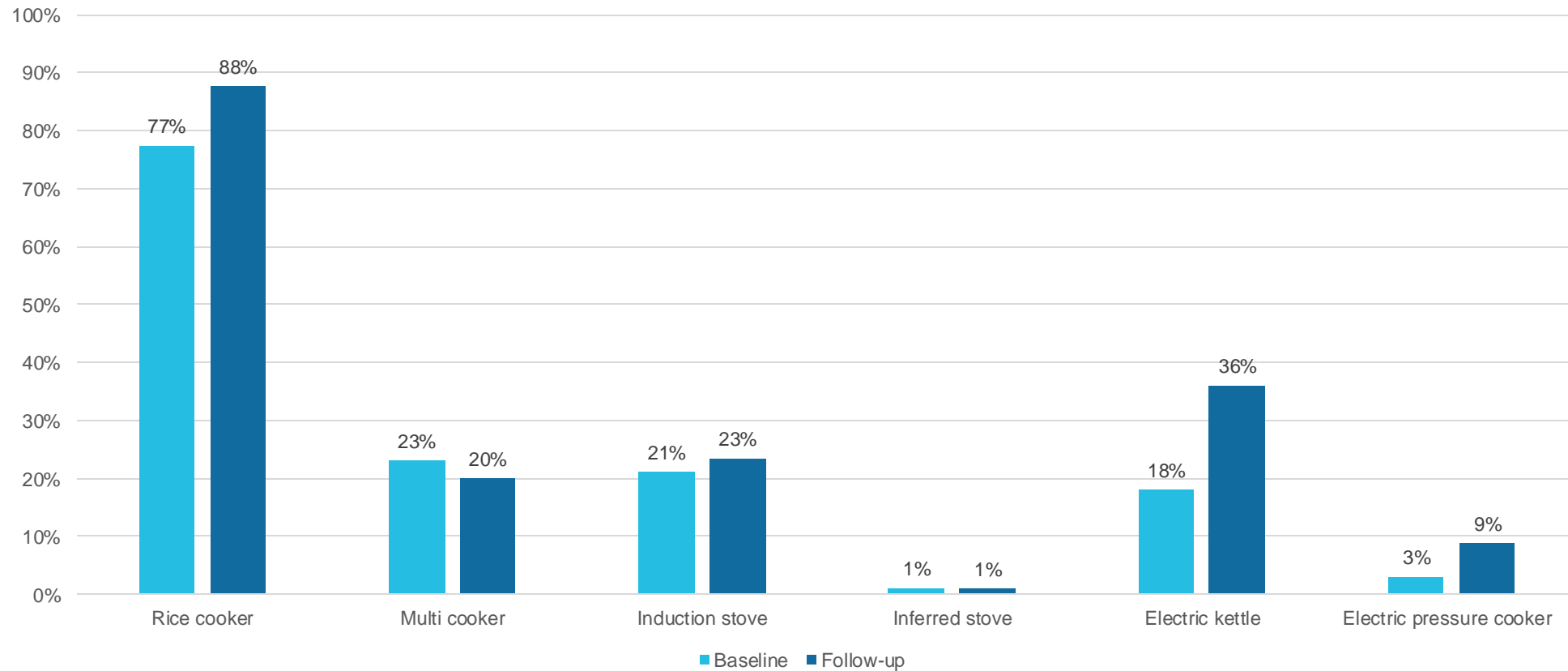
Familiarity with Electric cooking stoves

- 25000 households were reached as baseline and 2500 households as follow up
- 78% households familiar with electronic stoves as per baseline
- 88% households familiar with electronic stoves as per follow up

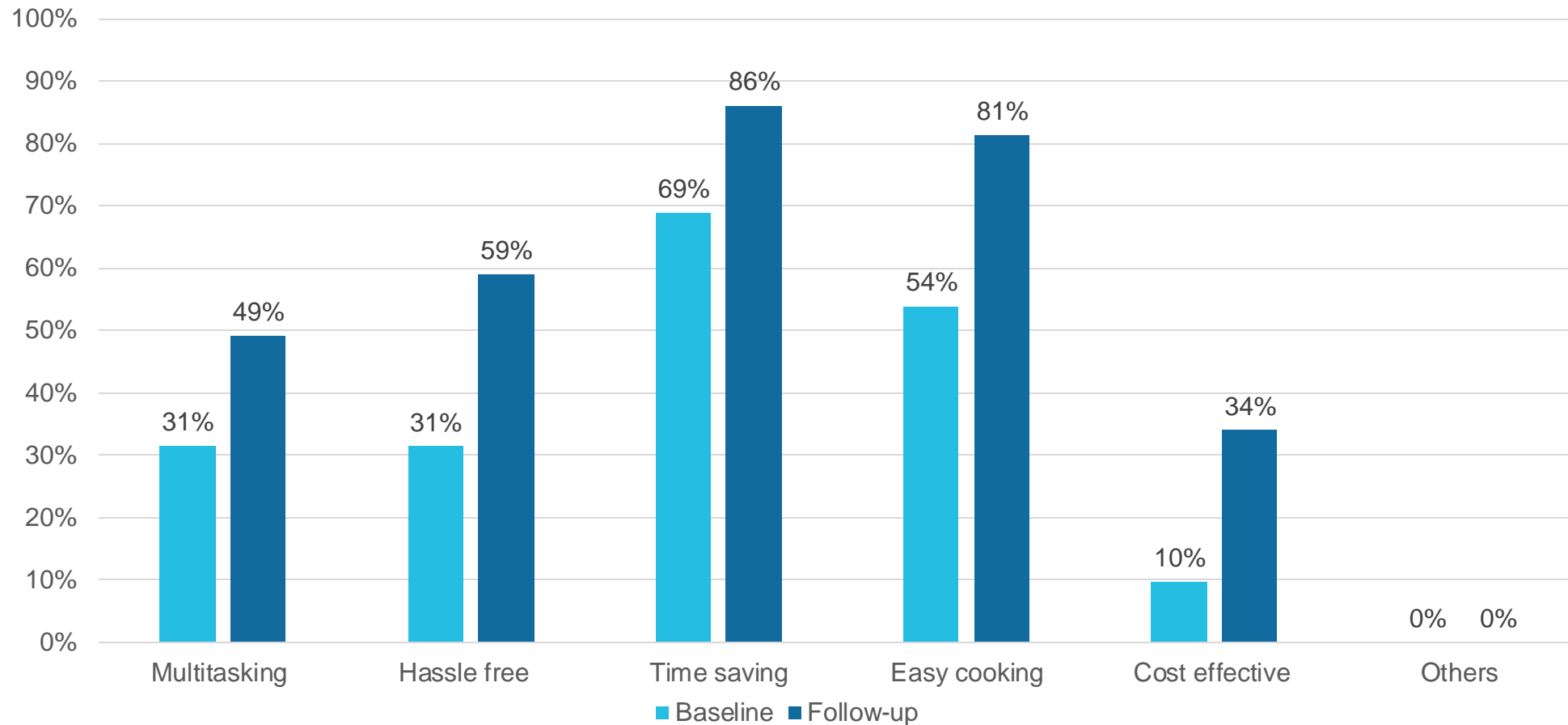


Type of electric stoves respondents are familiar with

- Most of the households are familiar with Rice cooker (baseline 77% and follow-up 88%)

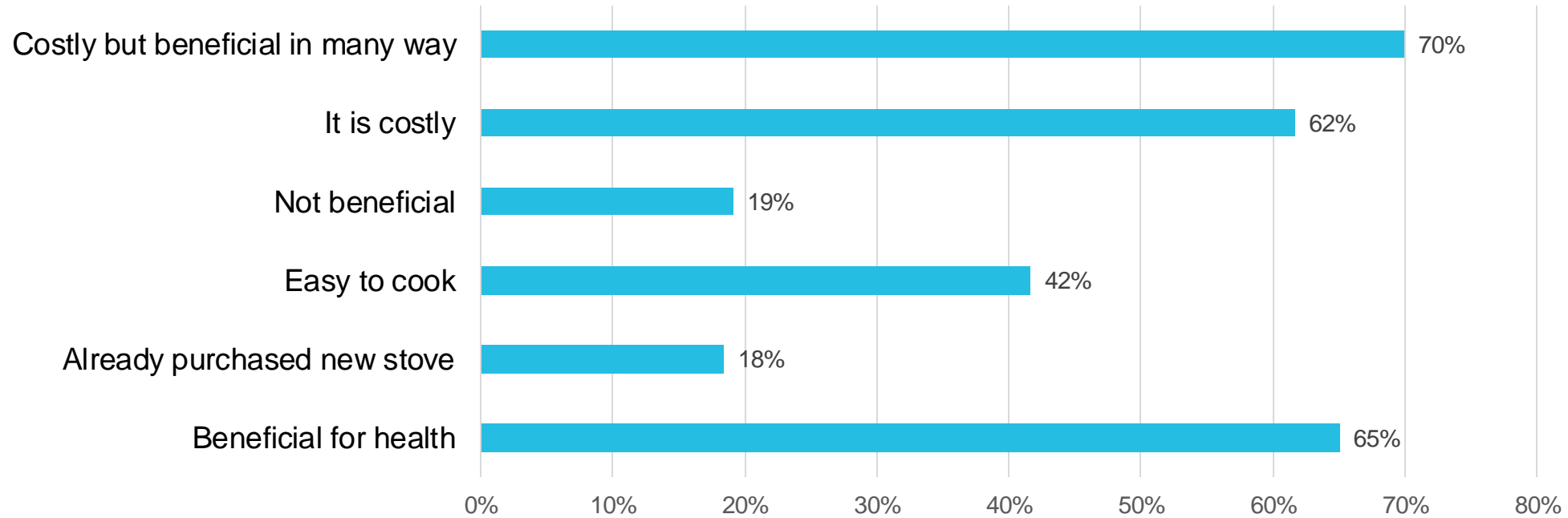


Positive Aspects of Electric Cookstove as per Users



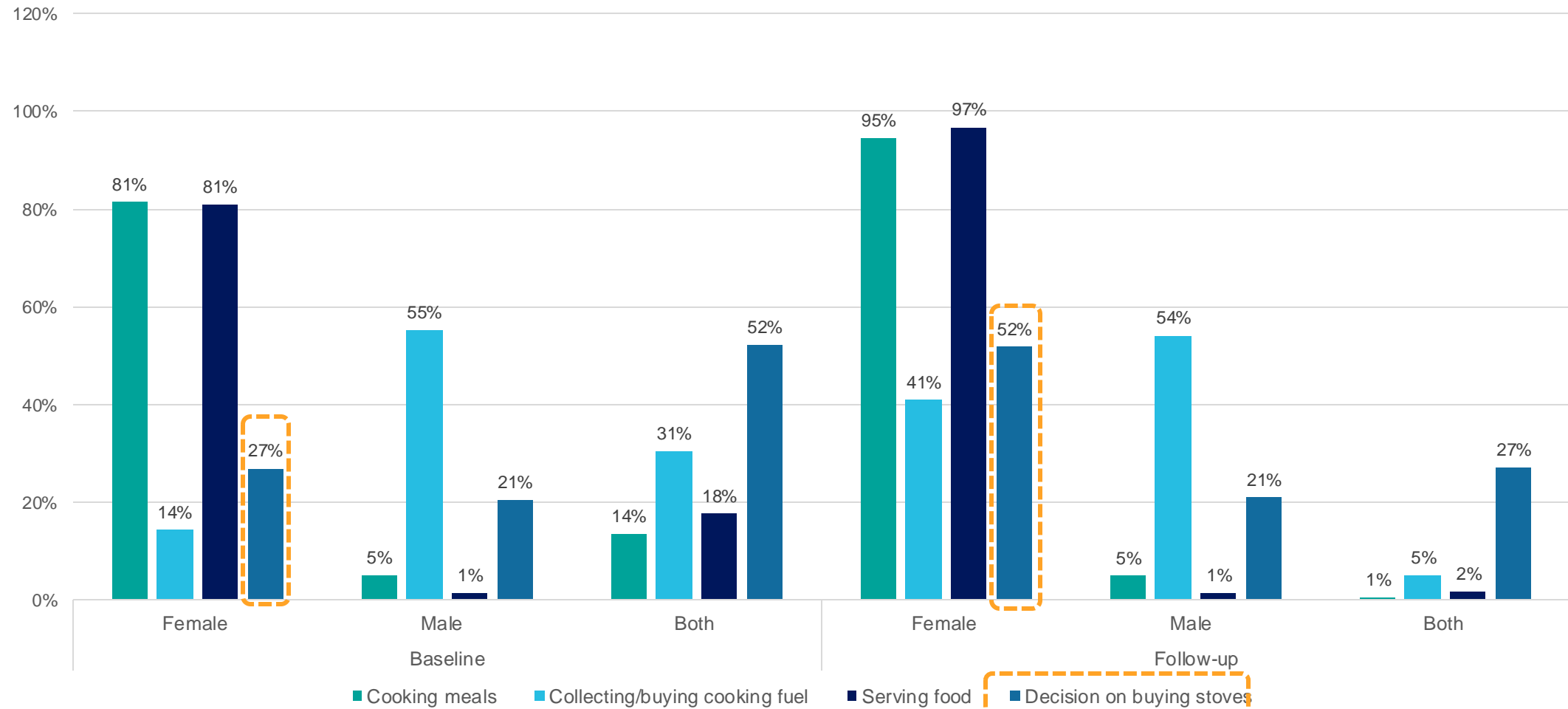
- Users think most positive thing for e-cooking is 'Time saving' (baseline 69%, follow-up 86%) and another most positive thing is 'Easy cooking' (baseline 54%, follow-up 81%)

Respondents' thinking about e-cooking appliances (during follow-up)



- Already 18% respondents bought new e-cooking appliances
- As per follow-up visit findings 70% respondents think that e-cooking appliances are costly but beneficial in many way
- 65% respondents e-cooking is beneficial for health
- Only 19% respondents think e-cooking appliances are not beneficial

Gender Engagement in Cooking and Decision on Purchase



Thank you for your attention!

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