



Community energy in Bulgaria- public attitudes and prospects for future development

*Ass.Prof. Mariya Trifonova
Sofia University "St. Kliment Ohridski"*

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SELECTED RESULTS FROM NATIONAL REPRESENTATIVE STUDY

The survey on the social acceptance of RES has been conducted among 1034 respondents in December 2020

Survey's field work: Market Links

Project financed by PURPOSE Climate Lab in cooperation with Sofia University

Citation: Trifonova, Mariya (2021): Social acceptance of renewable energy sources and the technologies for their utilization. Available at https://www.uni-sofia.bg/index.php/bul/content/download/248293/1637967/version/1/file/Report_RES.pdf

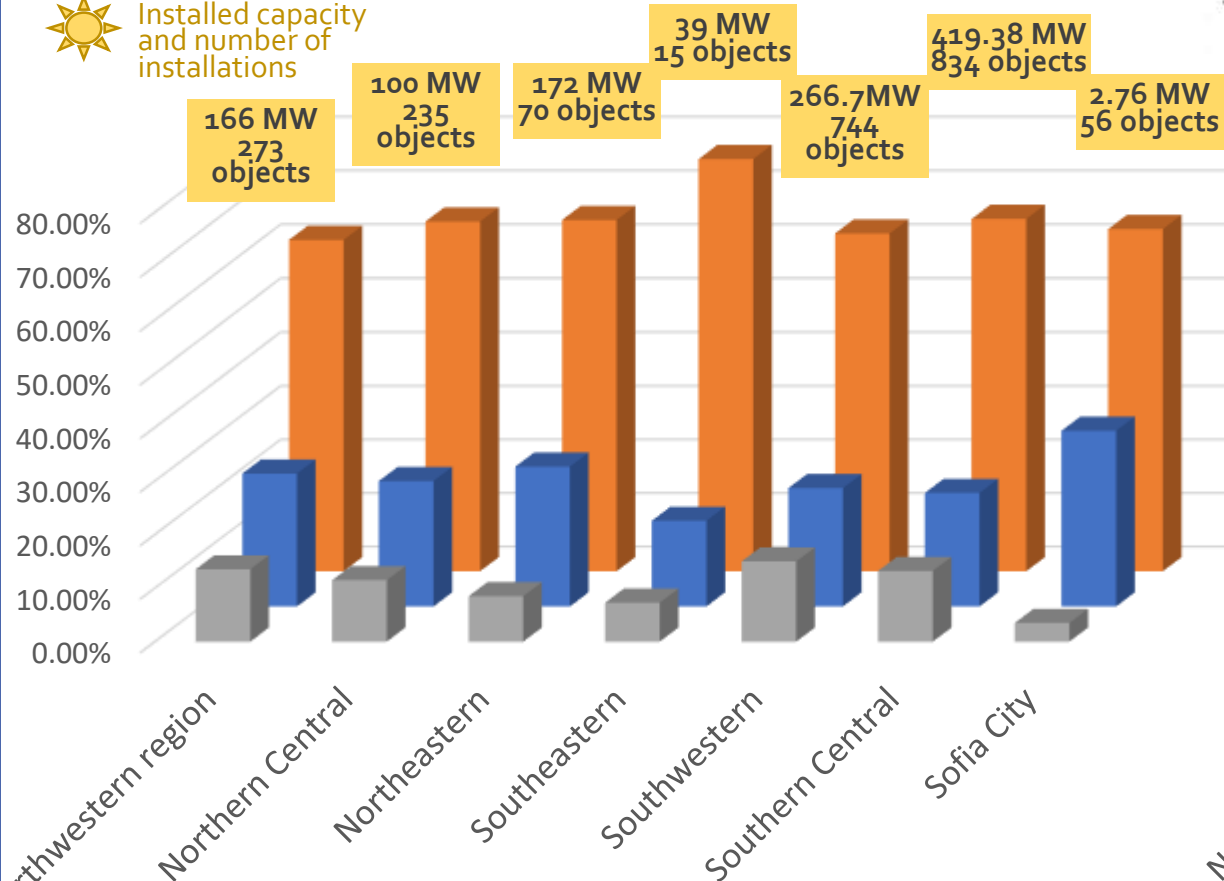
Low level of public awareness of renewable energy technologies



Solar energy/PV technologies

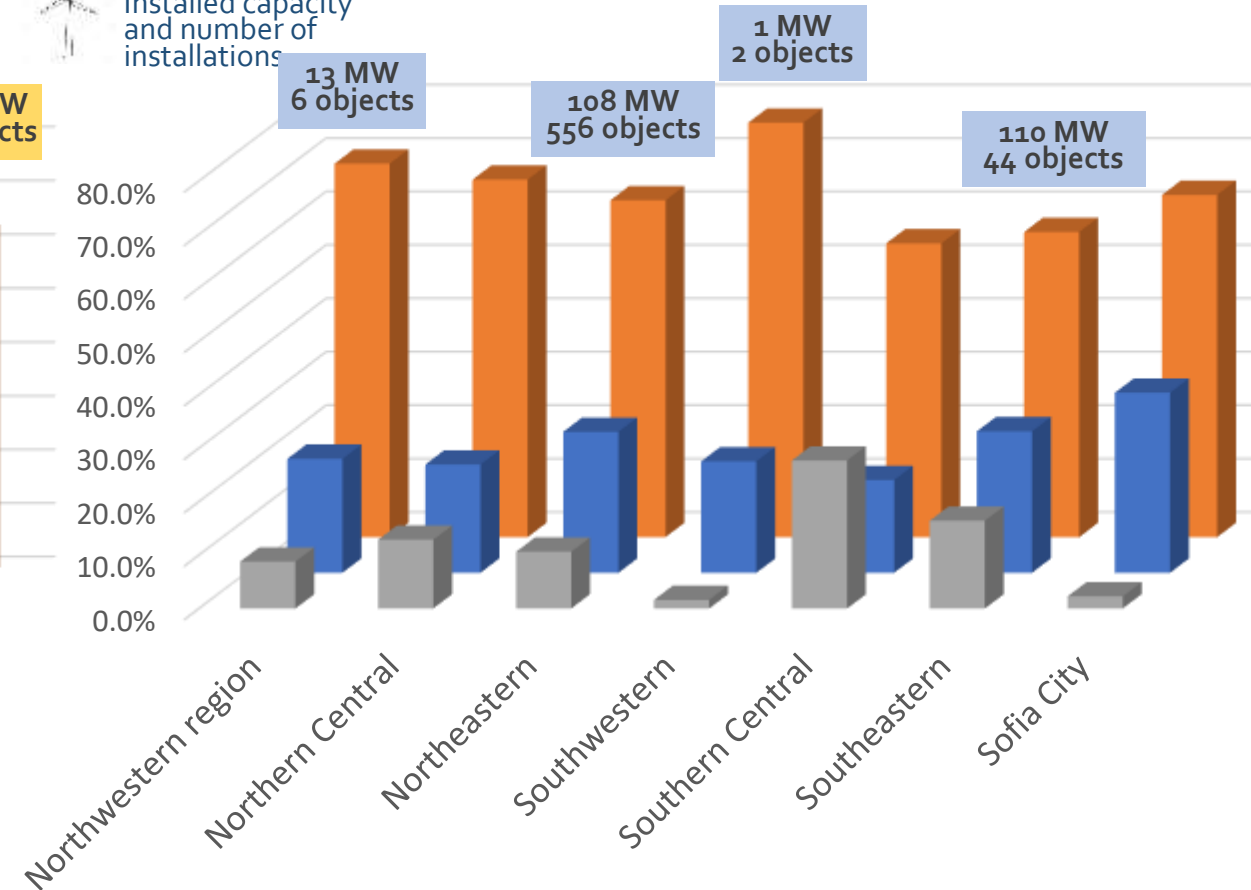


Installed capacity
and number of
installations



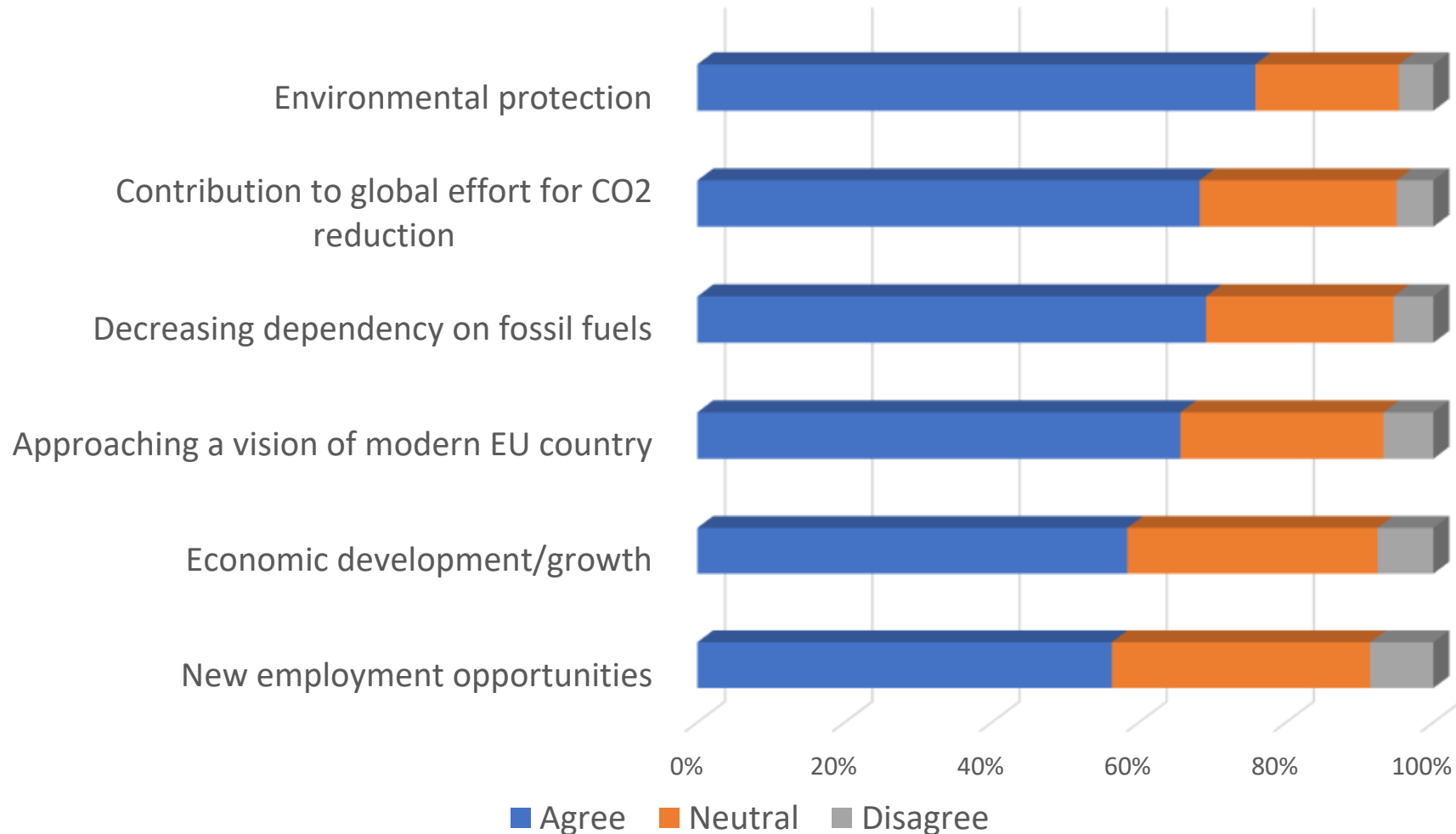
Installed capacity
and number of
installations

Wind energy technologies



I haven't heard about them
 Very well informed
 I don't know much

Benefits associated with decentralized clean energy



However, only 6 to 10% of the respondents are planning to invest in RES for various energy consumption needs (electric power, heating, mobility)

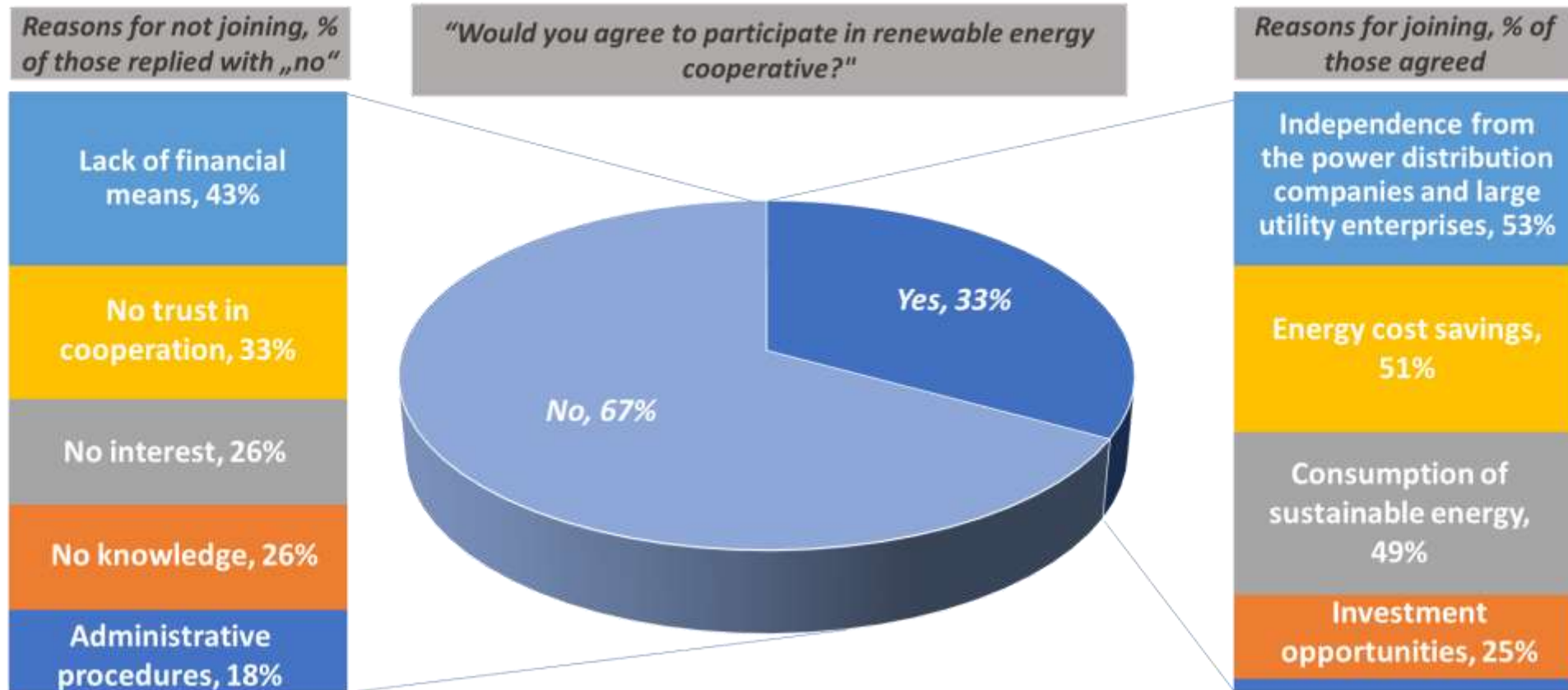
Statistically significant factors for higher public engagement with activities supporting RES



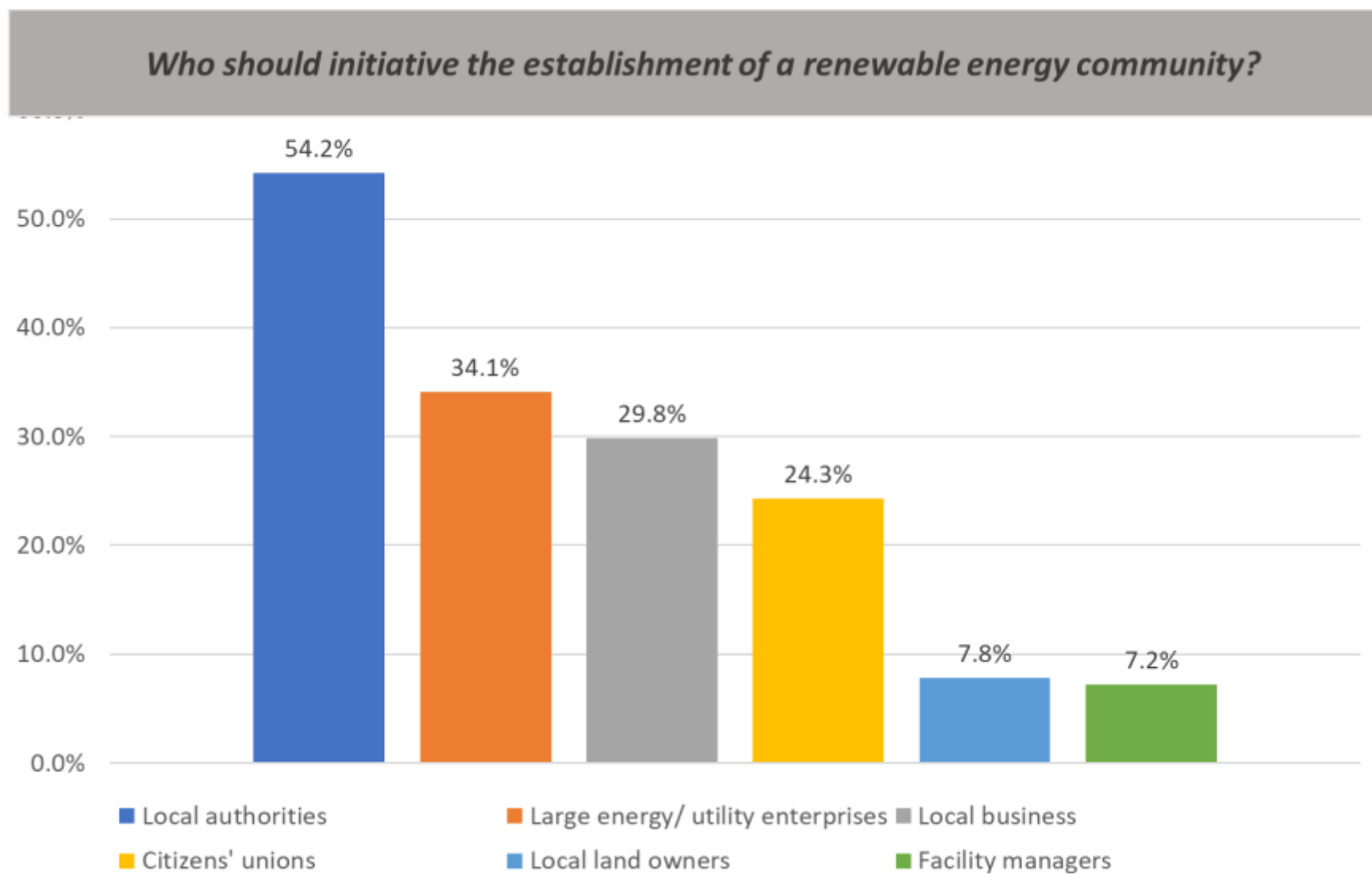
| | B | S.E. | Wald | df | Sig. | Exp(B) |
|---|--------|-------|--------|----|-------|--------|
| Benefits associated with RES: Environmental protection (A) | 0.326 | 0.119 | 7.530 | 1 | 0.006 | 1.386 |
| Benefits associated with RES: Vision of modern state (B) | 0.230 | 0.117 | 3.877 | 1 | 0.049 | 1.258 |
| Benefits associated with RES: Contribution to climate change mitigation (c) | 0.269 | 0.127 | 4.493 | 1 | 0.034 | 1.309 |
| Consciousness about the climate change (D) | 0.291 | 0.080 | 13.118 | 1 | 0.000 | 1.338 |
| Education (E) | 0.225 | 0.058 | 15.203 | 1 | 0.000 | 1.252 |
| Age (F) | -0.233 | 0.050 | 21.692 | 1 | 0.000 | 0.792 |
| View of the energy transitions as engaging and transparent (G) | 0.289 | 0.077 | 13.961 | 1 | 0.000 | 1.335 |
| Trust in the institutions (H) | 0.162 | 0.083 | 3.823 | 1 | 0.050 | 1.176 |
| Constant | -6.459 | 0.665 | 94.311 | 1 | 0.000 | 0.002 |

Perceived benefits, trust in the institutions and sociodemographic factors, such as education and age, are found statistically significant , but not income

Willingness to participate in a renewable energy community and reasons for (not)joining



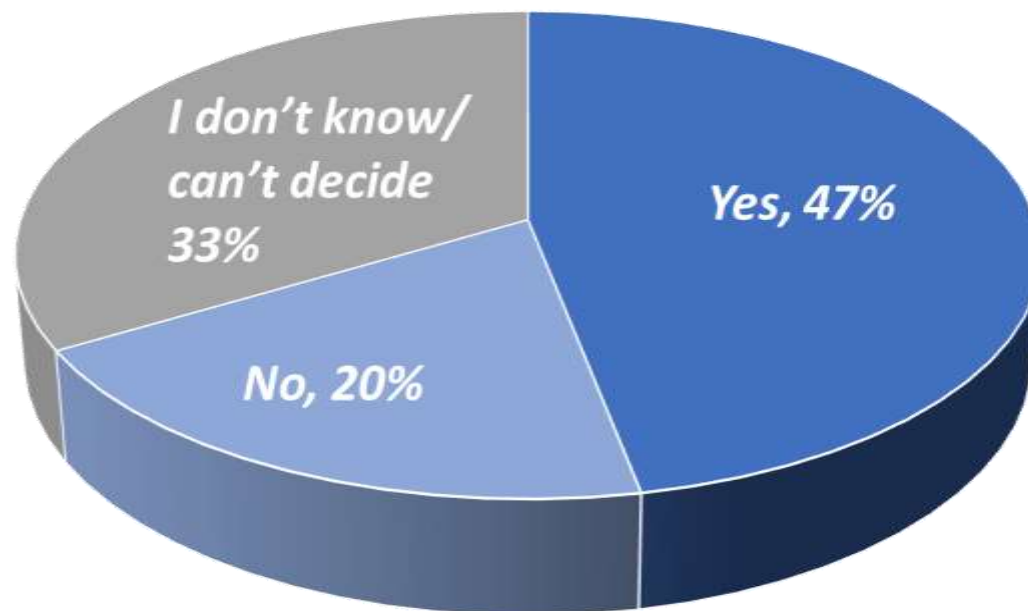
Perceived key actors/ initiators



Opportunities for coping with energy poverty/ vulnerability



Do you approve your local authorities to develop and support renewable energy projects for the benefit of energy poor and vulnerable consumers?



Current challenges and opportunities for energy communities



CONTACT DETAILS
