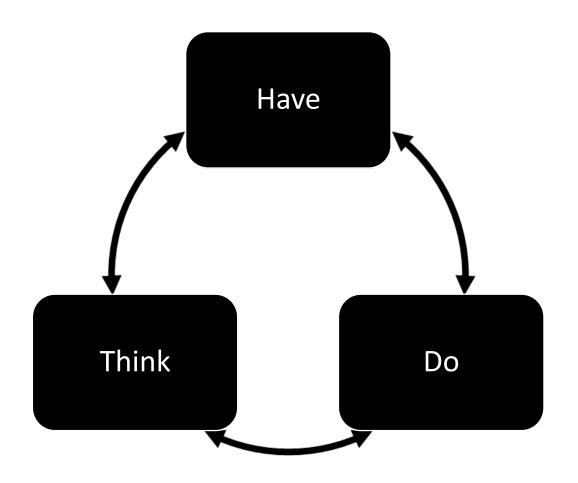
## Research on energy hardship using the energy cultures framework

Janet Stephenson

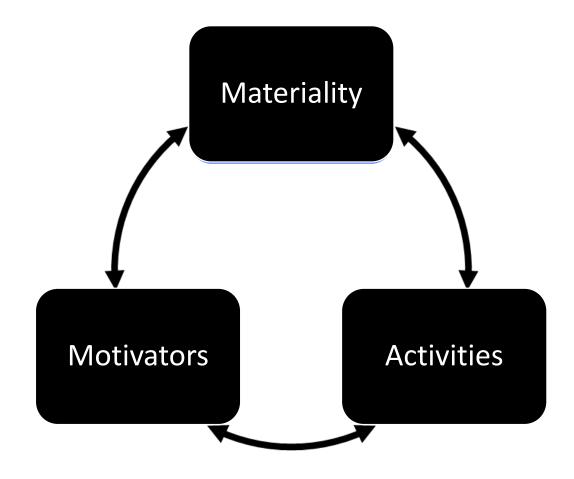
Centre for Sustainability

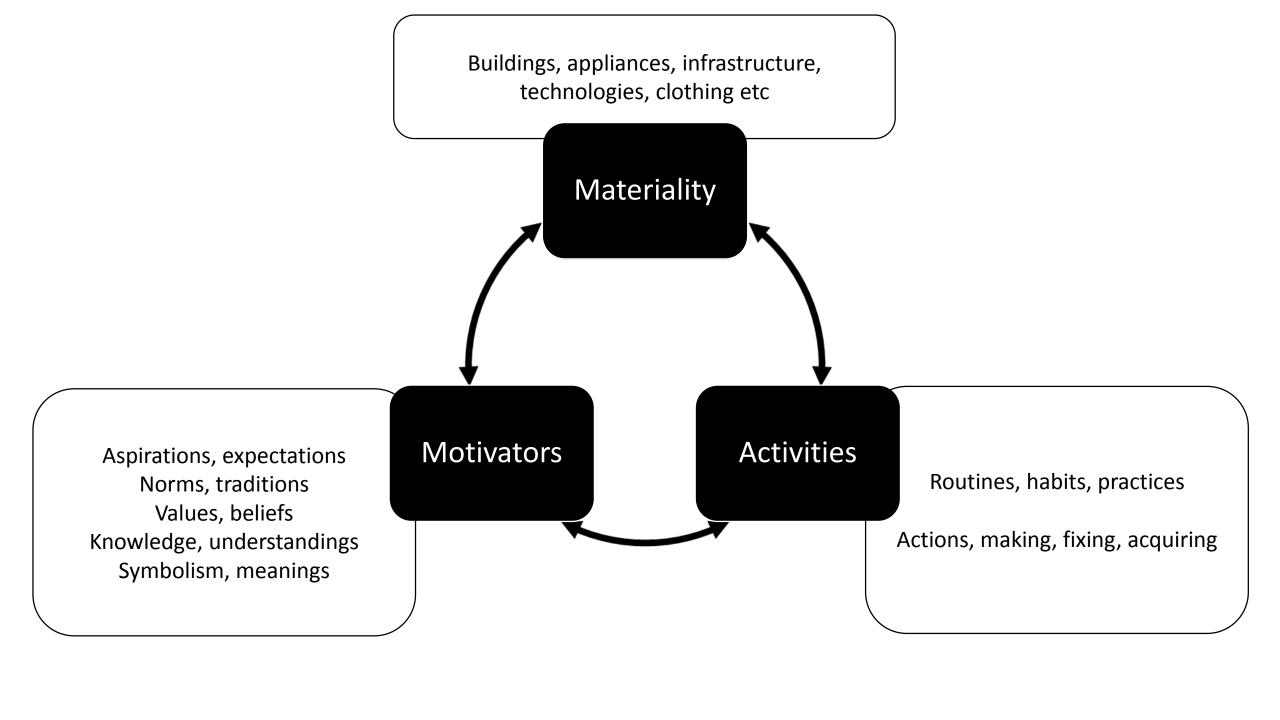
University of Otago

Presentation to OERC symposium, 28 November 2022

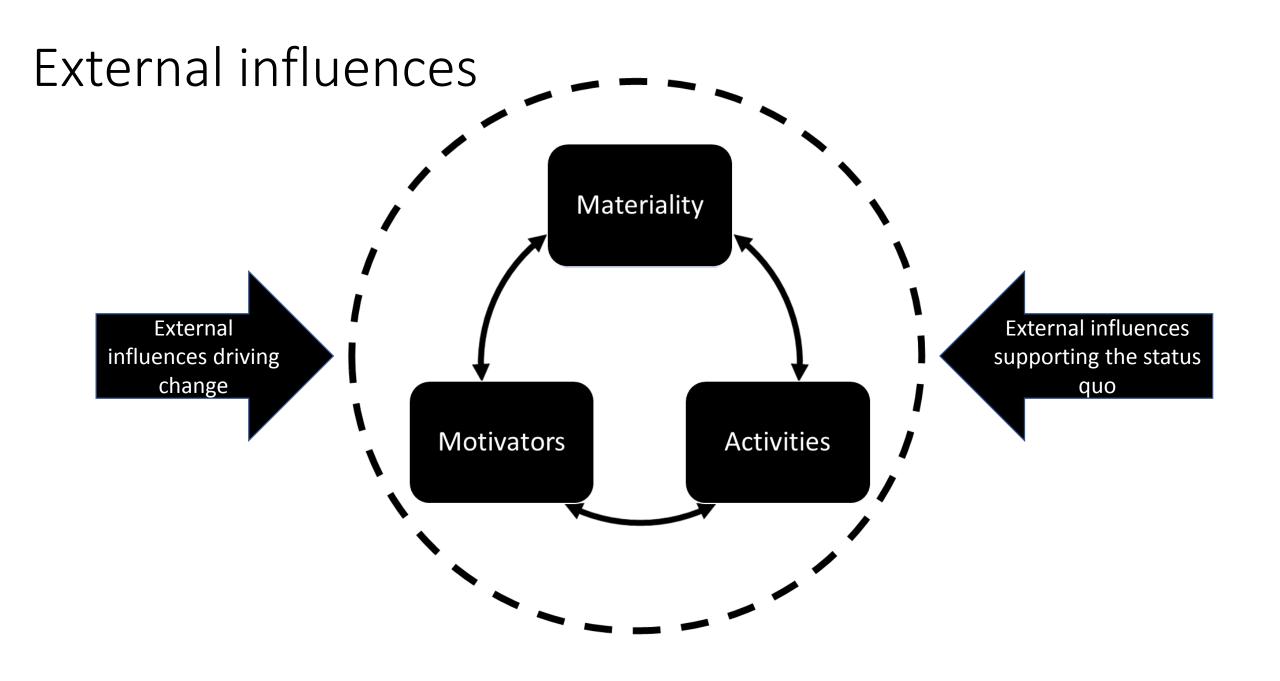


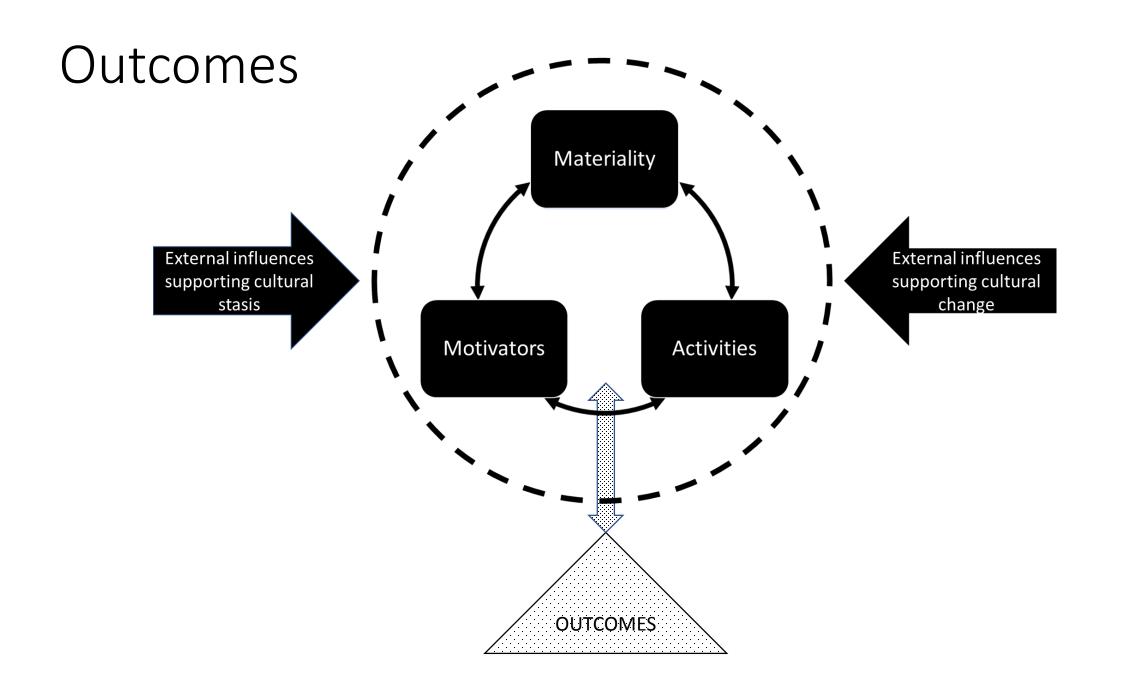
## Elements of culture

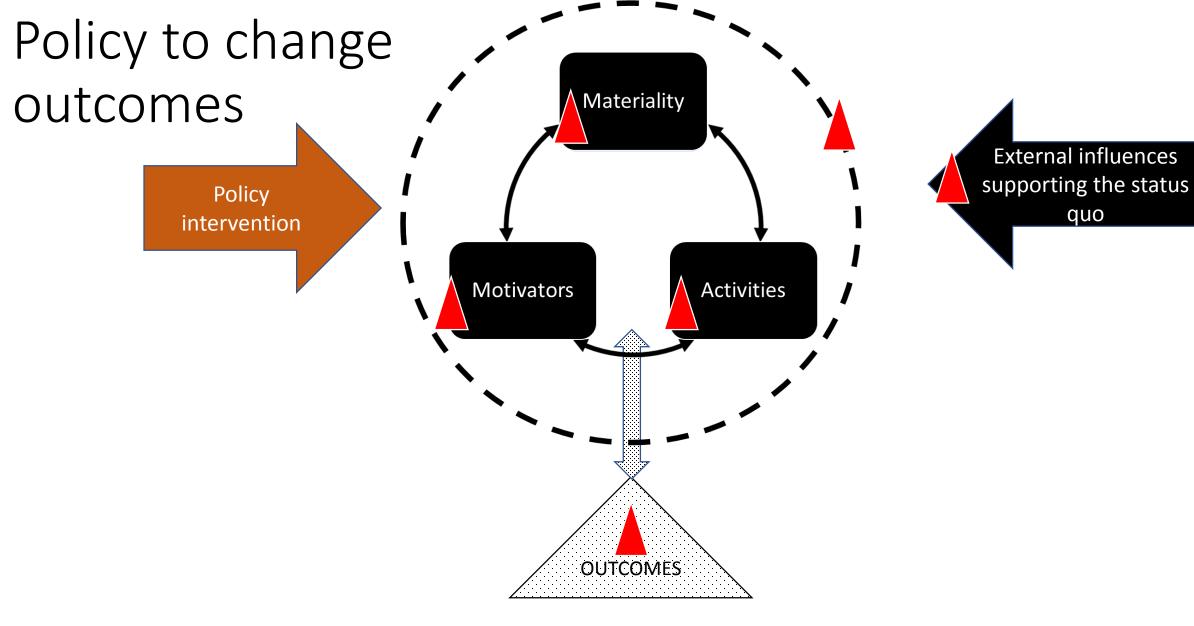


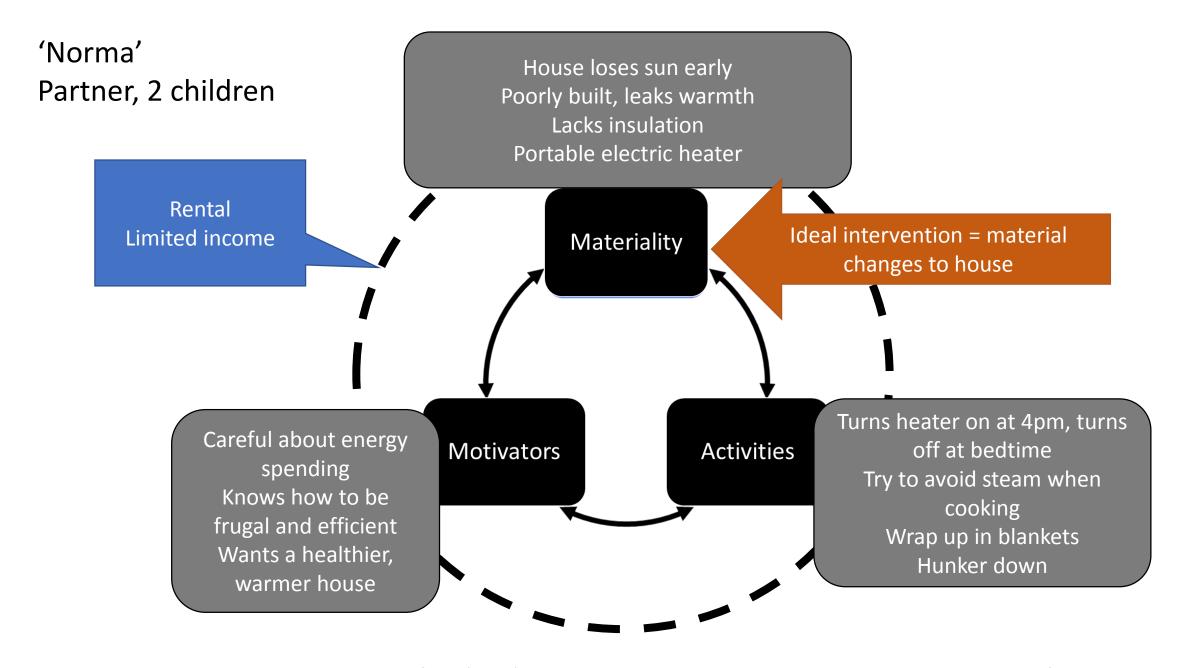


Agency: having choice; the ability to act 🖊 Materiality Motivators Activities

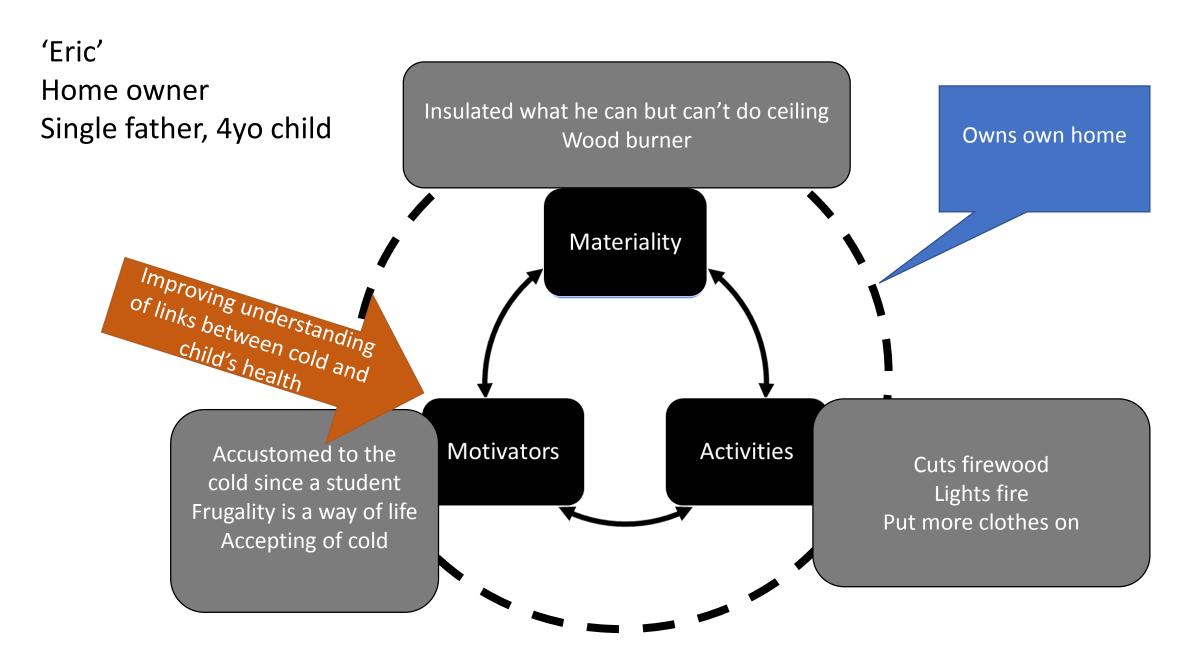




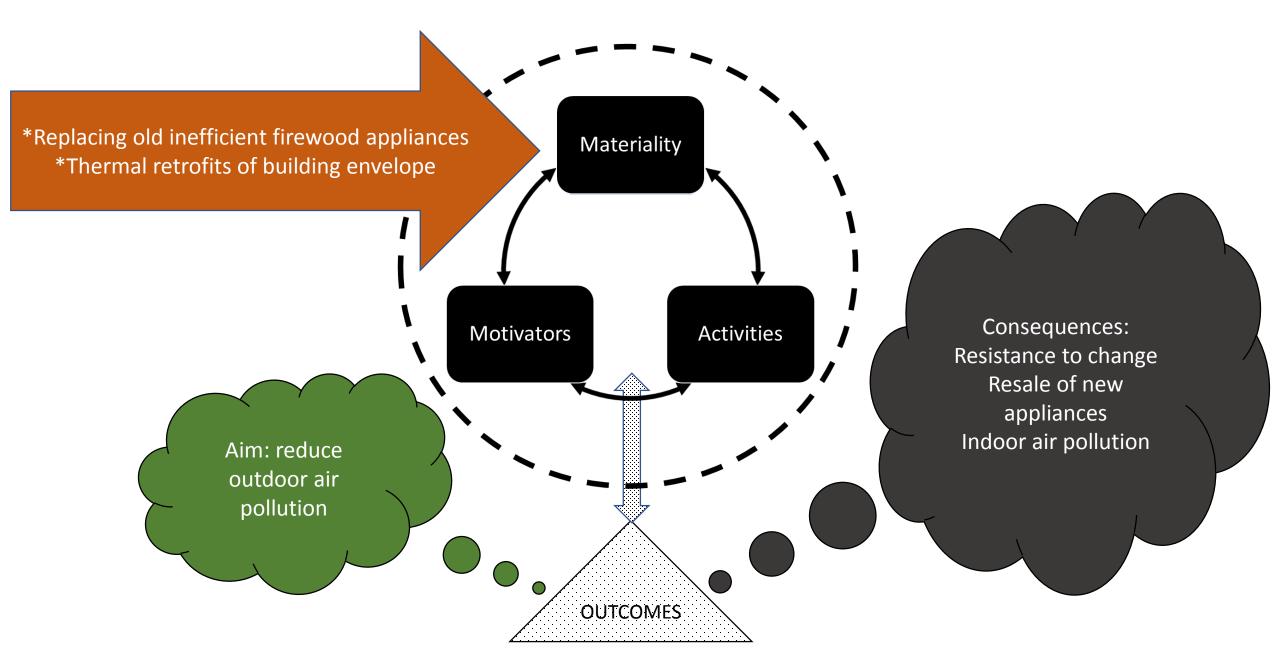




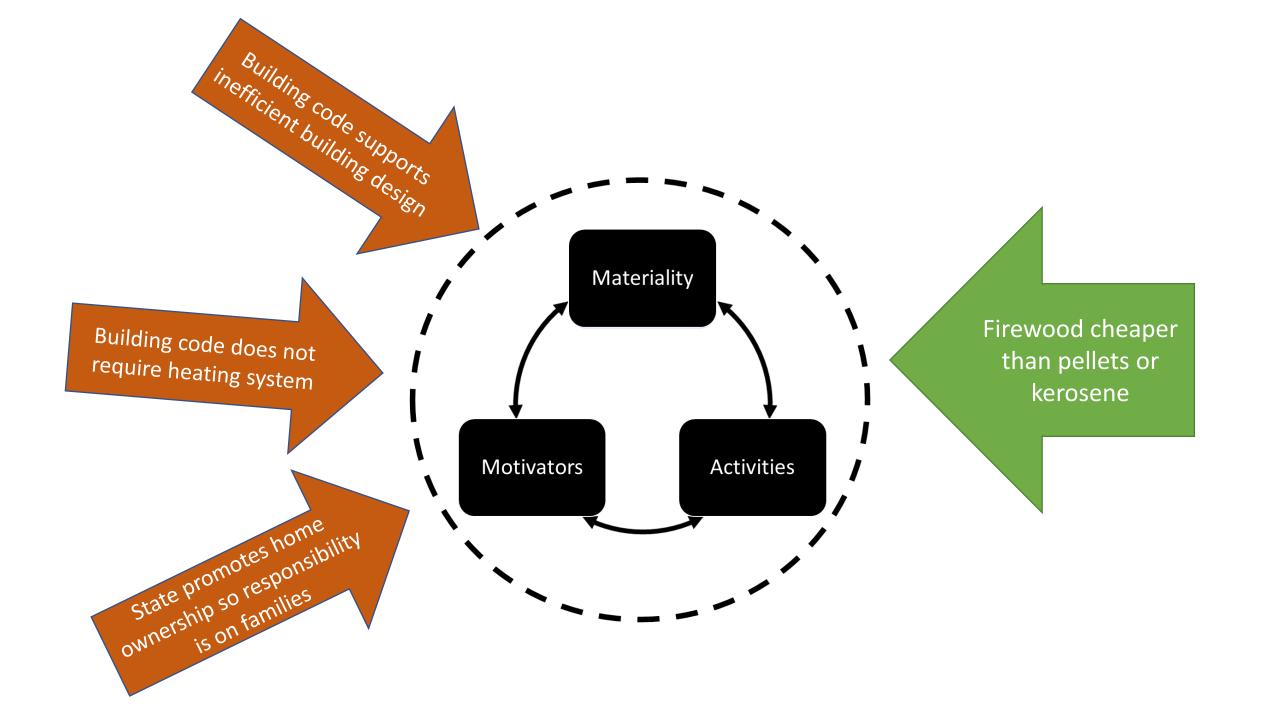
McKague, F., Lawson, R., Scott, M., & Wooliscroft, B. (2017). Understanding energy poverty through the energy cultures framework. In *Energy Poverty and Vulnerability* (pp. 33–45). Routledge.



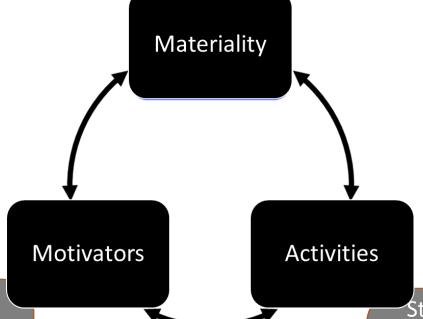
McKague, F., Lawson, R., Scott, M., & Wooliscroft, B. (2017). Understanding energy poverty through the energy cultures framework. In *Energy Poverty and Vulnerability* (pp. 33–45). Routledge.

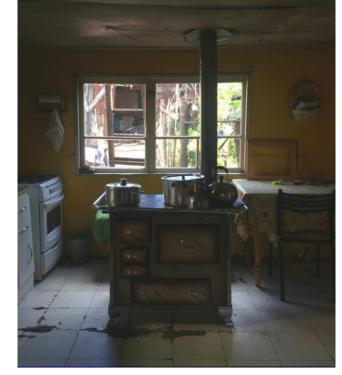


Cortés, A., & Amigo, C. (2022). Energy culture and the dynamics of energy poverty in south Chile: a blind spot for decontamination energy efficiency policies. *People, Place and Policy*, 1–25.



Solving multiple needs through traditional wood stoves



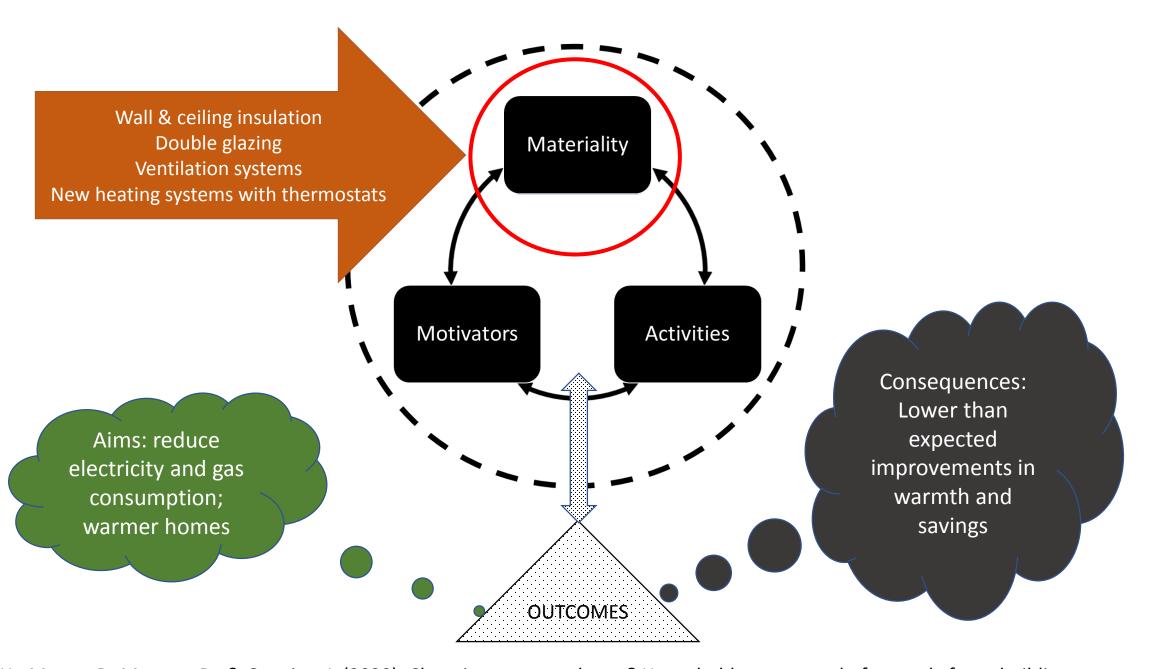


Traditional firewood cookstove in Coyhaique

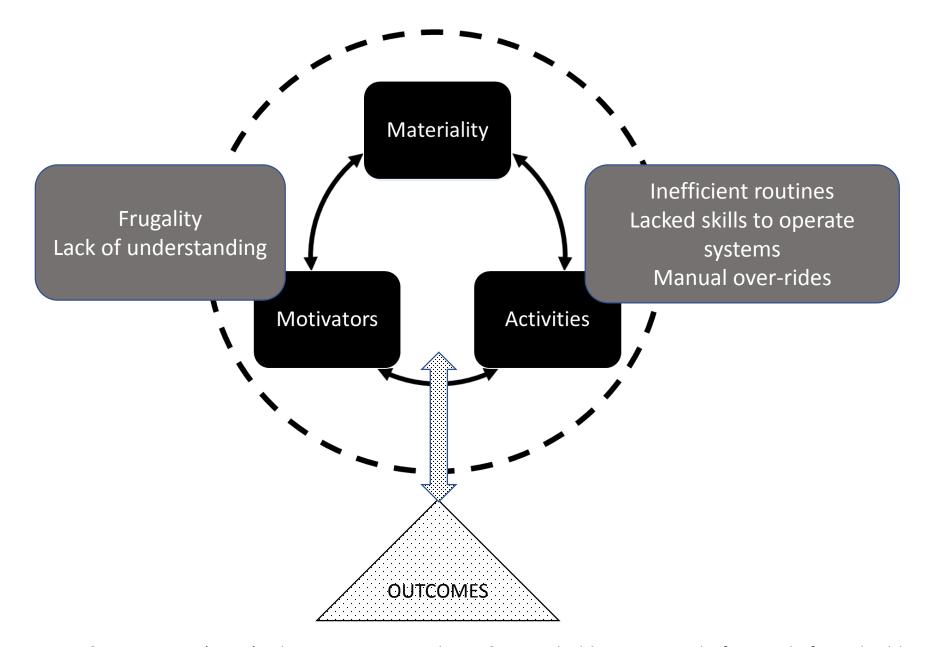
Stoves fulfil multiple energy needs – heating, baking bread, boiling water, drying clothes, drying the dwelling

Known technologies that can be fixed/maintained

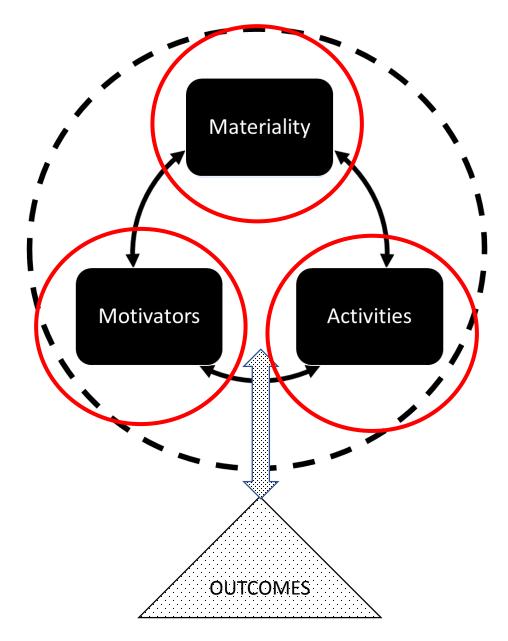
Part of tradition
Social attachments: family,
memories
Comfort and togetherness: 'calor
de hogar'



Rau, H., Moran, P., Manton, R., & Goggins, J. (2020). Changing energy cultures? Household energy use before and after a building energy efficiency retrofit. *Sustainable Cities and Society*, *54*, 101983.



Rau, H., Moran, P., Manton, R., & Goggins, J. (2020). Changing energy cultures? Household energy use before and after a building energy efficiency retrofit. *Sustainable Cities and Society*, *54*, 101983.



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Debnath, R., Bardhan, R., Darby, S., Mohaddes, K., Sunikka-Blank, M., Coelho, A. C. V., & Isa, A. (2021). Words against injustices: A deep narrative analysis of energy cultures in poverty of Abuja, Mumbai and Rio de Janeiro. *Energy Research & Social Science*, 72, 101892.

