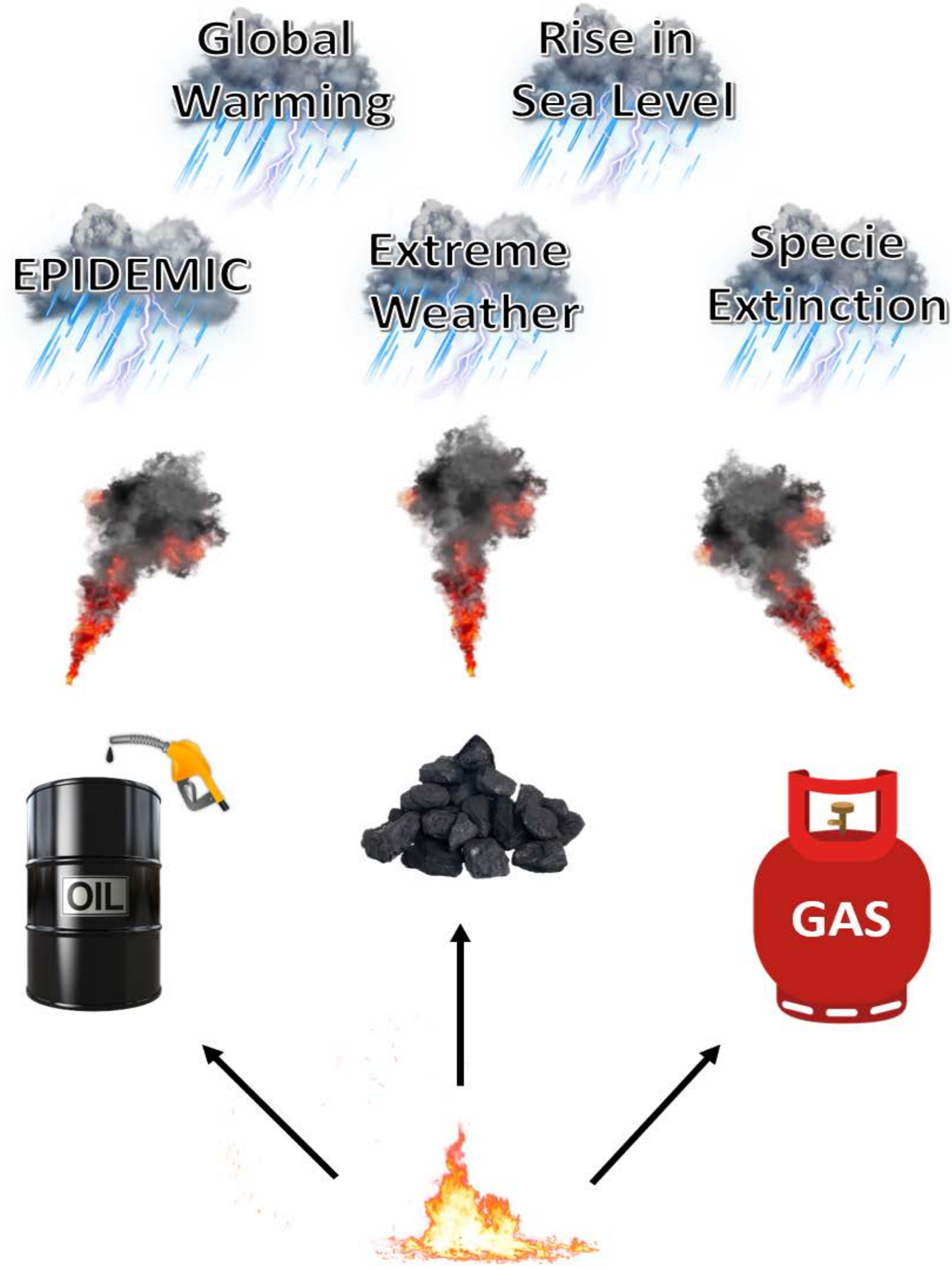


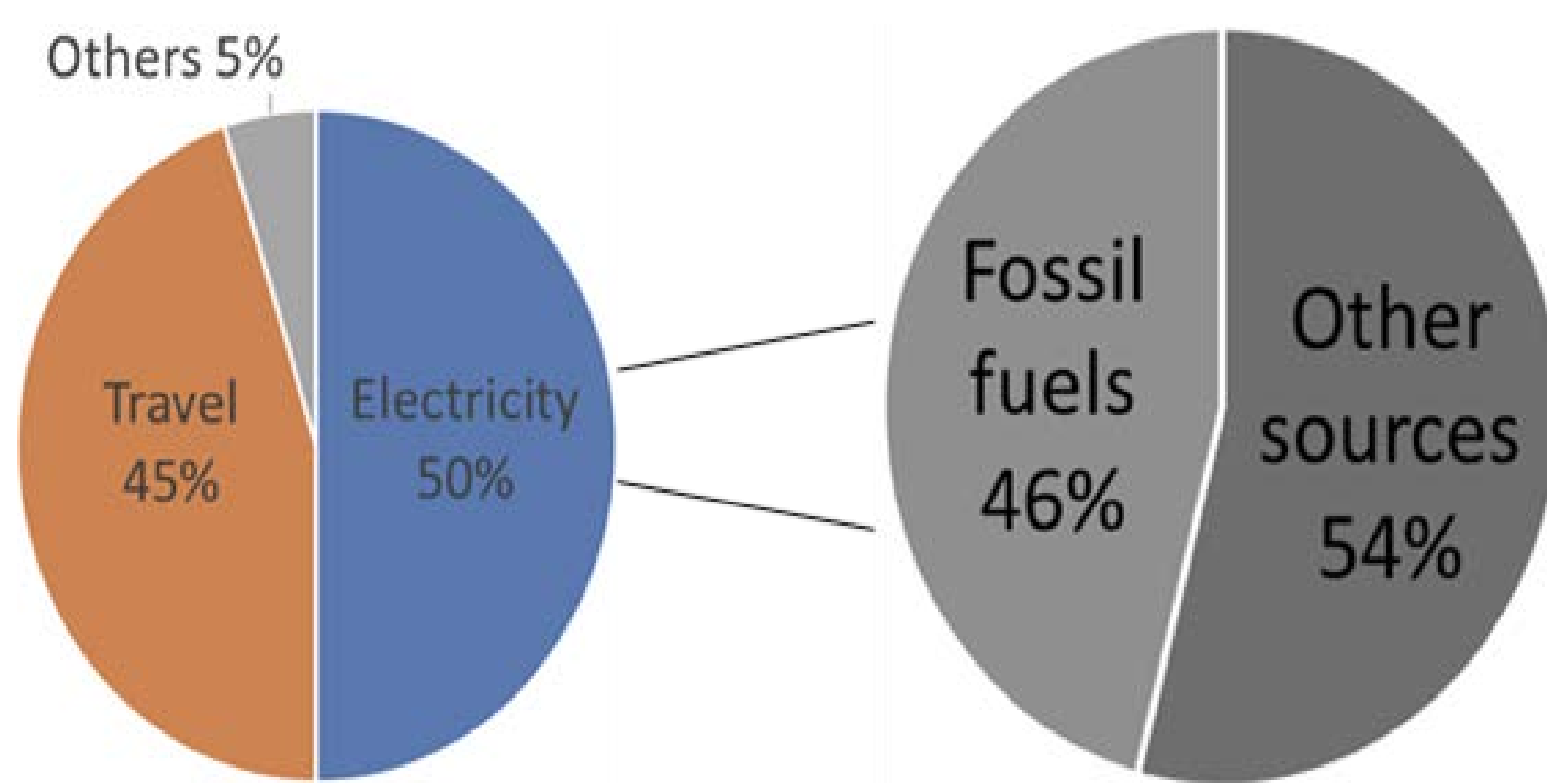
# Reliance on Fossil Fuels in the Scottish Public Sector

## The Effects of Burning Fossil Fuels



The consumption of fossil fuels from energy creation is the most significant contributor to human induced climate change, [1] however fossil fuels remain the most dominant of energy sources, whilst the use of renewable energy is growing at a slow rate, [2].

## CASE STUDY RESULTS:

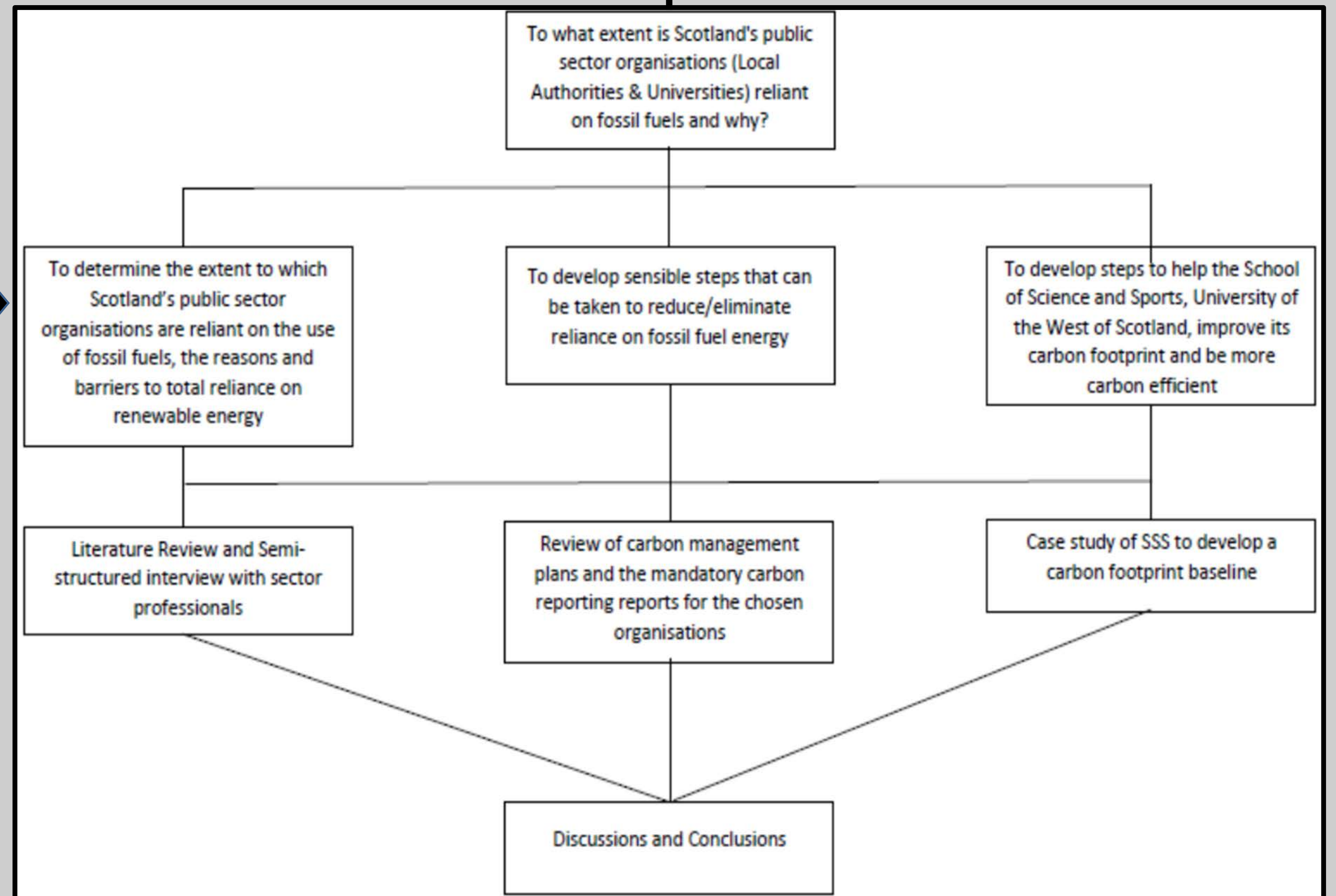


## CONCLUSION:

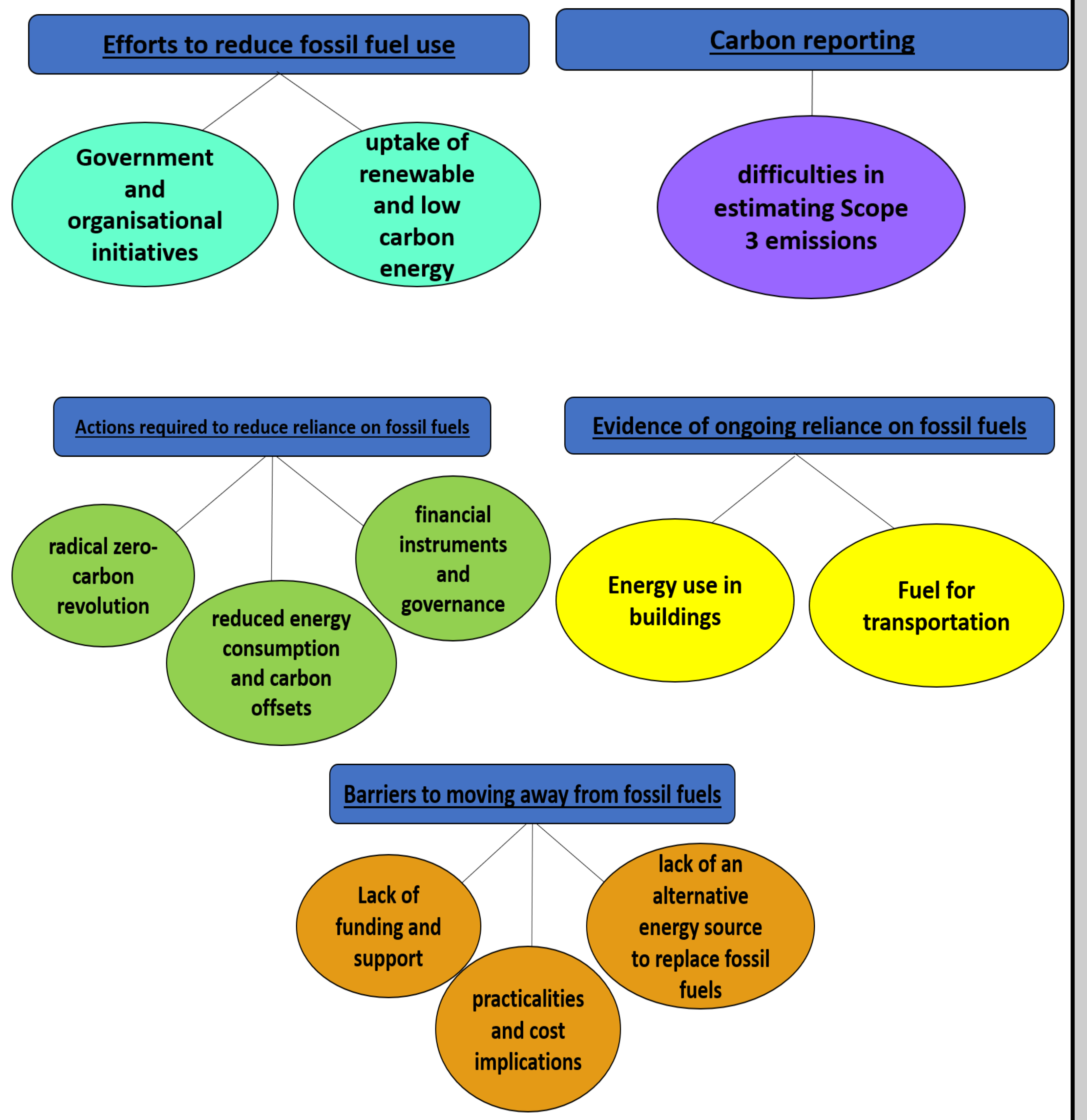
The case study revealed electricity and travel as the greatest emission contributors with over 45% of emissions attributed to fossil fuel sources [3], [4]. The interview responses revealed evidence of reliance on fossil fuels [5], [6]; efforts being made to reduce its use however; more action is required to overcome the barriers to moving away from fossil fuels and a need to improve carbon reporting [7]. Future work to be completed is the analysis of mandatory carbon reporting submissions of participating organisations. It is anticipated that the findings of this research will be beneficial in providing an understanding of the reliance on fossil fuel energy in the Scottish public sector.

## THE RESEARCH DESIGN:

The study investigates and presents findings from an exploratory study on the reliance on fossil fuels in Scotland's public sector, using information gathered from a literature review, case study, and thematic analysis of semi-structured interviews with sector professionals.



## INTERVIEW RESULTS:



## REFERENCES:

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- [7] Alvarez S., Blanquer M. and Rubio A. Carbon footprint using the Compound Method based on Financial Accounts. The case of the School of Forestry Engineering, Technical University of Madrid., 2014, 66: 224-232.