

BAS Carbon Emissions 2024/25

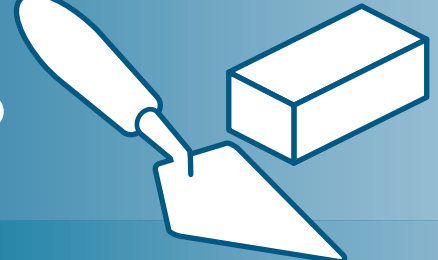


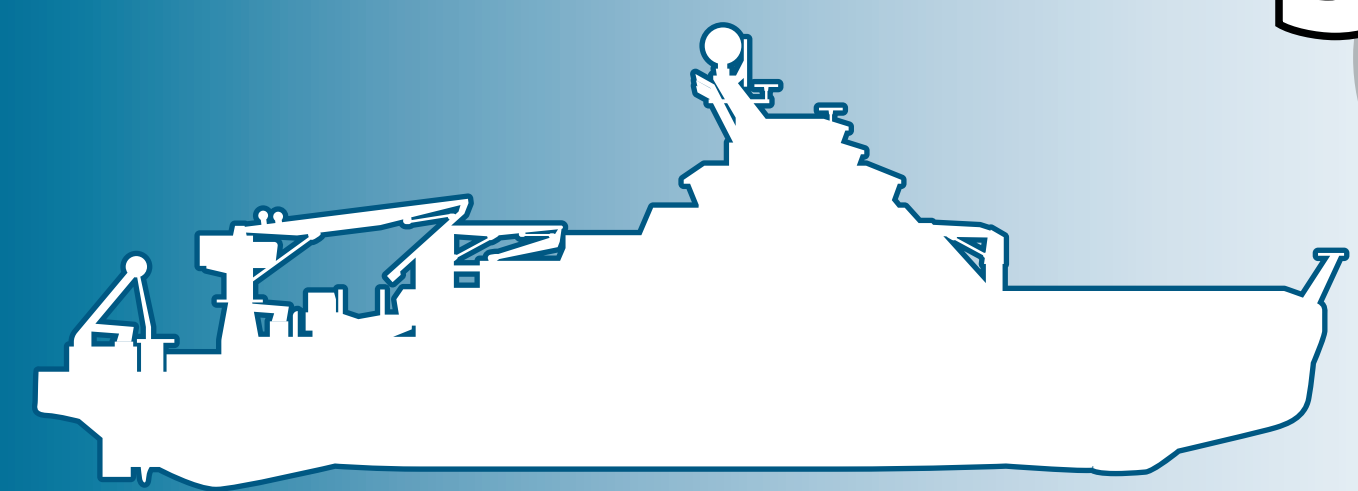
British Antarctic Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL

Largest direct emission sources

8%  Research Aircraft

10%  Construction



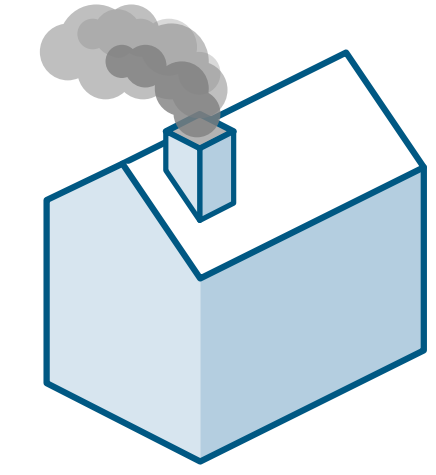
63% Fuel used in the RRS *Sir David Attenborough*



Indirect: 62%



Direct: 38%



Purchased Energy: 0.2% 

50,018 tCO₂e = 19,000 homes

Successes

13.2%

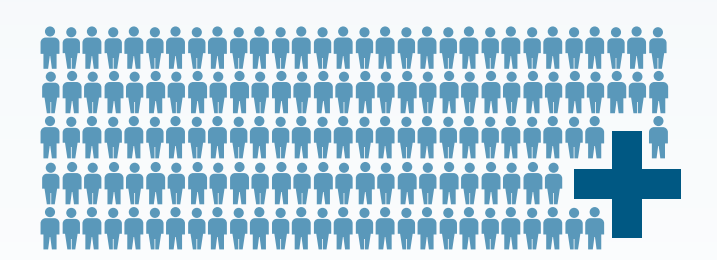
carbon reduction from baseline year 2017/2018



AI route planning software helps RRS *Sir David Attenborough* choose carbon efficient routes.

25,000

litres of fuel saved this year by efficient aircraft use in Antarctica



Over 200 BAS staff members received Carbon Literacy training and are certified

NET  ZERO