

Dr Ben Caldecott

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United Kingdom

14<sup>th</sup> November 2018

Nordea  
Mäster Samuelsgatan 21  
105 71 Stockholm, M515  
Sweden

Dear Karim,

**Subject: Peer review of calculations estimating the personal carbon footprint of an individual's financial assets.**

As requested, I have undertaken a review of the calculations used to produce the illustrative analysis published by Nordea on 27<sup>th</sup> June 2018 concerning the personal carbon footprint associated with an individual's financial assets.

In your methodology you calculate the carbon footprint of companies with significant fossil fuel exposure. You take the carbon footprint of each company and then allocate this proportionally to a personal carbon footprint based on assumed levels of ownership of the stock over time.

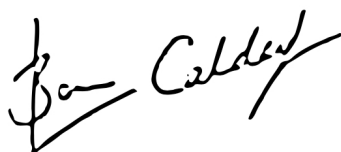
You make a variety of assumptions, including: 1) how to define a company with significant fossil fuel exposure, 2) how to calculate the carbon footprint of each company, 3) the amount of assets invested in an individual's investment portfolio initially, 4) levels of further investment, and 5) growth and returns associated with the portfolio.

I understand that the various assumptions made are intended to reflect someone saving into a personal pension fund in Sweden.

In my review I have only examined the calculations made in order to see if they are, to the best of my knowledge and expertise, accurate. I am satisfied that the calculations are correct based on the formulas and assumptions used.

In my review I have not assessed the validity of the methodology or any of the assumptions selected.

Yours sincerely,



Dr Ben Caldecott