

Title: Living happily on a carbon budget of 1 tonne CO₂-e per year

Reporters: Paul Kennett

Contacts: Paul Kennett, paul@Kennett.co.nz, PO Box 11310, Wgtn

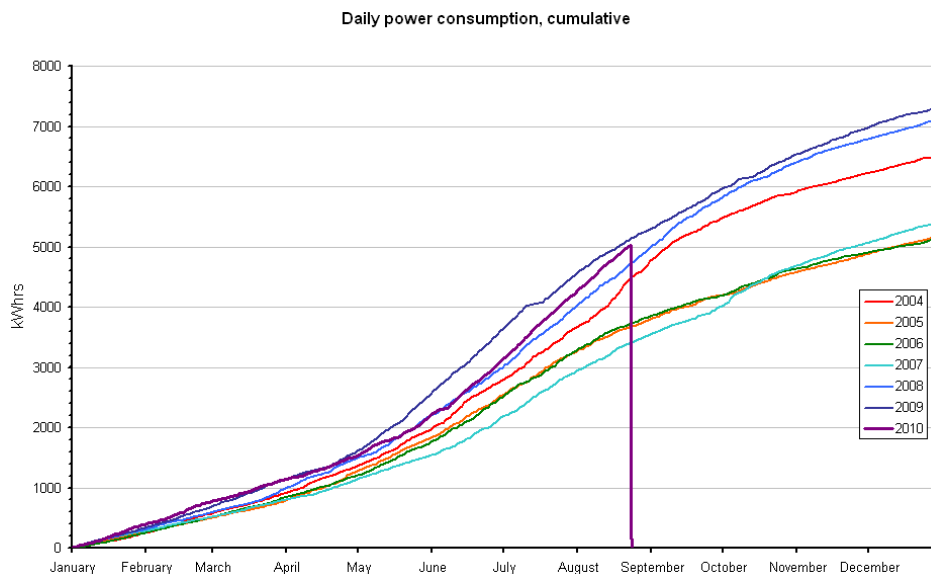
Overview: In 2004 Paul and his partner Michelle bought their first home and learnt about Peak Oil. Since then Paul has incrementally reduced his carbon footprint down to 1 tonne CO₂-e per annum.

His projects have included:

- car sharing – we don't own a car anymore
- downsizing – we earn half as much as we used to
- installed insulation in ceiling, under-floor and walls
- installed solar hot water and solar electricity
- experimented with different double glazing options
- worked on drafts, curtains and pelmets
- collect 4000 l of rainwater for garden use
- monitor daily electricity use and carbon emissions

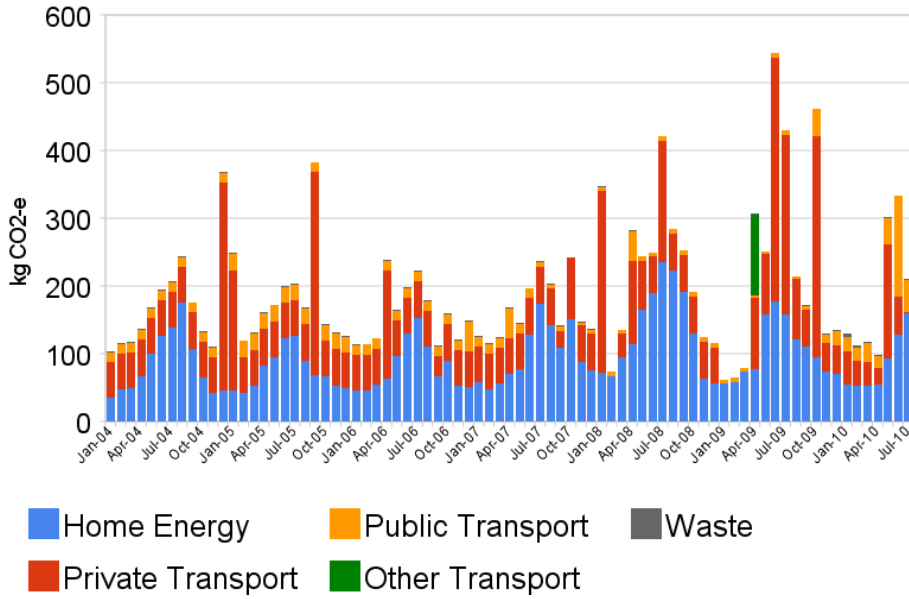
Of particular interest are;

- he insulated the exterior walls of his house for under \$400 with recycled polystyrene beads, a vacuum cleaner and several hair driers
- he's been monitoring his electricity usage every day since 14 Jan 2004
- he love's Excel's chart function:



Household cumulative daily electricity usage. (Our son was born in October 2007.)

Our household carbon emissions: monthly



Our household carbon emissions data is derived via the carbonZero.co.nz calculator.

Cumulative carbon emissions: per person

