

Calculate Your Use So You Can Reduce Your CO₂ Emission



The Sustainability Trust



Calculate CO₂ Emission for Gas Use (Mains & LPG) (Metric Gas Meter or <i>Delivery Note in litres</i>)			
1	Meter Reading for end of Period		
2	Meter Reading at start of Period		
3	Deduct 2 from 1		Units used in period
4	Multiply 3 (<i>or delivery in litres</i>) by 0.21		Kg of CO ₂
5	Divide 4 by 1000		Tonnes of CO ₂

**Rotarians for
Sustainability
and
Carbon
Reduction**

Calculate CO₂ Emission for Fuel Oil Use			
1	Consumption for Period		Litres
2	Multiply 1 by 11.9		Units used in period
3	Multiply 2 by 0.25		Kg of CO ₂
4	Divide 3 by 1000		Tonnes of CO ₂

Calculate CO₂ Emission for Electricity Use			
1	Meter Reading for end of Period		
2	Meter Reading at start of Period		
3	Deduct 2 from 1		Units used in period
4	Multiply 3 by 0.43		Kg of CO ₂
5	Divide 4 by 1000		Tonnes of CO ₂

Total CO₂ Emissions for your home in period = Tonnes
(Add the numbers **highlighted** above)

Rotarians are invited to calculate their energy use; and follow this by a simple environmental audit to help plan how to reduce their emissions. **This exercise is an essential first step on the Path to "The 20% Reduction"**. Unless we know where we are starting from, we cannot plan how best to reduce our impact on the environment or monitor how much difference our actions are making.

To view some simple tips to reduce your energy consumption go to the **Rotary Offset Trust website:** WWW.TheSustainabilityTrust.org The website also enables you to calculate your car and plane travel CO₂ emissions.

The Trust is now on Facebook at www.facebook.com/group.php?gid=99387429335