

Technical Discussion Paper 5

Global Respect Numbers - A significant contribution

Introduction

This document assumes the reader is familiar with prior Technical Discussion papers on the Global Respect Number subject and is sufficiently concerned with global warming issues as to be interested in reading more. These papers can be found at <https://www.weld-monitor.com/weldappnotes.html>.

This paper aims to be blunt, candid and to the point. Time is short and most people appreciate brevity, candour and above all, simple explanations.

Who is to currently blame for excess GHG emissions ?

Ans : No one.

Why ? : Because currently there is no cogent **Global International Measurement System** or **Standard** that properly quantifies the impact of a product or process on the environment in terms of GHG environmental damage.

Solution : The GRN method offers such solution. Moreover, as a **Standard**, it provides the ability to create a **Global Currency** based upon GRN tangible real world, physical measured assets. As both a Standard and a Currency, the GRN method also naturally creates an informative **Labelling System**.

For example, a Tree. (Negative GRN) or a plastic bottle of water (Positive GRN).

Progression : Given a GRN based Global International Measurement System, a Standard and a Currency, all that is then needed is an **International Monetary Fund** by which to allow people, businesses and Governments to trade in and out of.

If a country is rich in forests, it naturally has a lot of negative GRN value as an asset. This can be accounted for and added to the international fund by way of an offset for other countries that are producing positive GRNs, such as plastic water bottles. It is after all, a Global problem, not just a National one.

Almost all businesses have Bill of Material (BOM) costing software that works from component level upward to roll up and detail assemblies and to compute a so called "Cost". Exactly the same systems can be used for GRN computations. In other words, if a business can compute it's costs, it CAN compute it's GRN costs.

In a nutshell, that's just about it.. And is something that could be agreed and implemented by the time COP27 happens this year in Egypt. **So WHO or what is stopping Mankind from saving the planet ?**



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Gaining traction at speed

I do some work as a Caretaker at a local Children's Nursery Charity and it occurred to me that as well as taking responsibility for looking after and teaching young children, such a Charity might also play it's part in asking all of it's suppliers and customers to help the drive for Net Zero globally.

To achieve the legal obligation for Net Zero in the UK by 2050, immediate and profound action is needed right now. To be designing and building things like houses and cars that will not meet that target now, is nothing more than Law breaking.

That said, you cannot apply a Law, if you do not have a proper measurement system. All three facets of a GRN (CO₂e content x Lifetime x Recycle Factor) are all terms presently in use. Using a quasi peak period of say one year, would provide a basis for realistic limit settings by which to apply the Law.

Frankly, if a bunch of intelligent Global leaders cannot agree this makes sense and then do something about it ASAP, then clearly I am wasting my time writing these papers !

A fun fund raising example

I mentioned the local pre-school charity and by way of a globally scaleable example, I suggested the following inverted pyramid scheme by which to raise funds to buy Apple trees, while also finding out, WHO might agree that GRNs make sense.. it went like this.

Global Warming Awareness for Children

Dear Fellow Humans,

The Charity would like to crowd source and fund raise enough money to purchase an Apple Tree for the garden. They Charity are not sure how much an Apple Tree costs, but would appreciate your time and feedback to consider some suggestions and to make a donation toward the cause, should you find the reading material of interest.

It is possible that this material could underpin a new Global Measurement Standard, a Global Labelling System and a Global Currency.

Here's how it works:

- 1. Take a copy of the Engineers Guide about the GRN Measurement System.*
- 2. Feel free to make your own copy and inform other people about it by whatever means you have.*
- 3. If you like it enough to make a donation toward an Apple Tree, then please use the honesty box nearby to make a donation for whatever you feel is appropriate.*
- 4. If you can prove the GLOBAL RESPECT PRINCIPLE to be inaccurate or not viable, then please feel free to provide written feedback and take as much money from the honesty box as you feel is appropriate to cover your time and costs in writing your considered feedback.*

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The need for Global collaboration

As I said, it's not been the fault of anyone in producing things for profit at the expense of the planet through GHG emissions. The lack of genuine awareness has been limited, as has a viable solution for Industries and Governments the world over.

Naturally Countries and their Governments tend to want to favour their own people, hence environmental enforcement has been limited by the need for International trade. Vanity tables are created to show league tables for various Countries GDP, as if to boast, look how Industrious and busy we have been.

One wonders if the natives of diminishing tropical paradise islands look in envy - I think not.

I don't know if any other Countries have actually passed a NET ZERO LAW, but at least the UK had the leadership to actually do it.

The UK politicians at the time may not have worked out how to achieve it, but there is no denying there is a Law in the UK and therefore UK citizens have the right to expect compliance with that Law and enforcement by the Authorities.

It is both impossible and ludicrous to think the UK could achieve and implement it's NET ZERO Law without the Global cooperation of every single trading partner on the planet.

The question is, does anyone on the planet think the UK NET ZERO Law is a bad idea and that breaking it, is a good idea ?

The great thing about a Law is that it can be applied from the time it was enshrined and enforcement can be back dated.

In other words, ignorance of the Law is not an excuse. Every single business Director, Leader or Politician on the planet should consider their Legal and Moral responsibilities, not only to their share holders, but to those that are affected by their actions.

Every single person on the planet can contribute by considering whether or not their actions are helping or hindering future generations, not only in their own country, but for those in any part of the globe.

The GRN proposal is just one of many potential contributing solutions toward restoring a harmonious balance between Mankind and the planet on which we ALL live.

Please let's ALL just stop designing, making and talking rubbish, do the maths and design for LIFE

Mark Aherne - 27th September 2022