

How to actually achieve the commitments made by Leaders of the G20 Countries in the International Agreement signed by them recently?

The recent meeting of the Leaders of the G20 Countries in Paris, France resulted in the International Agreement signed by them to lower CO₂ and other GHG (Green House Gas) emissions into the atmosphere, by setting up “emissions reduction quotas” for each country to meet in the near future.

These emissions are blamed to be one of the main causes for the current global warming and climate change, endangering our environment, and what remains of Mother Nature.

The “environmental impact” of human activities denoted by $I = P \times A$, where

P = human population size

A = average impact per human.

Currently, to reduce this quantity I , we are putting all our efforts into reducing A , by making our automobiles, other transport vehicles and airplanes, power plants etc. more efficient, ignoring P altogether. But as P keeps growing, the product ($P \times A$) keeps growing no matter what A is. So, even if we make our road vehicles, jet planes, power plants super efficient; the total GHG emissions will still continue to increase because the savings resulting from higher efficiency are more than offset by increased demand from growing human population. So in order to implement the agreements reached by the G20 leaders it is essential that we consider stabilizing World Human Population level at least now. In fact such agreements are being signed by generations of World Leaders for a long time, but all this time the Total World GHG gas emissions has been going up consistently.

The birthrate in the US is reported to be low, but due to illegal immigration from the South of our border, our population has been growing. These illegal immigrants from all over South America come through our border with Mexico. South America’s population is growing rapidly. As job opportunities are low there, these people are desperate and try to sneak into our country to make a living.

Our Southern border is long, and even with a strong fence separating our country from Mexico, these illegal immigrants somehow manage to sneak in, in large numbers now-a-days. Given human ingenuity, it is very hard to prevent these desperate people from crossing the barrier.

The only way to solve this illegal immigration problem, is to help those South American countries to stabilize their population levels.

We also recently witnessed helpless Europe being inundated with huge hordes of illegal immigrants from the Middle East, which they could not stop.

From events like this it is clear that earth is over-populated with humans, and that the population problem is not a “local problem” but a “world-wide problem”. The World’s population is already over 7.3 billion and projected to reach 10 billion by 2050. Already several countries (including US, India, most countries in the Middle East, etc.) are depending on expensive desalination plants to make potable water from sea water, releasing lots of GHG (green house gases) into the air, making it difficult for us to keep promises made to maintain these GHG releases within the limits set in international agreements. So, you can see that there are already strong indications that we should stabilize the world’s human population level at least now.

Unfortunately from these facts it is clear the existing “Carbon limits” are really not enough, what we really need are also “population limits” for the various countries in the World, and ways that governments can implement them.

Considering these facts seriously, the G20 Leaders should seriously also consider stabilizing world human population by setting up population caps for the various countries in the world as quickly as possible.

Thank you Very much.

Sincerely,

Katta G. Murty, Emeritus Professor

Department of Industrial and Operations Engineering,

University of Michigan, Ann Arbor, MI-48109-2117, USA.

16 March 2016

murty@umich.edu

<http://www-personal.umich.edu/~murty/>