



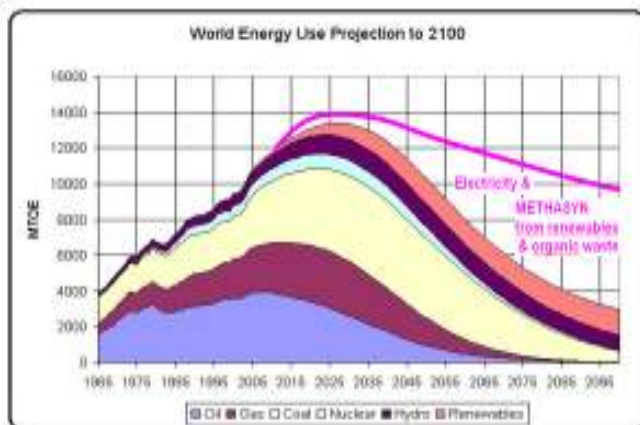
The Solution to replace polluting Fossil Fuels before their Depletion Progress towards a Global Currency to prevent fatal Currency Wars

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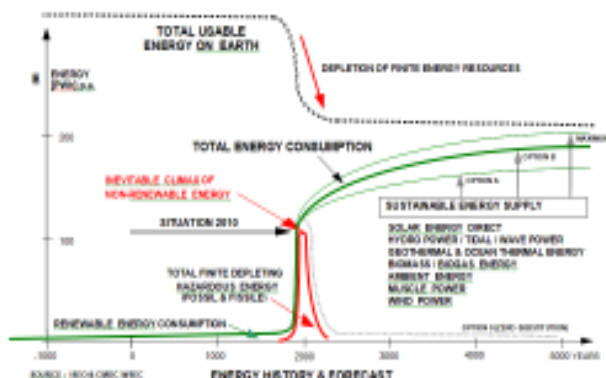
Roadmap to our Independence on Fossil Fuels ► [METHASYN production from organic waste](#)
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The Urgency of Fossil Fuels Substitution

As illustrated below all mineral fuels will be depleted at affordable cost in our 21st century, because of their increased use since the industrial and mobility evolution and the world population explosion. With over 10 % used in the petrochemical sector, this indispensable feedstock for most chemical products will also become unavailable.

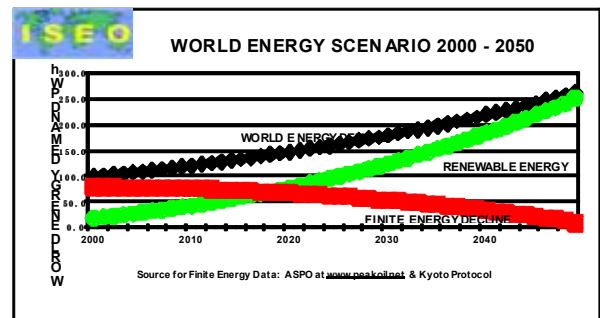


The next histogram shows this inevitable dilemma on a different time scale with the renewable energy solutions on the right hand side.



The third diagram shows the effect of this scenario on the needed renewable energy to maintain our standard of living and allow for further development of LDC nations and for population growth.

Since over 80 % of the present energy consumption is covered by the finite mineral resources coal, petroleum, natural gas and uranium while renewable



energy sources producing electricity, bio fuels and heat contribute still only about 20 % of our energy needs, including the very small and declining nuclear power share, a sustainable substitute for all mineral energy resources is imperative – not only because of the fatal effects of their emissions on global warming and health. It is a question of our prosperous survival on Earth !

Options:

Bio fuels like ethanol, bio Diesel or biogas from energy crops are very bad choices as long as millions of hungry people live in misery on Earth with a still growing human population.

The hitherto grossly misjudged and squandered energy resource is the huge mass of organic waste piled up in polluting landfills and inefficiently burnt in costly waste incineration plants or inefficiently gasified. The 1 to 2 kg of organic waste per capita per day or over 3 billion metric Tons p.a. is able to substitute most fossil fuels forever, if converted into the universal fuel and synthetic feedstock METHASYN, by advanced methanol processing plants – the 4th waste management generation.

CO₂ from fossil fuel fired thermal power plants as flue gas, or extracted from the air, can also be converted into METHASYN with the addition of hydrogen – another huge sustainable fuel resource - instead of sequestering the CO₂ into the ground at huge investment cost at no commercial gain and the risk that it will escape over time again back into the atmosphere.

Webportal www.methasyn.com gives information about the merits and attributes of METHASYN.

Global Fossil Fuel Independence

As elaborated in the previous article about the necessity to become independent of fossil fuels thanks to organic waste with the METHASYN strategy, humanity has now the chance to become independent of fossil fuels with their disastrous impacts on climate and health, making oil and gas exploration in pristine areas and disastrous fracking operations superfluous.

Petroleum was also the reason for many wars since Hitler attacked petroleum producing nations, all the way to the Iraq war, costing the life of millions of victims and billions of arms expenses. Petroleum causes currency fluctuations and dreadful poverty in developing countries who have to spend too much of their GDP on oil imports, penalizing clean water, infrastructures, health, sanitation and education.

To reach the goal of petroleum independence, waste dumping and waste incineration must be prohibited by national and international legislation to enable the organic waste-to-methanol conversion, in order to replace fossil fuels forever !

The Global Currency System €

After several attempts to create a global currency system after the economic crisis in 2008 at the G20 and G8 summits by Russia, China, Venezuela and by an expert group of the United Nations and again at the NEXT GEN conference in Florida in 2011 this necessity was discussed again by CMDC. This hot subject was reviewed at the Global Sustainable Currency Summit at the **EURO-ASIA ECONOMIC FORUM** in September 2013 in Xi'an, China, with participants from governments, the World Bank, UNCTAD and NGOs like GLOBETHICS, CMDC-ISEO and SEEDS.

The **Global Money Charter for Sustainable Development** that was first presented in 2012 at the Rio+20 Summit is proposed as guideline for the Global Currency System € to be implemented and monitored by an international board of trustees under the auspices of the United Nations.

Since the abandonment of the national gold reserve obligation for the US Dollar by US President Nixon the question arises whether a reserve system based on gold, petroleum or sovereign funds is still adequate to guarantee a global € currency. A basket based on the real sustainable GDP values appears to be more secure, since gold or petroleum – as suggested by the late president of Venezuela - are highly speculative finite resources.

In any event a stable currency system is a necessity to allow world-wide trade and family savings on an equitable even level playing field independent of speculation, national currency manipulations or – worse of all – costly petroleum wars.

Overdue Global Arms Prohibition

More and more terrorist attacks killing innocent civilians and amok manslaughters of school children by mad school boys necessitate a total arms prohibition. Arms can only be allowed in the hands of the United Nations security troops and police to prevent criminals from asocial acts.

The Right Health Care for all Nations

The health care dilemma of the United States crippling the whole nation and many other health insurance systems with their too high premiums for low income families can be solved in a very simple natural way:

- **Avoid smoking**
- **Avoid excessive drinking**
- **Avoid unnecessary drugs**
- **Avoid unhealthy fast food**
- **Exercise your body to avoid obesity**

"Obamacare" and other national health schemes should sponsor health education programs for all age groups to cut illness expenses and insurance premiums at least by half.

First International Conference



took place in Slovenia from September 17th to 19th and was chaired by distinguished CMDC Council Member **Dr. Darja Piciga**. The main organizers were Biotechnical Centre Naklo, Slovenia, and the Center for Integral Development Trans4m in Geneva, assisted by 26 co-organizers and supporters, including CMDC

Conference highlights:

- **First International** (and also World) Conference on Integral Economy.
- Slovenia trying to find a way to become **the first model** of Integral Economy on a national level – as alternative economic model instead of merely adopting austerity policies.
- Prominent speakers: **Prof. Ronnie Lessem** and **Prof. Alexander Schieffer** from Trans4m, authors of Integral Economics and practitioners of two globally recognized Integral Economy models; **Prof. Ibrahim Abouleish**, founder of SEKEM, Egypt; **Dr. Vinya Ariyaratne**, co-founder of Sarvodaya, Sri Lanka; video interview with the representative of a new sustainable bank **Jayne Anne Ghadia**, CEO of Virgin Money. Speakers from Slovenia.
- Presentation of tens of emerging **Slovenian good practices** of Integral Green Economy, co-creating them.

More on <http://www.bc-naklo.si/index.php?id=2525>