

Dear Taoiseach,

Thank you for the opportunity to submit my suggestions to the Bio Economy of Ireland discussion document.

In no particular order, I make the following suggestions that Ireland should actively pursue. As follows;

- Micro Co-Operative Anaerobic Digesters to treat Farm Slurry (minimum of 3 geographically neighboring farms/unit)
- Promote Organic Agriculture - ban artificial fertilisers (bad for economy, bad for environment)
- Amend Planning guidelines to include Solar Panels on all new builds
- Initiatives for domestic/private homes to supply National Grid or to go off grid through the use of renewable energy - every south facing roof should have solar panels
- Encouragement of electric cars and electric/hydrogen cars through only permitting electric vehicles drive in City Centres (including Public Transport – buses & taxis)
- Production of Hydrogen from renewable sources
- Sewage (solids) to Biomass to fuel - via industrial scale horticulture/Biomass crops (BnM)

For further Research I would include;

- Off shore underwater turbines to harness the power of the gulf stream
- Underwater/above sea bed tunnel linking Irish landmass to UK landmass
- Production of Hydrogen from renewable sources – wind, solar or other

I would be happy to elaborate on any of the above, if required.

Best of luck with the initiative!

Kind regards,

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