

Gozo – Understanding the Nuclear Option

I Changed My Opinion On Nuclear Power. I Have The Science To Change Yours's Too.

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Coming To Grips With A Controversy

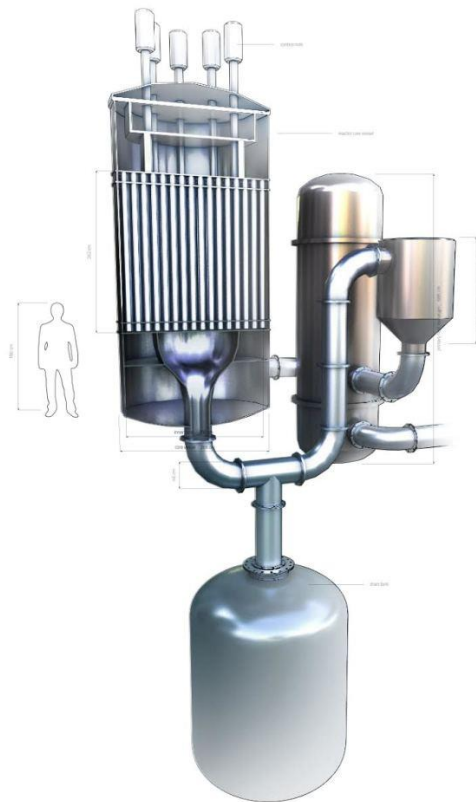
If We Need To Tackle Climate Change, We Need To Change Our Attitude On Nuclear Power.

A Foreign, Complex Technology Is Not Necessarily An Indication of A Hostile One.



The Small Modular Reactor

Turning The Expensive Industry Of Nuclear Power, Into A More Affordable Commodity By Virtue Of Any Economy Of Scale - Making A Non-Intermittent, Safe And Scalable Source Of Clean Energy Widely Available.



Energy Density



Photovoltaics

Modular
Nuclear Power



Offshore Wind



Gozo To Scale

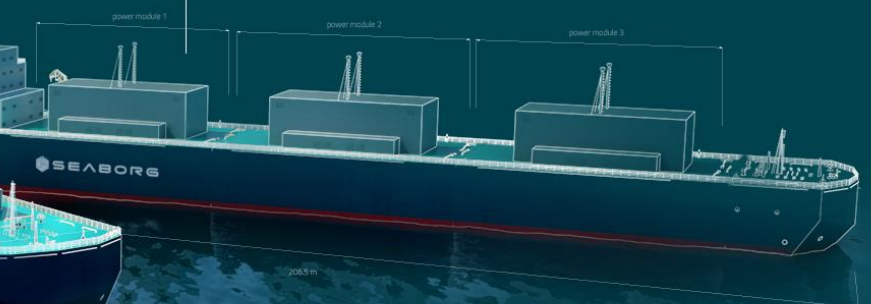
200 MWe power barge



400 MWe power barge



600 MWe power barge



An Opportunity Not Worth Missing Out On

The Specifications

Can make use of already existing infrastructure used by the Delimara LNG tanker.

12 year fuel cycle, after which the **supplier takes the responsibility of storing the spent fuel.**

World - Class **active and passive safety features.** Any loss of molten salt immediately solidifies and self-contains.

Scalable - 200 MW, 400 MW, 600 MW models available; the latter more than sufficient to power the entirety of Malta.

Water desalination facilities made available.

What Is In Store For Gozo?

Potential for **free energy billing**, enabling enterprises to grow despite rising LNG costs throughout the rest of Europe. Conservative projections are indicating a cost of <1Euro/Watt.

Potential for **energy exportation** as a major economic sector through interconnection with Sicily.

Gozo becoming, the **demonstrator, role-model island** for a genuinely **100% carbon-free energy** supply.

Becoming the Global Nuclear Leader

Giving Gozo A Head Start In An Increasingly Crucial Engineering And Technological Advancement. Enabling, Research To Develop SMRs And Making Gozo The Ideal Demonstrator Of The Technology.



Potential Investors and Funding



Investing in the Best Technology

It Is Quite Frankly Irrelevant To Argue That Renewables Are Getting Cheaper When They Get Billions In Subsidies And Nuclear Power Being Left Aside.



A Case Study In Costs

The Renewable Roadmap (Mark Z. Jacobson)

Would Require 500,000 5 MW Wind Turbines.

18 Billion Square Meters of PV Panels.

>50,000 Wind and Solar Farms.

75 Million Residential Rooftop Systems.

~3 Million Commercial Rooftop Systems.

A Daily Replacement of 1.23 Million Square Meters of PV Panels - Forever.

Projected Cost: **15.2 Trillion USD***

*Without Factoring the Land Requirement Costs and Recycling Infrastructure for Decommissioned Turbines and PV Panels.

The Nuclear Roadmap (Mike Conley And Tim Maloney)

Utilize Existing Renewables and Pumped Hydro Storage.

Installation of 1.515 GW of Factory Built Molten Salt Reactors.

Projected Cost: **3 Trillion USD**

+ Money Left to Actually Run the Country.

The Difficulty – Changing the Mindset

We Cannot Confuse Danger With Risk. Risk Will Always Be Present And Can Be Quantified, But Danger – That Is A Consequence Of Carelessness.



Nothing Is Free. Our Planet Is Not Free.

