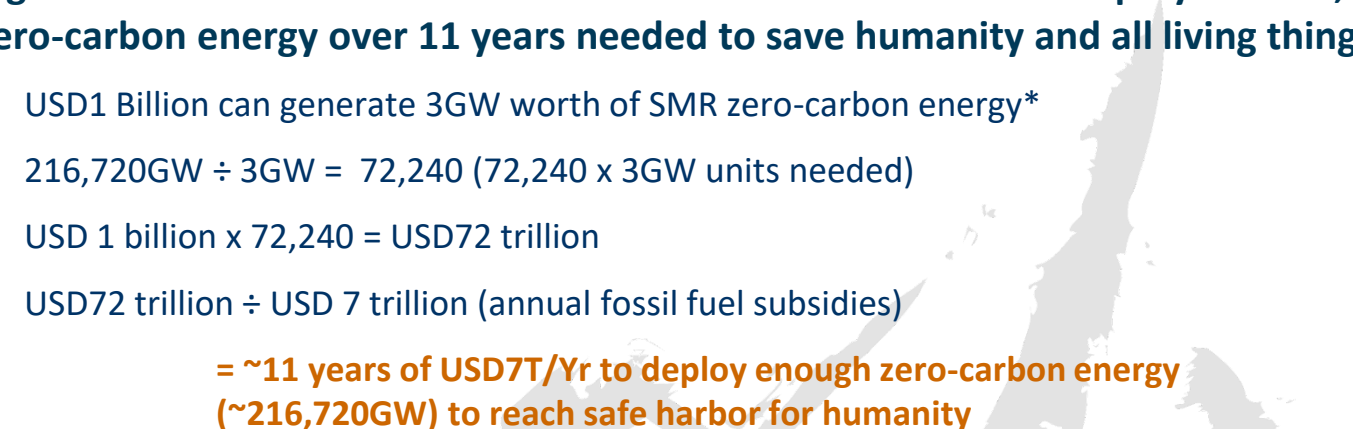


World Governments Subsidize USD7 Trillion/Yr to the Fossil Fuel Industry which Causes the Climate Catastrophe (the Extermination of Everybody and Everything)

- **USD7 Trillion/yr (2022)¹**
 - **USD13M/minute**
 - **USD799M/hour**
 - **USD19.2B/day**
 - **7% of global GDP**
 - **Double what the world spends on education**
 - **G20 nations, which cause 80% of global carbon emissions, pledged to phase out “inefficient” fossil fuel subsidies in 2009.**
 - **G20 poured a record USD1.4 trillion into fossil fuel subsidies in 2022**
 - **Ending fossil fuel subsidies would cut emissions by 34% by 2030 according to the IMF**

1. This article from 2022: Fossil fuels being subsidized at rate of USD 7 Trillion/Yr (USD13m a minute), says IMF
<https://www.theguardian.com/environment/2023/aug/24/fossil-fuel-subsidies-imf-report-climate-crisis-oil-gas-coal>

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- **In order to save Humanity, 216,720GW** of zero-carbon energy must be deployed (See Attachment Z)
 - Governments and the finance industry (banks, investors, insurers) must subsidize and finance the massive deployment of all types of zero-carbon energy (renewables and nuclear) instead of fossil fuels
 - Governments and the finance industry must allocate subsidies and capital towards solutions that Reduce and Remove GHG/Heat and the 4Rs
 - Using SMRs to illustrate how these subsidies can be allocated to deploy the 216,720GW of zero-carbon energy over 11 years needed to save humanity and all living things:
 - USD1 Billion can generate 3GW worth of SMR zero-carbon energy*
 - $216,720\text{GW} \div 3\text{GW} = 72,240$ (72,240 x 3GW units needed)
 - USD 1 billion x 72,240 = USD72 trillion
 - USD72 trillion ÷ USD 7 trillion (annual fossil fuel subsidies)

= ~11 years of USD7T/Yr to deploy enough zero-carbon energy (~216,720GW) to reach safe harbor for humanity
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* Assume USD1 Billion can buy 3 SMR units that produce 1GW each (3GW total)