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Process Technology Process Development

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The twelve points for the United States' National Civil Action to resolve the climate crisis with the available zero-carbon-emission fossil technologies now

EVISA Engineering LLC calls out to formation of United States' National Civil Action in a civil move to resolve the climate change and global warming with the available zero-carbon-emission fossil technologies, because all other venues to receive attention of the United States' Department of Energy, Department of Commerce, Department of Interior, Environment Protection Agency, the United States' Congress, and the White House had failed utterly.

As the global warming crises rises continuously with no mere signs of government's willingness to resolve the crises with the already available profitable commercial-ready and the viable near-commercial-ready feasible technologies of the fossil Clean Energy associated with the advanced zero-carbon-emission fossil energy that harnesses the re-use of abundant carbon dioxide as a new fossil energy resource, we now came to the necessary need, to build the National Civil Action for commercialization of these economic profitable technologies under the three purviews, with the following ten objectives:

- I. The United States' National Civil Action's criteria has been compiled specifically to <u>rebuild all</u> the existing CO₂-emitting fossil energy plants within 15 years, i.e. 2035 and to resolve the crisis, whereas the turning point of CO₂ emission <u>reduction to the half within 10 years, v.i.</u>
- II. The economic objectives of the United States' National Civil Action's criteria has been compiled specifically to achieve trillions of U.S. Dollar in gross revenue without any subsidies, tax reduction within a fifteen years window that is grounded on the capability of these net zero-CO₂-emission technologies for retrofitting of all existing CO₂-emitting fossil energy plants
- III. The United States' National Civil Action combats at every level to diminish the massive adverse influence of the; (i) formidable <u>oil and gas exporting countries</u> like Russia, Saudi Arabia, UAE and other OPEC countries in the United States; (ii) to encounter the subversive <u>attacks of the U.S. oil and gas entities</u> as well as; (iii) the <u>U.S. nuclear power generation</u> <u>sector</u> that halted the advancement of Clean Energy, environmentally benign Clean Coal, net-zero-CO₂ processes, the re-use of CO₂ and most importantly the rise of super-efficient hydrogen based fossil power plants.

By virtue of the modus operandi of the United States' administrations, specifically the U.S. Department of Energy, EPA and great number of Representatives, who are in actuality disinterested to resolve the global warming and dismissive to promote the zero-carbon-emission fossil technologies, we regard as the civil duty of the entire nation to commence the solution for threatening global warming in very similar way as the fossil energy could resolve the Acid Rain crisis in the Eighties.

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The United States' National Civil Action pivots number of the technology and engineering entities involved in the fossil Clean Energy, syngas and hydrogen generation, solar energy, fuel cell technology, and those profiting from the Clean Energy and Green New Deal, either directly or indirectly, like power generation companies, the zero-carbon-emission Clean Coal companies involved with the coal as the primary fossil energy resource, the electric vehicles manufacturers, and other auspicious manufacturing.

The United States' National Civil Action joins in particular vendors, plant construction entities, engineering and service suppliers, universities and university professors, Nobel Prize laureates, scientists involved in the Clean Energy for re-use of carbon dioxide as a new fossil energy resource, social and political activists, politicians and every concerned individual citizen, philanthropic organizations, private investors, entities or individual Direct Investors, public investors, as well as venues for public fund raising.

The United States' National Civil Action pursues the following twelve key criteria and objectives, upon which the solution to the global warming to be accomplished in the near term future:

- 1. Commercialization of commercial-ready and/or the feasible near-commercial-ready fossil energy technologies, which are capable to encompass 20% to 75% of global carbon dioxide emission (the latter 75% percentage references to the DOE terminology for Stationary Source of carbon dioxide emission) with the proviso for economic profit in terms of earned revenue without subsidies or tax reduction
- 2. The technology or technologies subject to United States' National Civil Action are to be primarily capable to be implemented, adopted or integrated in the present-day mid- and large scale fossil energy plants currently in operation. Hence, securing the current power generation and the manufacturing of chemicals can be rebuild via retrofitting projects, while simultaneously fostering the economic competitiveness i.e. specifically: no adverse impact to the current operational plants and no increase in power generation costs, as well as no increase in chemical manufacturing costs, rather than lowering the costs
- 3. The above criteria (2) for these technologies are to fulfill lowering the costs in new plants
- 4. Proven process(es) tested in pilot plants and/or with solid auspicious capability to resolve the Global Warming crisis till maximum 2035 with the target level of CO₂ level prevailed at 1970 level, if the technology or technologies globally installed in the commercial plants
- 5. These technologies have to prove robust economical feasibility edge <u>on their own alone</u>, i.e. without any Federal and State subsidies, Federal and State funds, tax cuts, tax holiday, etc. (excepts for the prototype first plants, vide position (7)
- 6. Upon the scope of their capability to reduce 20% to 75% of present carbon dioxide emission, these technologies have to warrant the generation of revenues in many trillions of U.S. Dollar within the above time frame of maximum 2035, securing the current jobs of fossil energy, as

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- well as generation of millions of new jobs on their own, i.e. without the other Green New Deal jobs associated with the wind power, geothermal power and hydropower
- 7. Commercialization of these technologies shall fulfill the prerequisite of a ROI, Return of Investment in the margin of three to maximum five years dependent on mid-size or large-scale commercial plants, thus there will be no need for Department of Energy's and EPA's Loan Guarantee Program for the construction of the first prototypes plants
- 8. Particular stress is to be paid on the technology or technologies, which implies or imply the re-use of captured carbon dioxide as a new fossil energy resource, now as a feedstock for production of high-value hydrocarbons like gasoline, jet fuel, methanol, ethanol, DME, ammonia, fertilizer, most importantly electric power; all competitive or rather able to lower the current costs of power generation and commodity chemicals
- These processes are to secure export, both in products and services to the interests of the United States' hegemony
- 10. After nearly ten years of Clean Energy Massacre, yet steadfast rising global warming crises, the National Civil Action pursues now an hawkish front against the Global Warming Deniers and Clean Energy enemies, i.e. specifically (i)against the lobbyists of the oil and gas exporting countries like Russia, Saudi Arabia, UAE, Qatar and other OPEC countries; (ii)against the lobbyists of oil and gas entities with their main share holders (their employees are not affected with these technologies), as well as (iii)against the nuclear power generation sector, when the re-use of carbon dioxide and super-efficient hydrogen based fossil power plant technology succeed. In actuality, just some few thousands individuals at one side, despite the impact on multitudes of hundreds millions other citizens
- 11. The United States' National Civil Action pursues the above objectives by any social and political activities, most importantly through U.S. Administrative Executives, U.S. Congress, like the proposals for appointment and confirmation of Department of Energy's, Department of Interior's secretaries, EPA's director, as well as others in the judiciary proceedings, but not limited to. These are e.g. support, endorsement and promotion of progressive congressional members and nominees in the both political parties, including the Progressive Democrats, the Progressive GOP Conservative Republicans, and the independent liberals alike
- 12. Installation of consequential rational bills to the interest of the United States in legislation and laws for the promotion of zero-CO₂-emission fossil Clean Energy, which are considerate to the interests of multitude hundreds of millions of United States citizens in terms of economic growth, competitive global edge, national security, social stability, equality, curbing natural disasters, prosperity in the national and economic security, while undercutting the interests of adversaries, particularly the foreign oil and gas exporting countries.

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