

Abstract Submitted  
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**Peruvian perovskite Between Transition-metal to PGM/PlatinumGroupMetal Catalytic Fusion**<sup>1</sup> WH- MAKSOED, PT. DAYA SADHANA BHAKTI, tbk, Jl. Kiaracandong 204, Bandung 40274-West Java — Strongly correlated electronic materials made of simple building blocks, such as a transition-metal ion in an octahedral oxygen cage forming a perovskite structure-Dagotto & Tokura for examples are the high-temperature superconductivity & the CMR/Colossal Magnetoresistance . Helium-4 denotes from LC Case,ScD: **“Catalytic Fusion of Deuterium into Helium-4”**- 1998 dealt with gaseous D<sub>2</sub> – “contacted with a supported metallic catalyst at superatmospheric pressure”. The catalyst is a platinum-group metal, at about 0.5 % - 1 % by weight, on activated C. Accompanies Stephen J Geier, 2010 quotes “transition metal complexes”, the Energy thus produced is enormous, and because the deuterium is very cheap in the form of heavy water (less than US \$ 1/g ), the fuel cost is very low ( <<1 %/KwH ). “The oceans contain enough deuterium to satisfy the Earth’s energy needs for many millions of year” to keep “maria”/Latin name of seas &Deuteronomy to be eternally preserves.

<sup>1</sup>Heartfelt Gratitudes to HE. Mr. Prof. Ir. HANDOJO

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