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Introduction

We are opening this work briefly displaying a background civilization pattern for the present environmental problems. Now, for the first time along the history of civilizations we are really facing global civilization challenges. At background pattern emerges with the XVIII century European enlightenment civilization project and, since the XIX century, it has leveraged a planetary industrial economic system that has generated a huge technological development, unemployment and inequality great waves and gigantic economic crises. Such crises (particularly 1929 and 2008 crises), in turn, have also helped promoting a gigantic environmental crisis (which in turn reacts back on the economic sphere), particularly highlighting global warming effects. Such a non-ecological trajectory of articulated contradictions seems to be pushing the world economic system to its ultimate limits. Many people, still dispersed or organized in very small clusters, are now searching for a new civilization project, alternative to capitalism, based upon a new sustainability pattern and a new scientific reason adjusted to that pattern; no longer the old Newton-Cartesian reason, adjusted to the enlightenment project.

From the Industrial Revolution, the era of fossil fuels was highly intensified in the twentieth century with the expansion of industries and intense urbanization. In 2007, the Intergovernmental Panel on Climate Change I (IPCC) [1] published an alarming report, indicating that climate change would be caused by large-scale use of fossil fuels,

for Earth” [16-19], indicating the concern about the dangerous a gigantic socio-environmental crisis challenge. Many people are now searching for a new civilization project, based upon a new sustainability pattern. Within that last crisis, it is to be severely detached the nine great global environmental menaces and their presumed limits. And within this set of nine menaces, governments and people have detached the global warming. Some years ago, 2006-2007, it seemed that at least this last environmental economic system. A series of consistent politic-economical “signals” along 2006-2007, some of them here presented, has helped to driven that presumed capitalist turn from an usual “externalization” to a new “internalization” of the crisis” has thrown away these hopes. The main objective of the present work is to display a new series of relevant suggesting that the 21th COP of Paris, December, may lead, this time, to a truly sustainable capitalist turn toward economical effective measures for facing present challenges of climate changes due to the global warming effects.

11. Balmaseda