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TOWARD A BLACK SEA COMMUNITY TAKING THE ADVANTAGES OF HYDROGEN ECONOMY-ENERGY

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Abstract

There are a quite large number of studies published in the last decade, dealing with the possible pass of the human society to the hydrogen-based energy. The efforts made by researchers all around the world, in order to bring technical solutions, seem remarkable, but at global level only minor progresses were made toward this major change. Furthermore, most of studies predicted a fuel crisis, but not a possible economical crisis with significant effects on the developing renewable energy technologies. A large part of them are still in the development phase, with profits not at hand, public policies and funds playing an important role here. How strict is the rule of the red pencil? How can the political co-operation around the Black Sea to bring Given the lack of consistent results in the hydrogen related energetic strategies in any of the countries around the Black Sea, we propose an overcoming of any pessimistic status toward an optimistic vision considering the following statements: (i) the individual failure might be overcome by (ii) a common strategy and coordinated efforts of all these countries whose common human and financial resources might easier bring up and launch on the fuel market one of the most ecological energy source. The basic idea of the paper is that a consistent data base and analysis of the context generated by the new energy alternative can support the Black Sea community to emerge from this multiple crisis only whether a sustainable policy and strategy supporting any decision making process would be developed.

Key words: Black Sea, cold plasma reactors, energy, hydrogen sulfide, politics

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