

## The Arab East Initiates an Advanced Energy Project

Since 2008 the solar energy has become a kind of a phenomenon in the region getting the right to be seen as a promising part of the electric generation sector. Meanwhile its status is still far from the really needed one as it faces many challenges limiting its ability to function. Mostly they are of financial origin coupled in many cases with some technical issues clamping down the economic growth in this or that way. One can see here more factors preventing the process such as lack of understanding, underestimation of the project importance, a deficit of knowledge, instability, internal and external threats and so on.

That is why the skeptically oriented public believes that the solar initiative may be actually realized in the region just if it supported by the sound industrial basement. Getting it properly done needs more expanded horizons of the sector especially by means of Saudi Arabia participation that is the biggest large-scale economy in the Arabic Orient having much interest in the renewables. The Kingdom still goes on exploring technologies needed for the purpose, but it may face the slowdown in this process regarding its traditional conservatism in dealing with big projects like photovoltaic electricity.

Nevertheless, the most popular perception of the problem is that the obstacles hampering the solar energy offensive in the region should not be considered as an absolutely insurmountable handicap. Yet they cannot be removed immediately only by the will of the people. In order to reach the final goal it is necessary to couple technologies with the market vision of the whole deal that will spur in line with other factors more opportunities to make the green energy project become true.

The whole process from many points of view is a very complicated and important issue. This is because solar energy creates strong motivations for the technical, technological, social and economic modernization in the Arab countries. So far, the clean energy industry may be regarded as a source of broader employment in the electricity sector and as a means to lessen the pressure on national labor markets in the Middle East. The new tendencies are also closely connected with the advancing start-up initiatives, micro electronics, precise engineering, laser technologies companies, and so on.

In that way the Arab capital came in some cases, especially in the Gulf area, rather closely to find itself a junior partner in the inclusive processes coming throughout the world. So at least the Arabian business community is just waiting a moment to be involved into a big deal.

Properly speaking, the new type energy requires more advanced approach to the principles of economic activity that is of a great interest for the Arab countries now seeking ways to set themselves free from various kinds of dependency on their march to the economic growth. Having background like this, the solar energy may demonstrate itself as a powerful driver of the new trends in allied

economic branches. Moreover, the solar panels production generates growing demand for raw material available in plenty in the Arab world. There is also the great need in technical cadres to serve the solar stations and installed equipment, electric transmission lines, etc. And the Arab countries are now capable in many cases to teach their own specialists of this kind in their higher schools. In other words, the green energy may just now become the universal means to raise the economy as well as to attract the youth into the field of technical knowledge. Today the available clean energy stations as an intensively developing body operate actually as a specific model that gains momentum and makes preliminary steps to find best niches in the MENA region.

They became a topical economic matter in the Arab Orient promising a supportive energetic future and a better environment for the Arabs. Needless to say, the gigantic quantities of accumulated natural heat and photo potential can't help being used in the interests of the Arab nation as a whole. There is little doubt that the Arab East may in the course of time be ultimately transformed into the ideal site for the solar energy due to the suitable combination of natural factors and human efforts.