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Boundaries of the technologies are opportunities for innovation



Even 25 years after the reactor accident at Chernobyl nuclear drama repeats itself again in Fukushima. The illusion was that nuclear power was under control. The opposite is the case. Air, land and sea will be contaminated for centuries, and thus reach the sustainable, nature contracted pollutants into the food chain and thus into the genome of humans, so that malignant diseases occur as late effects for generations.

Technologies have their limits when they are not controlled and the process chains are not completely mastered till the end. Not only does the radiation of the reactor destroy living environment, but also the unresolved question of the waste from the extraction of nuclear energy, are in contradiction to the fundamental right to life.

“In former times, the natural science means for the prevention of natural disasters. Now it applies”, a sentence of the Swiss literary critic Jeannine Luczak, which drastically represents one side of the coin.

However, in nature are still infinitely many innovations that are worth it to be discovered to make the life. Alternative energy sources from solar, wind, hydropower and geothermal energy are also the more meaningful the more the cost of the promotion of increasing scarcity of fossil resources of the earth to explode the prices. Under the title: “The sun sends us a no bill,” the well-known television journalist Franz Alt explains that the sun is sending 10,000 to 15,000 times more energy to the earth as the people on Earth consume daily.

This theoretical potential is used today but only a small fraction, however, the International Energy Agency (IEA) estimates that by 2030 a quarter will come from renewable energy sources. Many inventors and entrepreneurs such as Theo Fuhrländer or Johann-Georg Jäger that have for years derided as “green spinners” are now with their corporations and their answers by wind power in pole position to create the future. Large projects such as Desertec in the deserts of Africa also have the opportunity to compensate for disadvantaged regions of the world to create. This will also have to prove that economics and ethics are closely related.

If we succeed in the solar, wind and hydro power, geothermal energy will be used more efficiently identify not only the economic profit and loss account profits, but particularly the ecological and moral and ethical balance positive results.