

Sustainability for Developing Renewable Resource and Creating Its Industrial Innovation I

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Abstract

The sustainability will be wielding its important roles in industrial division evidently and currently more and more for saving resource contaminated and polluted atmospheric status in world. Meantime, the industrial reformation will be proceeded correspondingly which includes developing with research department and manufacturing products in different manufacturers. The new highly technological level will be satisfactory to every one of us since it has performance with convenience and security. Creating industrial innovation is to include research development & manufacture with newly convenient and prompt software and hardware for making new functional technology. At the same time, developing renewable resource will be an evident phenomenon recently where the low carbon electricity like the photovoltaic wind turbine generator hydropower station & nuclear power plant is included. Hydrogen storage station must be built more and more for conveniently utilizing it to our vehicles in the end. Especially the rechargeable battery technology may be developed more for regulating urgent atmosphere matters.

Keywords: Sustainable research; Renewable resource; Creation; Industrial division; Innovation; Battery; Transportation tool; Vehicles

Introduction

The third industrial revolution has been prevailing now in every corner of world which means the new and renewable energy is evident recently. Therefore, the new sustainability research & development is inevitably forming a strong group for innovative creation on sustainability and renewable exploited energy and resource. What is the sustainability? Answer is saving cost and increasing efficiency & green low carbon where it includes in renewable energy manufacture related technology device and components. Meantime, developing renewable resource will be an evident phenomenon recently where the low carbon electricity like the photovoltaic nuclear power plant & wind turbine generator is included [1-3]. The recruitment with net will afford more person more convenience prompt chance to our techniques and engineers etc. The much amount resume will be distributed into different companies for more adaptive position where the more chances may

be willing to give candidates currently and the necessity time has been very short. The state electric grid where the nuclear power plant and hydropower station etc. forms will be transferred through the carbon transformed into low carbon from remote place with super high voltage. Other generator systems like Photovoltaic and wind turbine one will be utilized broadly with establishing new strategical and tactic plan for creating renewable to our next generations. Through it the new mechanism may be created and regulated for adapting to new institution accordingly where the more advanced and sophisticated mechanism system is adopted in light of balancing and regulating the reality situation. The construction electric generator will have been considered so long take account into the small systems where the photovoltaic and wind generator has a certain role confirmed by now. So it is not fitting to realizing them so far through thinking more about and reality certification.

Discussions

Yantai City has been contracting with NanJing University of Aeronautics and Astronautics for establishing intelligence manufacture technology and device creating centre. The mayor of Yantai City says that it will put forward to enhancing aeronautics and astronautics enterprise as promoting green low carbon and high quality developmental new track for quickly creating world first level sea launch service and aeronautics and astronautics informational enterprise accumulation area. Meanwhile, NanJing University of Aeronautics and Astronautics has evident specialized major, enormous potentiality of R &D (Research & Development) [4]. So that the both sides can negotiate to develop aerospace and electrical information etc. field for developing strategic altitude opportunity, be hopeful through creating platforms advantage for enhancing more achieving transformation in Yantai. Whether it may be developed with sustainability and avoid disaster climate change the third industrial revolution will be promise. In December 1973 the oil price had enhanced from 3 dollars per barrel to 11.65 dollars per barrel which was also 200 anniversaries to Boston Tea party. In July 2008 the world oil price had increased into 147 dollars per barrel so that the world economy declined suddenly. Human being would meet the survival crisis that time. It means that the fossil fuel time had been over. After 60 days the financial market fallen down. It would urge the exhibition of the internet and renewable resource. The first industrial revolution has been 19th centuries with huge change, the second industrial revolution has been 20th with creating new world and the third industrial revolution may have changed human lives and works ultimately with 21st centuries. Oil product in America had attained summit in 1970 and then it declined for long time. It waved the commercial confidence with main lifeblood on crude oil. The oil summit met early in 1979 per human. In 2007 India's economy growth rate had been 9.6% while China's growth rate had become 14.2% so that the 1/3 populations would enter petroleum time. The requirement to oil had not been avoided to promote its price that resulted in the high oil price. In 2010 the European Union imported fee increased 70 billion dollars that was equal to financial budget deficit in Greece and Portugal while the American output increased to 72 billion dollars. The high oil price resulted in the GDP (Gross Domestic Product) in Organization for Economic Co-operation and Development members declined 0.5%. Oil import price had threatened the recovery of economy. From 1970s to 2009s to compare with America Chinese product rate per capita increased from 3% to 19% while Indian product rate per capita increased from 3% to 7%. Up to 2030 Chinese product per capita will attain 70% of American one. Frito-Lay factory has lied in Arizona Casagande which has a little generator and whose idea becomes zero discharge. It has used the electricity from the solar energy condenser to fry potatoes. In Spain Aragon General Electric

Company with top manufacture assembly has 10 million Wattage of solar energy generator. It may afford 4,600 families electric quantities and at first 7,800 dollars investment will retrieve cost in ten years [1]. The industrial technological Park will be used for generators not only dormitories but also families. In next 30 years commercial estate and houses estates will transform into factories of generator and perspective of architecture where they can create several ten thousands of commercial chance and recruitment. At the same time, it will produce multiple effectiveness to other business. In next 20 years if the 6% solar penal on houses top are assembled it may satisfy the 1/3 residents requirement of electricity in Sicily [2]. The Green mortgage loan has owned the same promotion effectiveness to use requirement with solar energy electricity quantities. To promote energy usefulness and use the renewable energy for recruiting person the energy resource in Hans business school at Berkeley school of California University the researchers had invented recruitment creation analysis Modelling the electricity department in 2009~2030 which derived from 15 single cases. That research had predicted that declining the annual electricity quantities to half the renewable energy combinatorial criteria will attain 30%, then 400 million recruitment has been promoted in 2030. If promoting the combinatorial criteria to 60% the more promoted criteria will reach by many more contries in the same time, then the net recruitment will access 550 million in America. After the big company possesses economic field for one century one new advocated energy distribution plan has been produced. That plan will be realized through one million of little energy companies [3]. The second information technology has changed the past effective economic factor to transform from concentrating traditional fossil fuel and Uranium energy to distributing renewable energy [2]. Reserving remaindering energy with hydrogen and then through artificial intelligence internet is to share the electricity with several million user which makes the concentrated nuclear and thermal power factory awkward. A research shows that the American government invests 64billion dollars project may create 280,000 recruitment. The smart grid may make the other 4 economic industries growth important. It can make several ten millions new recruitment for renewable energy, construction and estate, hydrogen reversed industry and electricity transportation [2]. The European committee anticipates that if they invests 1,000 billion through public and private department they may construct distributed smart grid. The informational communication technological companies have realized the remote collecting information to include in the live current monitoring. Its destination will promote the current transportation efficiency, reduce the maintenance fee and more precisely knowing user electric quantity. Their plan may become innovative not ultimate creative. With regards to using internet technological innovation grid will make the discussion on interactive information energy grid to be deficit [3]. The administration management education

course in Wharton school and Scotland energy, Sinager Company and national power grid had discussed deeply on transforming the traditional power grid into shared energy interaction network possibility. We need more small, concise and distributive power plant that may be supported by energy reserving technologies. [3] Achievement line has been one of the strongest and longest no matter what the market lies in. If individual stock achievement happens it has sustainability it continues to the high dividend the market has happened increasingly. Even if the Nation protects stock the priority has been stability high dividend and low estimation where the Chinese estimation system will be prioritized. There is not only declining market. If the big tendency changes into warm who is the rebound pioneer? Ningwang achieving exceeds anticipation and amplify and then ZhongMian has the same trend. The market is willing to reflect the logical one in achieving terminal. Looking back less points in the past two years the first shot has been indicating the good achieving companies [5]. The net recruitment has been being a dominant feature by now where wider fields are feasible through providing individual curriculum vitae. many excellent human resource will be adopted by all kinds of employers for recruiting better speciality human. Finding net talents may afford more delicate view respect features. if you are young enough and owning high diploma with advanced scientificity and technological level one will have been easily adopted by company R & D division for pursuing technological developing enterprise. don't hesitate to feel free for contacting the prevalent enterprise corporation in order to acquire better salary and high positions. in currently global competitive situation the van national opportunities may have been available even only if you have enough capability. hydrogen storage has been widely utilized in transportation tool as a hopefully potential resources which may be an important resource with a lowly contaminating fuel like vehicle, air plane and ship etc.. Although the made cost is high the hydrogen fuel has been applying to the transportation tools due to owning beneficial atmosphere respects. Its role will afford much wider and deeper position for driving our transportation ones with zero contamination since it can be resolved to H₂O ie. Water after consuming.

Conclusions

The recruitment with net will afford more person more convenience prompter chance to our techniques and engineers etc. The much amount resume will be distributed into different companies for more adaptive position where the more chances may be willing to give candidates currently and the necessity time has been very short. The state electric grid where the nuclear power plant and hydropower station etc. forms will be transferred through the carbon transformed into low carbon from remote place with super high voltage. Hydrogen storage as an important technological reformation has been studied all over the developing

countries. It may make the low carbon electric energy acquired from H₂O and get back to it where water H₂O becomes feasibilities through resolving and combining it.

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