

Given these problems, we must find a solution to these problems that threaten the planet and human health

We must find a solution that reduces the emission of carbon dioxide and this solution is this project, but the objectives of the project not only to reduce the proportion of carbon dioxide but also the production of oxygen and not only this project also aims to produce clean energy from carbon dioxide and thus the project It has solved three of the most serious ,problems on the planet and man which is to increase the proportion of atmosphere percent carbon dioxide and global warming and the low percent percentage of carbon dioxide atmosphere and lack of energyin the .sources

This project relies on several chemical reactions .The problem is solved by installing this project on the roof of the factories instead of the chimney, and the mechanism of work will be by exposing carbon dioxide and other gases leaving the factories to coke in two phases: In the first stage, the out gases with a very high temperature are exposed from the factories To relatively large parts of coke, coal is generally characterized by its ability to absorb gases, so coal absorbs a ,portion of harmful nitrogen oxides phosphorous oxides, and some other gases And it makes part of the interaction of carbon dioxide with carbon and the formation of carbon monoxide according to the formula $\text{CO}_2 + \text{C} \rightleftharpoons 2\text{CO}$, and this reaction temperature, but this is high needs a

not a problem at all because the gases coming out of the combustion processes from the factories are characterized by a degree Very high temperature sufficient to complete the reaction to the fullest

As for the second stage, we expose the remaining gases to ground coke to increase efficiency by increasing the .surface area exposed to the reaction The efficiency of the next equation is $2\text{CO} + \text{CO} \Rightarrow 2\text{CO}$. The temperature of the gases is also very high, so the efficiency of the reaction does not decrease, and to increase the efficiency of the reactions. We increase the surface area of this sun-exposed box until the temperature .rises

And at the same time as this reaction takes place, we on the other side are doing electrolysis of water and to increase the efficiency of electrolysis we increase the surface area of the box that contains the water exposed to the sun so the water temperature increases and the efficiency of the analysis increases using a medium-sized solar cell according to equation $2\text{H}_2\text{O} \Rightarrow 2\text{H}_2 + \text{O}_2$ We remove the oxygen in a separate box over the positive electrode. As for hydrogen, it comes out above the negative electrode in the same box that contains carbon monoxide CO and we use a solar reflector that raises the temperature until the next reaction is achieved with a maximum efficiency of $2\text{H}_2 + \text{CO} \Rightarrow \text{CH}_3\text{OH}$, which is the methanol formation reaction And by this project, we would have reduced the

percentage of carbon dioxide emitted from the factories, we increased the percentage of oxygen, so the atmosphere or donate that oxygen to hospitals, and we prevented the problems caused by acid oxides, so the atmosphere is like acid rain, and we were able to form methanol, which is a very gelatinous compound for the industry that enters into many industries and It is used as a fuel source.

And the equations that a project relies on are



