Reducing oil supply risk and CO2 emission has become the major concern of governments in the transportation sector.

Not only is crude oil a limited resource, but the devastating impact of its use is also no longer to be proved. Thus, switching to a sustainable transportation market has become for many countries around the world, a major concern.

Electric Vehicles are one of the reliable ways to decrease the dependence of the transportation system on crude oil and reduce greenhouse gases emission. The development of the electric vehicle market has a close tie to electric charging infrastructure development in order to satisfy the charging needs of the electric vehicle and motivate more people to purchase electric vehicles.

Electric Vehicles are the most promising solution to end the oil-dependency and associated greenhouse gas emissions. But its development is limited to the extent of the Charging Stations Network. Indeed, providing for charging needs is a key factor in convincing individuals to switch to a still mistrusted market.

(addition)

Believing there will be no EV market without the adequate Charging Stations Network, we have decided to get a close look on the Charging Stations market and provide an insight that can help companies involved. This Industry Analysis Report aims at understanding the charging stations market, see what factors – internal or external – influence it, and conclude on its future, as well as propose a general corporate strategy.

In the first part of this report, for better understanding of the global outlook of electric vehicle charging infrastructure, we are presenting the current situation of the electric vehicle and charging market, the current electric vehicle charging technology situation and the electric vehicle charging architecture and regulations.

Furthermore, this report includes a study of two successful charging companies; CHAdeMo and Charge point, and one unsuccessful charging company, Better Place as well as a study of California’s and Estonia’s electric vehicle charging situation and challenges.

Based on current electric vehicle charging situations and case studies, this report has concluded five major affecting factors and analyzed how each of these factors can affect the electric vehicle charging’s future path.

To do so, we have been exhaustively looking into the current situation of the market, as well as the global context. The data collected – presented in this document in case studies and reviews – enabled us to isolate 5 relevant factors that have the most influence on the market. Eventually, we were able to conclude on the market’s situation, future, and potential.

Finally, this report, according to the systematic study of electric vehicle charging infrastructure, provides short term and long term strategies for electric vehicle charging companies who are already in the market or want to enter and invest in this market in near future.

But all these elements would have seemed incomplete to us if we hadn’t been able to provide efficient help to the market, and we thus used the previous analysis to provide strategic elements to companies entering or currently involved in the market.

Which gives this:

Not only is crude oil a limited resource, but the devastating impact of its use is also no longer to be proved. Thus, switching to a sustainable transportation market has become for many countries around the world, a major concern.

Electric Vehicles are the most promising solution to end the oil-dependency and associated greenhouse gas emissions. But its development is limited to the extent of the Charging Stations Network. Indeed, providing for charging needs is a key factor in convincing individuals to switch to a still mistrusted market.

Believing there will be no EV market without the adequate Charging Stations Network, we have decided to get a close look on the Charging Stations market and provide an insight that can help companies involved. This Industry Analysis Report aims at understanding the charging stations market, see what factors – internal or external – influence it, and conclude on its future, as well as propose a general corporate strategy.

To do so, we have been exhaustively looking into the current situation of the market, as well as the global context. The data collected – presented in this document in case studies and reviews – enabled us to isolate 5 relevant factors that have the most influence on the market. Eventually, we were able to conclude on the market’s situation, future, and potential.

But all these elements would have seemed incomplete to us if we hadn’t been able to provide efficient help to the market, and we thus used the previous analysis to provide strategic elements to companies entering or currently involved in the market.