

MUSK IN INDIA – A SUCCESS STORY IN THE MAKING.

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Abstract

One of Elon Musk's twitter post, created a lot of buzz in India and most certainly in the state of Karnataka, as his EV company Tesla is planning on its expansion to another East Asian Market, after the Shanghai branch which dealt with R&D and sold almost 50,000 units. And India is one of the most likely targets which Tesla would be aiming for, not only because of the humongous manpower capability that the country could offer, but also for the development of rules and regulations for the improvement and the enhancement of EV's in the country. Since the development of the EV policy, 2017 in the state of Karnataka, which pioneered the same and proved itself to be worthy of the badge of "EV Hub" of India, with a lot of tech start-ups pushing the boundaries in the field of EV. With some of the latest news articles in the papers, discussed about the probability of Tesla being interested to form another enterprise in the country, surely is exciting news. This would not only mean, the change in the economic spectrum of the country because of the remarkable improvement of the Tesla Stocks in USA but also a major chance for employment, leading to the push in the Indian economy which is most required at this time of distress and dilemma because of the COVID-19 pandemic which struck.

Key Words – *Economy, Employment, EV Hub, Pandemic, Policy, Tesla, Start-ups.*

Introduction –

The Corona Virus struck the entire world in the year 2020 and was declared a pandemic in March 2020¹, and since then the entire world has fallen into this necessity to shut down and to lock itself up. This has not only caused every single country to take several steps back, in terms of the economic progress and the development actions which were being taken by them. Shops shut down, jobs lost, people starved, governments crumbled and doctors suffered. And all of this, not only took a toll on a person's daily life, but at a very larger scale it definitely shook the core of the country.

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¹ Anita Babu, Corona Virus declared a pandemic: What does it mean?, THE WEEK, (Mar 12, 2020) <https://www.theweek.in/news/health/2020/03/12/coronavirus-declared-a-pandemic-what-does-it-mean.html>

Every country is mainly dependent on its economy, its governmental actions, its health care system and its people. Only when all of these parts of the process are in place and in unison, only then can there be a way for the country to progress. This idea is like Dominos, once one single piece starts to fall, it doesn't just tumble and toil, but will also take down the rest of the dominos with them and this is one such situation which happened to create the domino effect and destroy entire countries, just in a matter of days. All of these moving pieces are very integral for the smooth and seamless existence of all such departments of the country, the economy is what provides a way for the country to stand out and to be productive and prosperous amongst all the other competitors in the world. The government is what ensures the safe commission and the safe way of commission of such actions, but creating regulations, laws, rules and laying down restrictions, it not only tries to secure the future of the country but also ensure the safety of the present as well. Next comes the role of the health care system, and this is one of the most important part of the entire chain because, with there being no regard to the health of people, who are the very beings upon which the before categories are based on, would crumble and there would be extension of the entire species. And hence, health care is a very important part of the puzzle, ensuring the existence of beings, who can be a part of society which runs itself. And the last part of this domino, is the people. Without the people, none of this would exist and there would be no need for the writing of this article itself.

But humans, are a very funny species. They not only devour the resources, money and act all the time with a self-centered perspective and with a misplaced sense of rationality. But there are times, where they do take decisions, create action plans, fight against injustice, love each other and care for the environment and the planet that we live in. The two very distinct but very unique sides of the very same coin. And it is always unimaginable the horrors which man commits and at the very same time, it is very astounding to look at the marvels and the lengths that humans have gone, in order to ensure "GOOD" lives long.

The entire purpose of the above three paragraphs, are to set up the premise along the lines of which this paper would be talking about. The pandemic, not only cleared the view of the people, but it in fact created a sense of clarity which everyone lacked in the years where there was no pandemic and everyone was everywhere. It got into perspective our priorities and made the people think about the acts which every single person could do in order to mitigate the process of degradation which is happening to the climate. The very intricate parts of this paper, might deal with very complex topics and details with respect the international politics, policy reforms, economic notions etc. but the underlying principle and the crux of this paper, is to ensure the actions of human beings must always benefit the creatures living at large, and it is not late, even though pretty late, to seek redemption for the sins which have been committed. And one such way of redemption, is to protect the environment by the implementation of sustainable means with which the harm caused to the nature would substantially be reduced and there would be time which would be given to the environment to recuperate and renourish itself from the harm and damage it suffered.

A data collection and compilation done by the Financial Times, a measure of the air quality was taken into picture and compiled into statistical data which could be analyzed². The report not only mentioned a very disturbing sight, but also showed the real time situation which existed in a lot of countries, where the UN certified air quality limit was surpassed and violated a number of times, by a number of countries. And in the Asian sector, India stood out. The pollution portion of the Indian map, was way off the charts and nearly 5x more times, an average Indian would be exposed to harmful pollution which would lead not only to the death of a number of people, but also would cause harm to a lot of people.

This pollution was caused, mainly because of vehicular emission, industrial emission, construction dust, thermal plant emissions etc.³ And considering that in mind, the paper would mainly focus on the vehicular emission part of the problem. Now, in this time and age, the need for sustainable development and the use of renewable resources is of the utmost

² Steven Bernard and Amu Kazmin, Dirty air: how India became the most polluted country on earth, Financial Times (Dec 11, 2018) <https://ig.ft.com/india-pollution/>

³ ID note 2

importance, because of the depleting conditions of the environment and steady rising in the warmth of the world⁴, which is leading to melting of the polar caps, unprecedented climate actions, rising temperatures in a huge number of regions. All of these actions are not only becoming the major concern in a number of countries in the world, if unregulated and not properly monitored, it would lead to catastrophic effects which would last long and leave a very profound impact on the entire living species.

With all that said and done, it is high time that a rapidly evolving and progressing country like India, must look into a lot of actions which have been taken up by the countries which have already broken the ice and have charged ahead in the use of sustainable ways and renewable ways of development and progress. With the existence of a number of ways to develop and to cultivate renewable sources of energy production to the mainstream energy production ministries, solar, tidal, hydroelectric, wind, geothermal etc.⁵ are a huge spectrum of possibilities which India can look into and implement in the country for better progress.

Musk in India –

The entire conversation and the hype about Elon Musk led Tesla coming to India, which happened via a twitter post which was replied by the global leader in electric vehicles, which sparked not only excitement but also a race in order to make the country compatible to ensure the smooth and comfortable arrival of the motor company. The tweet which sparked a lot of debate and discussion in the country, is almost the very first in its class to happen.

The promotion of electric vehicles has been a very core action which has been focused by the Modi government in the country⁶ and a lot of actions and a lot of provisions have been taken to focus on the matter so far in the country. The state of Karnataka become the pioneer, who led the policy framework in matters which talk about the EV implementation in the country.

⁴ Christina Nunez, What is global warming, explained, National Geographic, (Jan 22 2019) <https://www.nationalgeographic.com/environment/global-warming/global-warming-overview/>

⁵ Lora Shinn, Renewable Energy: The Clean Facts, NRDC (Jun 15 2018) <https://www.nrdc.org/stories/renewable-energy-clean-facts>

⁶ Hindustan Times, India plans \$4.6 billion in incentives for battery makers in EV push: Document, Auto. Hindustan Times (Sept 25 2020) <https://auto.hindustantimes.com/auto/news/india-plans-4-6-billion-in-incentives-for-battery-makers-in-ev-push-document-41601027542902.html>

With an idea and a goal to make Bengaluru become the hub for EV's in the country⁷. The 2017 policy drafted and enacted by the state has been a milestone in the EV market and domain.

With a lot of tech and vehicle start-ups in the state, who are constantly pushing the bounds in matters concerning EV's. Some of those companies who are pioneering the game of EV's in the state are; Mission Electric, an act done from Ola to promote the use of electric vehicles, YULU, a bicycle rental platform, who not only started the trend of using cycles, but also got in the use of electric bicycles or e-bikes for commutes in the city, Ather Energy, a smart electric vehicle company, who is one of the pioneering company which revolutionized the EV two-wheeler market in the country⁸ and so on. Not to forget, Ultraviolette Automotive, which is yet another Bangalore-based start-up which is in the race to deliver a performance oriented electric motor vehicle⁹ has also been one such company which has created a need for the existence of a legislative act which would help the companies who are trying and working hard for the betterment of the environment.

All this aside, the 2017 EV policy in Karnataka has been one of the key elements which led Elon Musk for agreement to enter into the Indian market. One of the major concern which Tesla had with respect to entering the Indian market, was with the lack of infrastructure, the increased tax duties and lack of raw materials¹⁰ and the not up to the mark policy standards which do not permit the entry and is one of the major concern which has been the primary setback for Tesla not entering India.

Not only these, but India has not been well equipped like other countries with respect to the policies for EV's.

The European market has shown a lot of promise across a lot of areas and regions with respect to the EV industry. The framework which each and every country has come up with, is more remarkable and is more of an incentive creating approach to poach the audience into

⁷ Karnataka Electric Vehicles and Energy Storage Policy, 2017, Government of Karnataka, 2017.

⁸ Tracxn Technologies, Electric Vehicles Startups in Bangalore, Tracxn (Apr 16 2020) <https://tracxn.com/explore/Electric-Vehicles-Startups-in-Bangalore>

⁹ Amit Pandey, Electric bike startup Ultraviolette plans to raise up to \$75 mn, mint (Oct 14 2020) <https://www.livemint.com/companies/start-ups/ev-startup-ultraviolette-plans-to-raise-up-to-75-million-in-one-year-11602574491850.html>

¹⁰ Suvrat Kothari, Why hasn't Tesla entered the Indian car market?, Evo India (Apr 21 2020) <https://www.evointdia.com/blog/why-hasnt-tesla-entered-the-indian-car-market>

becoming a part of the electric vehicle community. A huge number of countries in the continent of Europe have showed a really significant promise in the EV market, but apart from the sales stats and everything else which involves numbers, one of the most important thing which has to be considered here is, the policies and the type of action and steps which are taken by the government of those countries which show positive signs during the implementation of such actions.

Among all the countries which exist, 8 major countries in the EU show remarkable promise in the market for EV's and those are, Netherlands, UK, Spain, France, Denmark, Germany, Switzerland and Norway¹¹. These countries even though who have their downsides to the way the sales of the EV's, but the way the country's tried to promote EV sale, is remarkable. Even though the sales have somewhat plummeted in some regions and have maintained a certain level of dominance amongst the other competitors, the main aspect which one has to stress on, is the proactive action which was taken by the collective states in this regard. This proactive action of theirs gives them an edge over the rest of the competition. As that is one way by which, the concern and the strong belief in the very concept of rolling out vehicles which would-be run-on electricity rather than the conventional gasoline or its variants.

Apart from the United Nations Sustainability Development Goals¹² are a very important aspect which deals with not only the concept of saving resources for the future, but also making sure to find a way to implement and make reasonable use of those resources to benefit the need of the present. Exists. Which is technically a forum at which all the nations of the world come together and pledge for a better tomorrow, the very important aspect of appreciation would be for the EU who have taken it upon themselves and not only follow the guidelines which have been laid down by the UN, but also they have gone a step ahead and have made sure that, there are actions which are being taken at the grassroot level which would not only benefit the microeconomy of the country, but all those small developmental actions add up to the bigger picture which is the macroeconomy of the country. And this is how and what being proactive means.

¹¹ Guest Contributor, 8 European Countries & Their EV Policies, Clean Technica (Nov 4 2018) <https://cleantechnica.com/2018/11/04/8-european-countries-their-ev-policies/>

¹²UNSDG, Take Action for the Sustainable Development Goals, United Nations <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

The United Nations Sustainability Development Goal 7 talks about the factor for the presence of there being affordable and clean energy for all. And that being one of the most important aspect under that, the UN have linked EV's with respect to the concept of linking electric and transportation. With the priority actions of the SDG being ways to integrate the renewable forms of electricity and to implement fuel policies which would not only help in the reduction of pollutants but would also lead to the reduced consumption of non-renewable sources. Policy framework to improve, to implement and to encourage the use of public transport, walking and cycling over use of private transportation means, except for at times of need¹³. Not only that, but the priority actions would mainly include the aspect and the steps which have to be taken up by each and every state which is a signatory and makes it a duty which has to be implemented by the signatories when they ratify the legislative actions for the same. Taking into perspective, the 15-year plan which is the main focus of the agenda which the UN Sustainable Development Goals¹⁴ have is a very important part of the entire discussion which involves United Nations. And with keeping a timeframe in mind, the race to accomplish and succeed in achieving those goals will become the focus and would make all the signatories be accountable and take the onus upon themselves to make sure that, they try and make a difference to develop and to attain the goals. With the improving stance of people in understanding the situation of the global crisis, it is also becoming very beneficial for the act to take full swing and to ensure all these goals would be met. There are various number of suggestions which the UN have made in their policy document¹⁵ and those suggestions can act as guidelines for all the states to work on and to improve the conditions which exist.

Karnataka Policy on EV's –

In this research work, the main focus is on the aspect of the EV policy which was drafted and enacted by the state of Karnataka in the year 2017. Being one of the very first states in India, to come up with a policy for the EV's in India, Karnataka is leading to be one of the pioneers in the field of EV transportation and also is an example of proactive action.

¹³ Policy Brief #16 Interlinkages Between Energy and Transport, United Nations.

¹⁴ UNSDG, The Sustainable Development Agenda, United Nations,
<https://www.un.org/sustainabledevelopment/development-agenda/>

¹⁵ Supra note 13

The EV policy which was enacted in 2017, is a very prominent and a very important candidate in the contention which helps to implement the policy which is for the development of the EV market. And with the news of Tesla being a potential candidate who would be establishing their market in the country¹⁶ surely did juice up the energy of the people. And with the policy in Karnataka aiming to be a wholesome and a very inclusive policy with respect to all the aspects in the matter of EV's, the pioneer state could be one of the most likely state which would be the host for the motor industry.

The EV policy has its preamble deeply rooted in the concept of reduction of emission which the transport sector causes and to ensure that, the boost in the EV market, with respect to R&D, manufacture, sales, shipping etc. are acts which would be taken care on under this policy. The framework also deals with one of the most important and crucial aspects which is "to attract investments." which are very words in the policy¹⁷. As India being one of the signatories to the UNSDG, the policy also gives a lot of emphasis to the same, as by 2030, the country would like to implement and to clean up the environment and to ensure that, sustainable development would be highly regarded and promoted by all the aspects of the country.

Some of the studies which discuss one of the most important part of this conversation, as by 2024, India being one of the most significant user of energy would invest 118 US Dollars and this is justified by the Oil Minister was that, it is a requirement because of the increasing developmental process which is being promoted by the country¹⁸. Even though it is a very valid justification, considering India is one of the most significant and the most prominent country which is progressing in the world in terms of other nations who fall under the premise of 'developing nations.' The preamble also ensures the emphasis on this very topic. And now, with the determination of the government, to better this sector and to give the undue importance which it would need to the buildup the importance of EV's and the importance which is going to be given for this particular sector of the motor vehicles market would essentially be a push in the right direction.

¹⁶ Bloomberg, Tesla likely to be in India by 2019-2020, The Economic Times Auto (Mar 19 2019) <https://auto.economictimes.indiatimes.com/news/passenger-vehicle/cars/tesla-likely-to-be-in-india-by-2019-2020/68469752>

¹⁷ Supra note 13

¹⁸ PTI, India to see \$118 bn investment in oil, gas sector in next few years: Pradhan, The Economic Times (Oct 14 2019) <https://economictimes.indiatimes.com/industry/energy/oil-gas/india-to-see-118-bn-investment-in-oil-gas-sector-in-next-few-years-pradhan/articleshow/71579729.cms?from=mdr>

Now, the government via this act tries to emphasis on the shortcomings which existed before which were not given that much of an importance previously. Now, as the sectors of this market that have to receive its due share of credit is being given the most importance in this policy. The mission of the policy is to ensure that, the ecosystem all the way from the manufacturers, the production unit, the sales department and the consumer is being given reference and is being the primary focus.

The policy tries to bring in the investors to invest in the development of this market, and the prospectus for the growth of this sector projects to 2 million unit of Hybrid vehicles and EV's being sold in the country by the end of 2030¹⁹, which is a decade away, and the huge leap with 2 million units being sold would be a really huge jump in the margin with respect to the economy and would benefit the market as there would be very high regard to the increase in the rate employment as the job opportunities would also sky rocket in all these sectors which are mentioned above.

The policy tries to get in as many ideas and as many ways to get in people to invest in the EV sector as they can. There are a lot of sectors which the policy tries to ensure there is concession which is being given to the people who try to be a part of this industry.

The main areas of focus in the policy framework are,

1. To maintain the sustainable development for the protection and for the welfare of the environment.
2. The exemptions which would be mentioned for the investors to promote and encourage the investors to be a part of the journey.
3. Starting incubation cells for the promotion of research and development, for greater works in the manufacture sector and in developing the infrastructure of the market.
4. Give incentives and benefits for the manufacturers, investors and the consumers for better approach and better sales in the market.

The policy could be given understood when we look at the mission and vision of the policy which gives a lot of significance to the sector of development of the economy of the country, promotion of sustainable development, changing the automotive industry in the next decade.

¹⁹ Research and Markets, India EV & Hybrid Electric Vehicles Market 2030: Strategic Analysis – The Penetration of EVs and FHEV's is Expected to Reach as High as 2 Million Vehicles, Cision PR Newswire (Jun 17 2019) <https://www.prnewswire.com/news-releases/india-ev--hybrid-electric-vehicle-market-2030-strategic-analysis---the-penetration-of-evs-and-fhevs-is-expected-to-reach-as-high-as-2-million-vehicles-300869496.html>

All of which are very important and very crucial for the country and can also be looked at in the perspective of proactive steps which are being taken by the country in order to secure the future of the people.

This policy even has two important perspectives; one with the importance from the end of the investors, consumers and the producers, and the other, in the end of the government. The governmental action is a very vital step to take at this point of time. When such issues are taken into consideration, the key players in the format would be the government of various nations, the consumers and the producers of this market. The government must be given a lot of emphasis because, the change which all the nations are setting to embark on, is a very vital and a very huge embargo and for that to work to even be of any consideration, the action of the government is key. Only when the leaders of the country try to lead the way, the people would also follow the same and try to follow the footsteps of the same. As these policy changes would really make a huge benefit for the people, as that would be the guidelines for the action plan which has to be followed²⁰.

When we look at the first part of the discussion, which is the emphasis from the end of the people, the policy gives a tax exemption to the consumers who buy the vehicles. Usually the road tax in Karnataka has a denomination which would be essential to be followed for paying tax which is highly determined on the price of the vehicle which is being bought by the people and give the people almost a total of 2.5 lakh rupees worth²¹ benefits for the same which is a really huge amount at this time in the country. If the policy of California is taken into perspective, the incentives which is being given by them is really very huge and is a very key factor to encourage people to make investments in this sector and purchase those vehicles and the rebate which is being given to the consumers is the highest when compared to any other state in the country at \$4500 per EV²² which would be purchased, taking the EV market in the state of California the highest in the entire country. This is a way to push the sales to a profitable margin and simultaneously encourage producers for developments.

²⁰ Felix Heilmann, Alexander Reitzenstein, Kate Levick, Ronan Palmer, Dileimy Orozco and George Triggs, *The Factors Shaping Tomorrow's World*, E3G, Pg 17 (2020)

²¹ Deepshika Sikarwar, GST on electric vehicles set to be slashed from 12% to 5%, *The Economic Times* (Jul 21 2019) <https://economictimes.indiatimes.com/industry/auto/auto-news/gst-on-electric-vehicles-set-to-be-slashed-from-12-to-5/articleshow/70321136.cms?from=mdr>

²² Neelima Jain and Thomas Lutken, *E-Mobility: A Common Goal*, Centre for Strategic and International Studies, Pg 9, (2020)

When we look at the EV policy in the state of Oregon in the United States, it is miraculous that, the EV market is starting to boom and develop to become better, the people are now, slowly moving into the phase of understanding what is the right thing to do, to preserve the environment. With a \$3Million savings from the reduced usage of fuel for vehicles and by using EV's²³ and it is one of the most remarkable stint which is being done, as a collective work done by all the people which would not only be the path to sustainable development, but also a path to economic benefits, as from the very use of EV's the average cost which is being put on, for the working of a fuel powered car it would be reduced by 4 times²⁴, which is a tremendous amount of money which is going to be saved by the people, so further allowing the people to invest into actions which have more benefits and more value in them for the utilitarian motive which the citizens of the state are looking most for.

This action of more investment by the people in actions which help in sustainable development, sends out a signal which is very positive and green. That indicates for the engineers, people who are in the field, and ones who are creative. To step up their game and to create modes and methods, which are more sustainable friendly and more profitable and would be a reliable source to bank on, during the necessary time. And that is exactly what the Karnataka EV policy is doing right now, as it helps for the people, to themselves create supply for the product by forcing the demand rate to sky rocket and by sending out a clear greenlight signal with a message which would read "LETS GO FOR IT!" and by that, it just would act as fuel to the raging fire for the creators, to create better.

The policy does this act, by providing a huge array of incentives. Which falls under the second perspective which has to be most importantly considered, as mentioned above. And those benefits, comprise from land tax reduction, faster clearances for the set-up of the industry from the appropriate authority and aid in research and development for the

²³ Union of Concerned Scientists, How Oregon Can Benefit From Electric Vehicles: Expanded access to EVs would help consumers, the economy, and the climate, Union of Concerned Scientists, 2015.

²⁴ ID note 23

betterment of the infrastructure of the industries²⁵. The main objective of the policy being to attract investments by people, it would be a very vitally important for the policy to be drafted in a manner which would encapsulate the entirety of the problems which are being faced.

Another most notable provision of the act is the government intervention in the development of the infrastructure for the charging ports. With the existing barriers of the lack of charging infrastructure, charging delay and many more such necessities, EV use would be a very risky step to take. But, what the state has done is that, they have mandated for the implementation of charging ports in a number of important forums in and around the provinces of the city, as to which it would be a mandate by the government to do an act and would have an authoritative backing for the same, which would provide leverage and impose a duty to work on the instructions being given or provided to them. The Oregon state, has over 70 DC fast chargers²⁶ in and along some of the most important highways which would allow for the people to travel longer distances at a lower and a more reduced cost which would be levied on them.

To have more clarity on this matter, the states have to be innately ready and flexible when it comes to making changes and decisions which would be controversial. And now with the downfall of the oil imports of about 9% in the 2019-20 financial year²⁷, to India, mainly because of the COVID pandemic. This is one of the most important aspects to be taken into consideration, because if the state dives in head first into the battle field of the EV's, it would be an unprepared sight which would not benefit the states and highly impact the relationship with the other countries. Mainly the oil sector, as it is the energy source from which India derives its fuel from for the supply of energy. This is one of the most important concern for the country, as strained relationships with other countries would lead to a tipped geo-political offset which would wreck the entire status quo which was achieved through the years²⁸. And

²⁵ Supra note 7

²⁶ Supra note 23

²⁷ Sanjeev Choudhary, India's Crude oil import bill fell 9% to \$102 billion in 2019-20, The Economic Times (Apr 30 2020) <https://economictimes.indiatimes.com/news/economy/foreign-trade/indias-crude-oil-import-bill-fell-9-to-102-billion-in-2019-20/articleshow/75473757.cms?from=mdr>

²⁸ Taylor Dimsdale, Rules of the Road: Executive Summary, E3G, Pg 8, 2019.

so, by slow and steady efforts made by the country, by slowly implementing policies like these, would go a long way, as the relationship with the energy source provider would also not be massively hit from a sudden cry of decline, but this cry of decline would happen gradually and steadily which would create less of a panic to them and would in return highly benefit the country.

The concept of collaboration with multinational companies which work out of India, would also be a game changer in the EV market. As the policy talks about the R&D facilities for the development of the batteries, if there is a possibility which would allow for there mainly existing a focus on association with other markets which are advancing in the same sector, then that would be of more benefit for the advancement not only for the infrastructure, but also would decrease the effort which would be taken to reach that level of development. And the time also would be drastically cut short²⁹.

All of this being said, it mainly depends on how the state government would implement the underlying principles and try to establish the focal point of this policy would become the breaking point for the positive or the negative outcome of this existing policy.

CONCLUSION –

Now coming back to the main point, about the arrival of Elon Musk led Tesla to India. The policy above discussed, is just a ground which would be the foundation for the benefit of the country. As Musk pointed out, the main issues with the India framework is with respect to the lack of infrastructure, strict import policies, and not much of an existence of the idea of EV's and the use of EV in the minds of the people is a very irritatingly true fact. Now with different policies being engineered by different states in India, the strict policy and the mindset is now getting eased out and is being pushed into the zone where, there is a very sensitive awareness being formed in the minds of the people which was non-existent earlier.

²⁹ ID note 28 page 5

Which is a very positive sign and is a sign of progress and development. But with all of that in mind, it is of very essential emphasis that, the essential profile which has to be given to the climate action and climate politics must be developed to an extent which would suffice for the structural changes in the working of the country. And only then, would the nodal exchange and the grassroots development be more versatile and more beneficial.

But all said and done, the wait for Tesla to come to India is still on and would be the best thing to have happened to the country in a very long time.


And with the most relevant switch to renewable resources, it would not only employ people, but would also at the very same time, clean up the environment and would benefit the people in growth and prosperity in the long run. The right step which has to be taken, in making right investments at the right time for the right policy framework plays a crucial and a vital role in taking the country miles ahead³⁰. The renewable energy sector, has the potential to employ a number of people in terms of manufacture, maintenance, installation, shipping, transportation, sales and many other sectors. Significant development to the grid, makes the most sense because an amendment would go a long way than a fresh slate which would be drawn in order to create a vacancy and an opportunity to benefit out of the same. Hence, changes would be more logical, functional and the least time consuming. Not to mention, if there would be amendments which would be made, that would take a huge amount of time because of the dialogue which would exist.

One thing to be considered for situations like these are, if the action being taken by the ruling party, is for the benefit of all the people, irrespective of the agenda, motive, intention which would exist, but if such an action is being taken there must be full and unhindered support from the opposition for the same. The author here, is not endorsing any such political agenda or view point. But is only trying to make it clear that, the existence of the opposition is to make the ruling party, work effectively and efficiently and to ensure that, there is a method

³⁰ Saeed Kaddoura, Binu Jeyakumar, Benjamin Israel, Nikki Way and Morigan Simposon-Marran, Key areas in emerging economy, Pembina Institute, 2020.

for existence of checks and balances. Essential and vital works should be done with appropriate and effective association by all the parties to the discourse. And only then would there be change which would be supportive and be effective for the welfare of the citizens.

Now with the FAME-II scheme initiated by the government it becomes a very important way for the creation of demand for the better and profitable sale of EVs in the country and with support to the infrastructure development in the country, it is a very powerful and a meaningful action which is being taken by the country for the protection of the country and the world at large, with the provisions covering a vast and a major chunk of the EV business, this is a way to provide opportunity to whom so ever might need it³¹.

A large, faint watermark of the IJLPA logo is centered on the page. It consists of the acronym 'IJLPA' in a large, red, serif font, surrounded by a laurel wreath. Below the wreath, the motto 'WORDS SPEAK' is written in a smaller, blue, sans-serif font, flanked by two horizontal lines.

WORDS SPEAK

³¹ National Automotive Board, FAME Indian Scheme Phase II, Department of Heavy Industry, Government of India, https://fame2.heavyindustry.gov.in/content/english/13_1_brief.aspx