

## METHODOLOGY

CUTS International proposes an exhaustive methodology to assess the impact of Electric Mobility on the Jobs ecosystem. A holistic framework has been designed to explore the nature and quantum of jobs lost compared to emergence of new job opportunities. The methodology has been discussed in detail below:

S. No	Activity	Output	Timeline
1	<p><b>Literature Review</b> – Relevant literature including national and international reports on e-mobility and the jobs ecosystem, schemes and policies related to transport sector in particular for EVs in the India, will be reviewed. This will help us to weigh the current status and assess the skills needed for EV Jobs ecosystem. Furthermore, a matrix with job losses -vs- gains at each value chain level and the potential skill requirements along with that will also be added on the basis of desk research which will be subsequently verified during the scoping visits and detailed field inquiries.</p>	<ul style="list-style-type: none"> <li>- Discussion paper and a Chapter in the final report</li> </ul>	End of 1 <sup>st</sup> Month from the start of the project
2	<p><b>Scoping Visits and Detailed Field Inquiries</b> –</p> <ul style="list-style-type: none"> <li>- <i>Selection of the city</i> – Given the scope of the project and past work of CUTS, Jaipur would be the most suitable city to undertake the aforementioned study. However, given the proximity of Delhi from Jaipur, it can be selected for some KIIs.</li> <li>- <i>Key Informant Interviews</i> (KIIs)– Based on the literature review and secondary data, Electric</li> </ul>	<ul style="list-style-type: none"> <li>- Minutes of the meeting</li> <li>- Op-eds – 2-3 op-eds highlighting the findings from different sector, would be published in the leading journals and newspapers to disseminate the findings.</li> </ul>	End of 3 <sup>rd</sup> Month from the start of the project

	<p>Vehicles ecosystem comprises primarily following value chains:</p> <ol style="list-style-type: none"> <li>a. Manufacturing sector – OEM<sup>1</sup> and Tier 1 etc.</li> <li>b. Charging infrastructure – Battery manufacturing, Battery Recharge station, Battery disposal and recycling, etc.</li> <li>c. Auxiliary Services – Mechanics, Public Transport, Private Transport etc.</li> <li>d. Other important area which will be looked upon will be Energy supply.</li> </ol> <ul style="list-style-type: none"> <li>- Mapping of existing job roles and skills and upcoming job roles and skill requirements across various value chains in the EV ecosystem</li> <li>- Stakeholder consultation would be done with the experts in the aforementioned areas. The quantum of stakeholder consultation will be done based on the availability of experts and resources and research need amongst other factors.</li> </ul>		
3	<p><b>Assessment of Scoping visits and secondary data</b> – Based on the findings of the scoping visit and secondary research a draft research report will be prepared.</p>	<ul style="list-style-type: none"> <li>- Draft research report</li> </ul>	<p>End of 4<sup>th</sup> Month from the start of the project</p>
4	<p><b>Focused group discussion</b> – To further validate the findings of the research report, the report would be disseminated to the relevant set of experts, policymakers, industry etc. for their feedback and review. Also, efforts will be made to conduct an FGD in Jaipur. This will not only be crucial in informing larger group of policy</p>	<ul style="list-style-type: none"> <li>- Compilation report of all the feedback and comments</li> </ul>	<p>End of 5<sup>th</sup> Month from the start of the project</p>

<sup>1</sup> Original Equipment Manufacturers such automobile companies

	influencers but will further help in driving the narrative towards electric vehicle ecosystem. Consequently, it will complement the already existing mobility framework.		
5	<b>Finalisation of the report</b> – Based on the feedback received from the relevant stakeholders, the report would be finalized.	<ul style="list-style-type: none"> <li>- Final Research Report</li> <li>- Op-ed</li> </ul>	End of 6 <sup>th</sup> Month from the start of the project

## EXPECTED OUTPUT

As a part of this study, CUTS International will prepare a research paper on the impact of electrification of the mobility landscape on the jobs ecosystem at a city level. The output will be a pioneer in this field and aim to address the need for a discourse on job losses and gains in the process of transition from conventional ICE vehicles to EVs. As studies suggest that wider access to research is essential to strengthen the link between research and policy, hence the research paper could be a potent tool in augmenting the use of evidence in decision-making process.

## EXPECTED OUTCOME – *Long Term Proposition*

Just and equitable policies facilitate a better ecosystem for adoption of new technology and hasten the pace of development. This research output would inform the policymakers to a socially, economically, environmentally and politically acceptable and viable transition.