



YSEM

Empowering Change Agents

REPORT ON ASSESSMENT OF SKILLS AND KNOWLEDGE GAPS AMONG YOUTHS IN E-MOBILITY

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About YSEM

Youth For Sustainable Energy and Mobility is a dynamic youth driven non-profit organization, focused on empowering young change makers to revolutionize transport with innovative E-mobility solutions. Our goal is to achieve cleaner, zero-emission future through sustainable mobility and clean energy.

What we do?

1. Youth Training and Skill Development

We cultivate expertise and leadership among young individuals, enabling them to navigate complex landscape of sustainable energy and mobility.

2. Strategic Industrial Placement

We catalyze youth driven innovation and collaboration with key industry players to secure opportunities for young people in sustainable energy and mobility industry.

3. Research and Policy Advocacy

We focus on advancing knowledge and understanding in sustainable energy and mobility through rigorous research and policy analysis.

4. Events/ Youth Summits

We are driven to create dynamic platforms for youth engagement and collaboration in the realm of sustainable energy and mobility through workshops, forums and conferences.

5. Youth Entrepreneurship

We foster a culture of innovation and enterprise among young visionaries passionate about sustainable energy and mobility solutions through mentorship and networking support.

We focus on equipping young leaders with the tools to drive this transformation by fostering their creativity, we aim to reshape how we power and move our communities, creating a sustainable and resilient transportation landscape.

INTRODUCTION

In the rapidly evolving landscape of transportation, electric mobility (e-mobility) represents a pivotal shift towards more sustainable, efficient, and environmentally friendly transportation solutions. As global economies and societies become increasingly aware of the urgent need to reduce carbon emissions and combat climate change, the demand for innovative e-mobility solutions has surged. This transformation necessitates a corresponding shift in the workforce, particularly among young people who are poised to become the next generation of leaders, engineers, and innovators in this field.

The aim of this report is to provide a comprehensive assessment of the skills and gaps among young individuals in the e-mobility sector. As electric vehicles (EVs), electric bikes, and other e-mobility solutions become more integrated into daily life, it is crucial to evaluate whether the current educational and training systems are adequately preparing the youth to meet the evolving demands of this industry.

Context and Importance

The e-mobility sector encompasses a wide range of technologies and expertise, from battery technology and electric drivetrains to charging infrastructure and smart grid integration. This sector is not only crucial for reducing greenhouse gas emissions but also represents a significant economic opportunity. As governments and private companies invest heavily in e-mobility, there is a burgeoning need for a skilled workforce capable of driving forward these advancements. Young people, who will be entering the workforce in the near future, need to be equipped with the right skills and knowledge to seize these opportunities.

Scope of the Assessment

This report undertakes a detailed evaluation of the current skillsets of young individuals in the e-mobility sector, including those emerging from academic institutions, vocational training programs, and early-stage professional roles. It examines the alignment between educational curricula and the actual needs of the e-mobility industry, identifying areas where young professionals are well-prepared and areas where significant gaps exist.

Key areas of focus include:

- **Technical Skills:** Proficiency in areas such as electrical engineering, battery management systems, software development for e-mobility applications, and vehicle design and maintenance.
- **Industry Knowledge:** Understanding of the regulatory environment, market trends, and the technological advancements driving the e-mobility sector.
- **Practical Experience:** Hands-on experience through internships, apprenticeships, and project-based learning opportunities that enhance theoretical knowledge with practical application.
- **Soft Skills:** Skills such as problem-solving, critical thinking, and teamwork, which are essential for innovation and collaboration in a rapidly changing field.

Methodology

To achieve a thorough understanding of the current skill levels and gaps, this assessment combines quantitative data from surveys and industry reports with qualitative insights from interviews with industry experts, educators, and young professionals. This mixed-methods approach ensures a holistic view of the skill landscape and provides actionable insights for stakeholders.

Objectives and Outcomes

The primary objectives of this assessment are to:

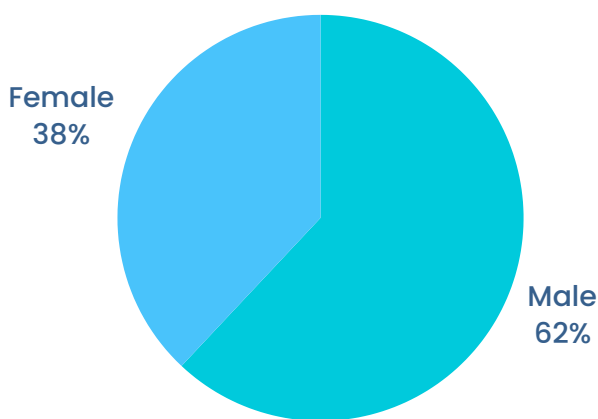
1. Identify the key skills required for young professionals in the e-mobility sector.
2. Evaluate the current proficiency levels of these skills among the youth.
3. Highlight specific gaps in knowledge and experience.
4. Offer recommendations for educational institutions, training providers, and industry stakeholders to better align educational programs with industry needs.

By addressing these objectives, this report aims to contribute to the development of a robust pipeline of talent that will drive the e-mobility sector forward. Ensuring that young people are adequately prepared for careers in this dynamic field is not only essential for the success of the e-mobility industry but also for the broader goal of advancing sustainable transportation solutions worldwide.

In summary, this report seeks to bridge the gap between the evolving demands of the e-mobility sector and the preparedness of the upcoming workforce, thereby fostering a more resilient and innovative industry

Gender Distribution in e-mobility

- **Majority Male:** The chart shows that males constitute a significant majority of the young people involved in the e-mobility sector. This could be indicative of broader trends in STEM (Science, Technology, Engineering, and Mathematics) fields, where males are often more represented.



- **Under representation of Females:** The smaller female segment highlights a gender gap in the e-mobility sector. Efforts to encourage and support more females to enter and remain in this field could help in achieving a more balanced gender distribution.

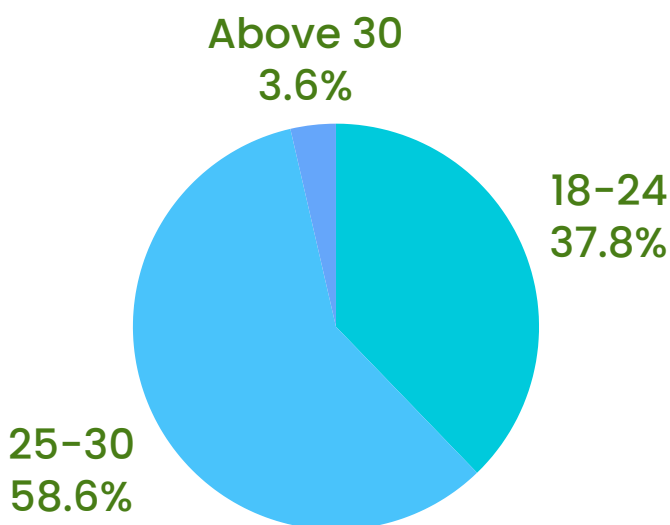
- The gender distribution chart reveals a predominance of males among young people in the e-mobility sector, with females being underrepresented. Addressing this imbalance through targeted diversity and inclusion efforts can help create a more equitable and innovative industry

•Implications;

Need for Gender Diversity Initiatives: The data suggests that initiatives aimed at increasing female participation in the e-mobility sector are necessary. This could include targeted education programs, mentorship opportunities, and policies that promote gender diversity

Age Distribution in e-mobility

- One critical demographic aspect influencing the workforce in e-mobility is age distribution. According to recent data, the majority of individuals involved in the e-mobility sector are between the ages of 25 and 30, comprising 58.5% of the workforce. This is followed by those aged 18 to 24, who make up 37.7% of the workforce. The remaining 3.8% of individuals are aged over 30. This age distribution highlights a young and dynamic workforce that is in the early to mid-stages of their careers.



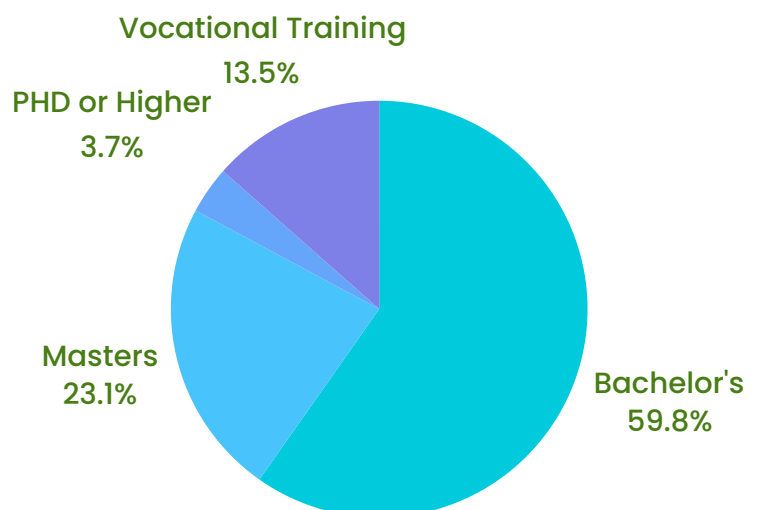
- Under The predominance of younger professionals in the e-mobility sector underscores the need for targeted educational and training programs that cater to this demographic. With a significant majority in the 25-30 age bracket, it is crucial to understand the specific skills and competencies that are prevalent among this group, as well as the areas where there might be shortcomings. Meanwhile, the 18-24 age group, which represents a substantial portion of the workforce, is at a critical stage of career development and is likely undergoing foundational training and initial professional experiences.
- The small percentage of individuals above 30 indicates that while there is some level of experience within the sector, the bulk of the workforce is relatively new to the field. This dynamic creates both opportunities and challenges in terms of skill development, knowledge transfer, and career progression within the e-mobility industry.

Level of Education in e-mobility

- The electric mobility (e-mobility) sector is a rapidly advancing field driven by technological innovation and sustainability goals. As this sector expands, understanding the educational background and skillsets of the emerging workforce becomes crucial to addressing the industry's evolving needs. A detailed assessment of these factors provides valuable insights into how well-prepared young professionals are to meet the challenges and opportunities presented by e-mobility.
- An analysis of the educational background of individuals working in e-mobility reveals a diverse range of qualifications. According to recent data, the educational distribution among young professionals in the sector is as follows:
 - Bachelor's Degree: 58.5%
 - Master's Degree: 22.6%
 - PhD or Higher: 5.7%
 - Vocational/Technical Training: 13.2%

This distribution highlights a predominantly undergraduate-educated workforce, with a significant portion holding bachelor's degrees. The presence of individuals with master's degrees and advanced qualifications indicates a substantial level of specialized knowledge, while the representation of vocational and technical training underscores the importance of hands-on skills and practical experience.

In summary, analyzing the educational backgrounds of young professionals in e-mobility provides critical insights into their preparedness for the industry. The data shows the gap between educational qualifications and industry needs, ultimately contributing to a less effective and stunted e-mobility workforce.



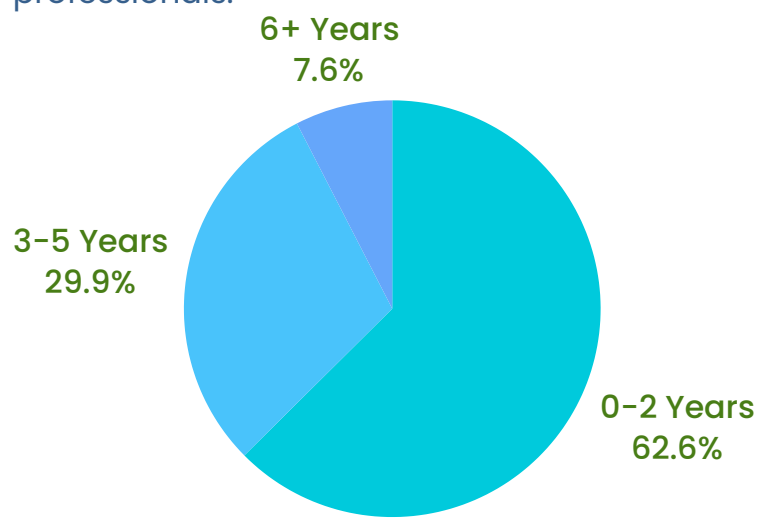
KEY FINDINGS; EXPERIENCE

Level of Experience in E-mobility

- **0-2 Years: 62%** A substantial majority of respondents (62%) are relatively new to the e-mobility field, with less than two years of experience. This indicates a strong influx of newcomers who are likely in the early stages of their careers and still building foundational knowledge and skills in e-mobility.
- **3-5 Years: 29.6%** Nearly 30% of respondents have between three and five years of experience. Professionals in this group are gaining specialized knowledge and are beginning to handle more complex tasks and responsibilities. They are likely moving from basic learning to more advanced problem-solving and strategic roles.
- **6+ Years: 7.5%** Only 7.5% of respondents have over six years of experience. This group comprises seasoned professionals with advanced skills and a deep understanding of the e-mobility sector. They are often in senior or specialist roles and may face challenges related to staying current with rapid technological advancements and industry changes.

The significant number of new entrants (0-2 years) in the e-mobility sector underscores the need for robust foundational training, onboarding programs, and mentorship to quickly develop their skills and knowledge. Mid-level professionals (3-5 years) are ready for more complex projects and leadership roles, necessitating specialized training and development to further enhance their capabilities and prepare for career advancement. For the smaller group of experienced professionals (6+ years), targeted professional development and continuous learning are essential to stay abreast of new technologies and methodologies, with opportunities for specialization in emerging areas providing added value.

Overall, the e-mobility sector appears to have a dynamic workforce with a significant number of newer professionals and a smaller proportion of seasoned experts. This distribution suggests a need for tailored training programs that address the specific needs of each experience level, from foundational knowledge for newcomers to advanced skills for experienced professionals.



KEY FINDINGS; EXPERIENCE

Level of Employment in E-mobility

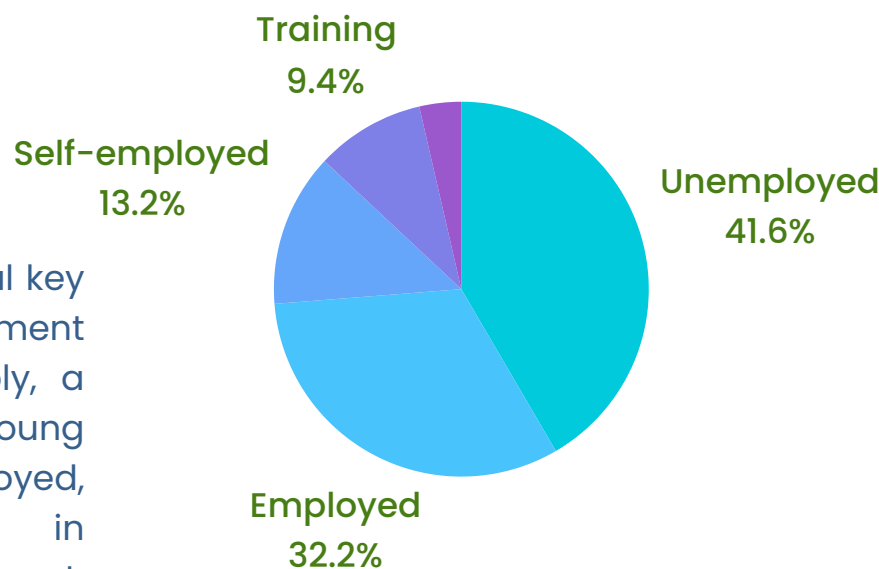
- The electric mobility (e-mobility) sector is at the forefront of a transformative shift towards sustainable transportation solutions. As this sector continues to grow and evolve, understanding the employment landscape of young professionals within this field is crucial. The distribution of employment status among these individuals offers valuable insights into their engagement with the industry and highlights areas where additional support may be needed.
- This report reveals the following distribution of employment status among young professionals in the e-mobility sector:

- **Unemployed: 41.5%**
- **Employed: 32.1%**
- **Self-Employed: 13.2%**
- **Training: 9.4%**
- **Freelancer: 3.8%**

This distribution underscores several key aspects of the current employment situation within the sector. Notably, a significant proportion of young professionals are currently unemployed, indicating potential challenges in securing stable employment. Conversely, there is a notable segment of the workforce that is engaged in

self-employment and freelancing, reflecting a degree of entrepreneurial activity and flexibility. Additionally, a portion of individuals are still in training, suggesting ongoing efforts to acquire the skills necessary for entering or advancing in the field.

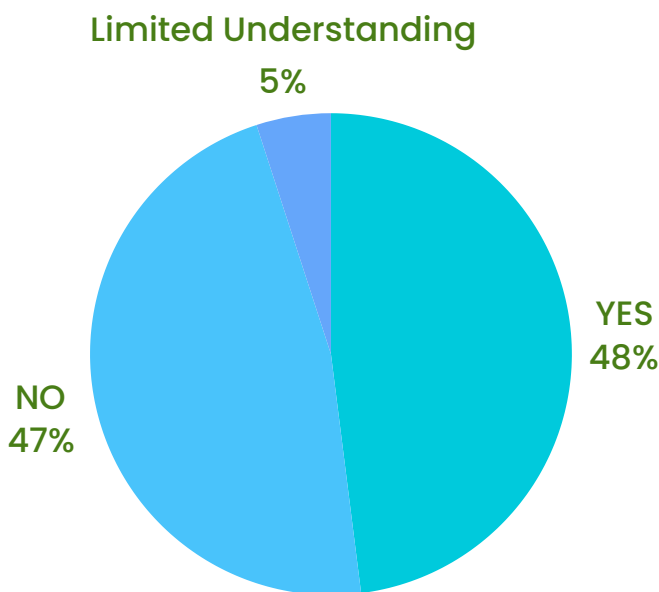
In summary, understanding the employment status of young professionals in e-mobility is crucial for addressing the challenges and opportunities within the industry. The data shows the gap between current employment realities and industry needs, ultimately contributing to a small and narrow workforce in the e-mobility sector.



Current Understanding of e-mobility.

- **48%** of respondents have a good understanding of e-mobility. This indicates that a significant number of participants feel confident in their knowledge of the e-mobility sector

•**47%** of respondents do not have an understanding of e-mobility. This suggests that a substantial number of participants recognize their lack of knowledge in this area.



•**5%** represents those who have a limited understanding of e-mobility. While these respondents have some knowledge, they recognize that their understanding is not comprehensive.

This data highlights the need for **educational initiatives and information dissemination** to increase awareness and understanding of e-mobility among young people. This could help bridge the knowledge gap and empower more individuals to actively participate and contribute to the sector.

KEY FINDINGS

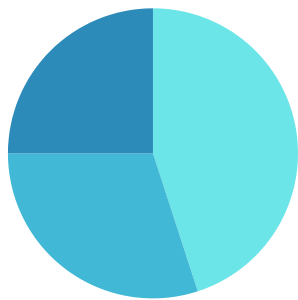
Current Role in E-mobility

- Majority of young people hold technical roles in the E-mobility sector which is represented by 45%. This category includes engineers, technicians and R&D specialists who are responsible for developing and maintaining e-mobility technologies and infrastructure.
- Given the fast-paced evolution of technology, these individuals require continuous, in-depth technical training. Training programs should focus on emerging technologies, advanced problem-solving skills, and hands-on experience with new systems to keep pace with industry innovations.

Those in management roles need a combination of technical understanding and strong cross-functional skills. Training for this group should emphasize strategic planning, project management, and leadership development, integrating technical insights with business acumen to effectively guide teams and manage projects

Support Roles

25%



Technical Roles

45%

Management Roles

30%

With 30% representing management roles in E-Mobility, Their training should encompass strategic planning, project management, and leadership development, with a focus on integrating technical insights with business acumen to effectively guide teams and projects. This group consists of project managers, product managers, and team leaders who oversee projects, guide product development, and manage teams to ensure successful outcomes.

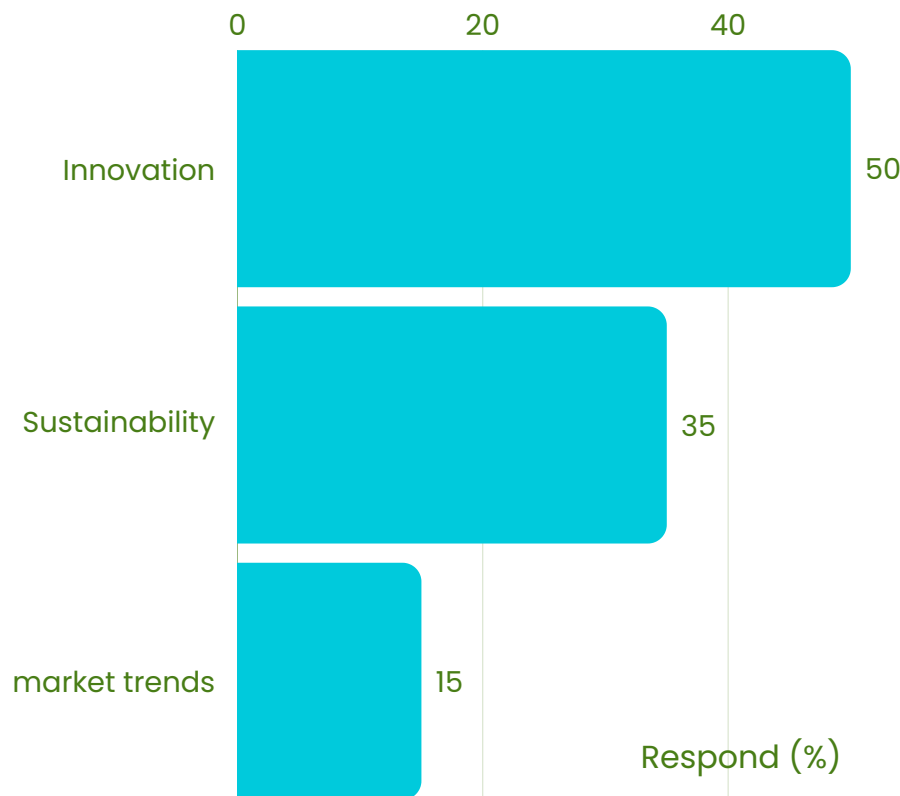
•25% encompasses support roles who are in customer support, sales, and marketing, which are essential for client interactions, market positioning, and promoting e-mobility solutions. They need targeted training in customer service, sales strategies, and marketing techniques specific to e-mobility. Additionally, a solid understanding of technical aspects is crucial for addressing customer inquiries and effectively promoting products.

KEY FINDINGS

Interests about E-Mobility

- Innovation supports a lot of advancements in the E-Mobility sector. Half of the respondents express a strong interest in the latest technological advancements in e-mobility. Examples include advancements in battery technology, autonomous driving systems, and vehicle-to-grid (V2G) integration.

A significant 35% of respondents are focused on the environmental impact of e-mobility solutions. This includes interest in reducing carbon footprints, recycling battery materials, and developing sustainable manufacturing processes.



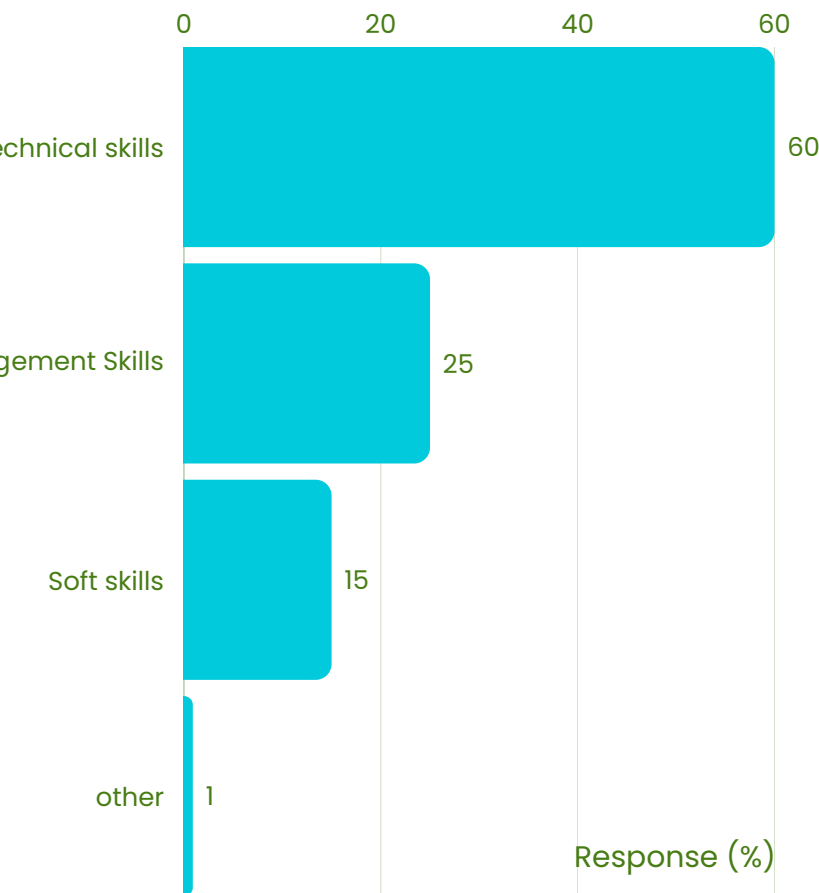
- About 15% of respondents are keen on understanding and predicting market shifts within the e-mobility sector. This involves staying informed about regulatory changes, consumer preferences, and competitive dynamics.

The high interest in innovation (50%) highlights the need for continuous training in cutting-edge technologies such as improved battery efficiency and AI-driven vehicle systems, with a focus on hands-on experience and partnerships with tech leaders. The strong emphasis on sustainability (35%) indicates a commitment to reducing environmental impact through sustainable materials and energy-efficient processes, necessitating training in environmental regulations and green technologies. Although a smaller group (15%) is focused on market trends, understanding industry shifts is crucial for strategic roles, requiring training in market analysis, trend forecasting, and strategic decision-making to stay competitive.

KEY FINDINGS

Skills in E-Mobility

- 60% of the respondents hold technical skills in E-Mobility which includes electric vehicle (EV) systems, battery technology, and charging infrastructure. While technical skills are crucial, there is often a lack of up-to-date training on the latest technologies and emerging advancements. A significant percentage of professionals may not have access to advanced, hands-on learning experiences in these areas.

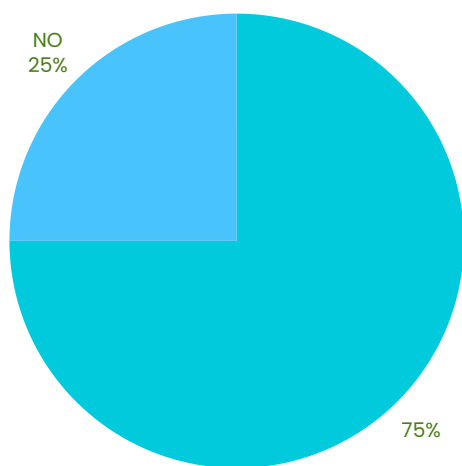


- There is a need for enhanced training programs that focus on the latest advancements in EV systems, battery technology, and charging infrastructure. This includes more opportunities for hands-on experience and access to cutting-edge tools and technologies.
- 25% hold management skills effective in project coordination, strategic decision-making for product development, and leadership in managing cross-functional teams.
- There may be insufficient focus on integrating technical knowledge with management skills. Professionals might struggle with strategic planning and leadership due to a lack of specialized training in these areas.
- 15% hold soft skills such as Effective communication with team members, resolving technical issues collaboratively, and working effectively in diverse teams. Although soft skills are universally valuable, they are often underemphasized in technical training programs. Professionals may lack opportunities to develop and refine these skills, impacting their ability to collaborate and communicate effectively.

Addressing these gaps will require a multifaceted approach, including the development of comprehensive training programs that cover both technical advancements and essential soft skills, as well as tailored management training that aligns with the unique challenges of the e-mobility sector.

E-Mobility Training

- E-mobility training is a crucial aspect in sustainable transportation, providing participants with essential technical knowledge and skills in EVs.
- While 75% of professionals have engaged in some training, the quality and scope of this training might not fully address the latest developments or the comprehensive needs of the e-mobility sector.



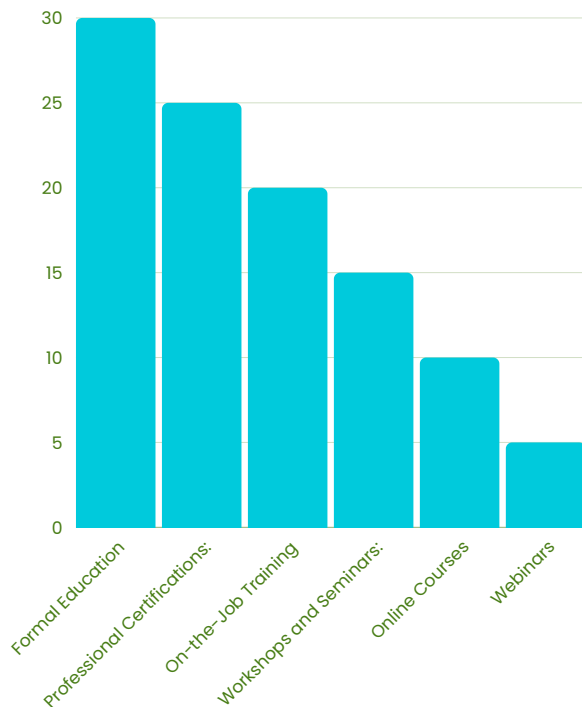
- To address these gaps, it's essential to focus on increasing participation in e-mobility training through targeted outreach and accessible programs, while also ensuring that existing training offerings are updated, comprehensive, and aligned with the latest industry developments. By bridging these gaps, the e-mobility sector can build a more skilled and knowledgeable workforce, better equipped to meet the demands of a rapidly evolving field.

KEY FINDINGS

- Regularly review and update training programs to ensure they cover the latest technological advancements and industry trends. Incorporate practical, hands-on learning experiences and feedback from participants to enhance the relevance and effectiveness of training. Offer advanced and refresher courses to help professionals stay up-to-date and deepen their expertise.
- A quarter of professionals have not engaged in any e-mobility training, which is a notable gap considering the sector's rapid advancement and complexity.
- This lack of training could result in a significant skills gap, where these individuals might not be familiar with essential technologies, industry standards, and emerging trends. This absence of training could hinder their ability to perform effectively in their roles, limit their career advancement, and create a knowledge disparity within teams.
- Implement initiatives to increase awareness and accessibility of training resources. Develop entry-level training programs and outreach efforts to attract and engage those who have yet to participate in e-mobility training. Consider providing financial support, time off, or other incentives to encourage participation.

E-Mobility Forms of Training

- **Formal Education (30%)**
 - While formal education provides a broad theoretical foundation, it may not cover the latest technological advancements or specialized e-mobility topics in depth. This can lead to a knowledge gap in current industry practices and emerging technologies.
- **Professional Certifications (25%)**
 - Although certifications validate specialized skills, there may be a lack of certifications covering all emerging areas in e-mobility. Additionally, some certifications may not keep pace with rapid technological changes.



KEY FINDINGS

- **On-the-Job Training (20%)**
 - On-the-job training can vary in quality and scope, leading to inconsistent skill development. There may be insufficient focus on new technologies or comprehensive problem-solving techniques.
- **Workshops and Seminars (15%)**
 - Workshops and seminars may not cover all relevant topics or may be limited to high-level overviews rather than in-depth learning. There might also be a lack of follow-up support for practical application.
- **Online Courses (10%)**
 - Online courses may lack practical, hands-on experience and may not always be updated with the latest industry developments. There may also be limited interaction with instructors or peers.
- **Webinars (5%)**
 - Webinars provide valuable insights but may offer only brief overviews without in-depth coverage. They may also lack practical application and follow-up support.

E-Mobility Forms of Training Recommendations

- **Formal Education (30%)**
 - Integrate up-to-date curriculum elements and industry-relevant projects into academic programs to ensure that graduates are familiar with the latest e-mobility innovations.
- **Professional Certifications (25%)**
 - Develop and update certifications to cover new technologies and methodologies in e-mobility. Ensure that certification programs are aligned with industry needs and advancements.
- **Workshops and Seminars**
 - Offer more comprehensive workshops and seminars that include detailed, hands-on sessions and follow-up resources to reinforce learning and application of new concepts.

KEY FINDINGS

- **On-the-Job Training (20%)**
 - Standardize on-the-job training practices and ensure they include exposure to the latest e-mobility technologies and problem-solving scenarios. Provide structured training programs to ensure consistency.
- **Online Courses (10%)**
 - Enhance online courses by incorporating practical exercises, simulations, and regular updates to reflect current industry trends. Increase opportunities for interaction and feedback through virtual labs and forums.
- **Webinars (5%)**
 - Complement webinars with more detailed, follow-up materials and interactive sessions. Provide resources for deeper exploration of topics covered in webinars and opportunities for participant questions and discussions.

E-Mobility Training Barriers

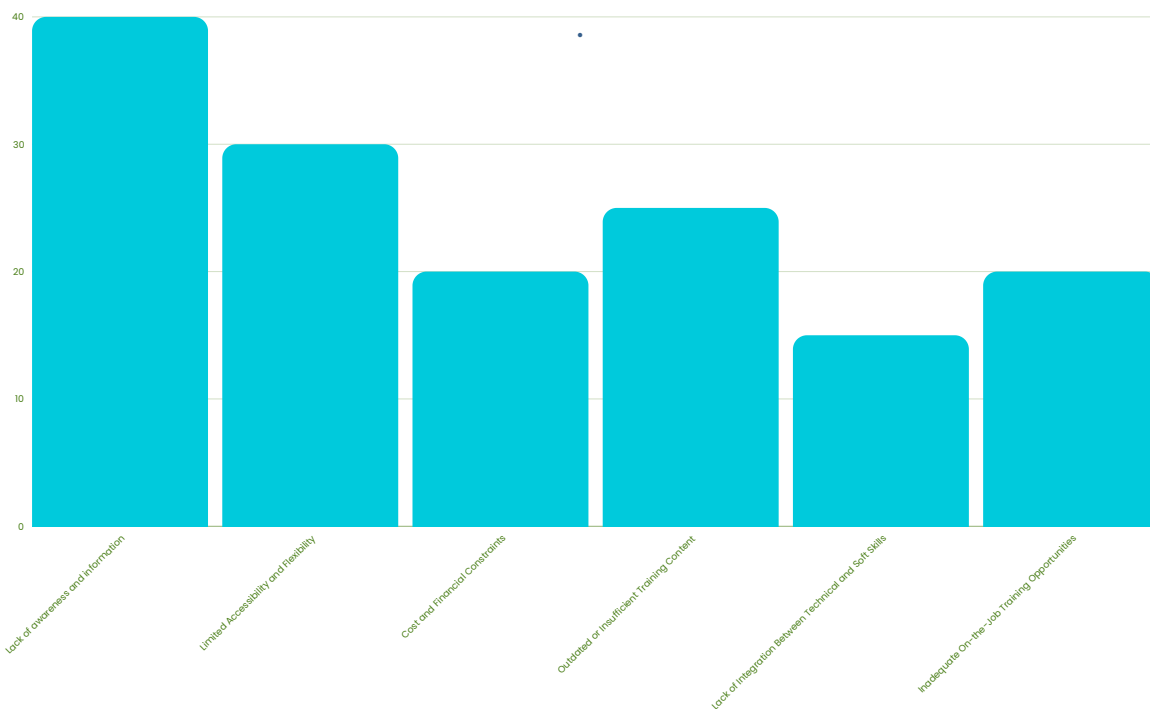
- **Lack of Awareness and Information (40%)**

Many professionals may not be fully aware of available training resources, programs, or opportunities in e-mobility. This barrier contributes significantly to the 25% of individuals who have not engaged in any training and affects those who might not seek out advanced or updated training. Enhance outreach efforts through targeted communication campaigns, industry newsletters, and professional organization partnerships to increase visibility and awareness.

KEY FINDINGS

- **Limited Accessibility and Flexibility (30%)**

Training programs, especially workshops and seminars, may have location, timing, or scheduling conflicts. While online courses provide flexibility, they might lack practical experience. This barrier affects professionals in remote areas or with busy schedules, contributing to the 75% who have participated in training but may find it insufficient. Expand online and hybrid training options, offer flexible scheduling, and incorporate virtual participation for workshops and seminars



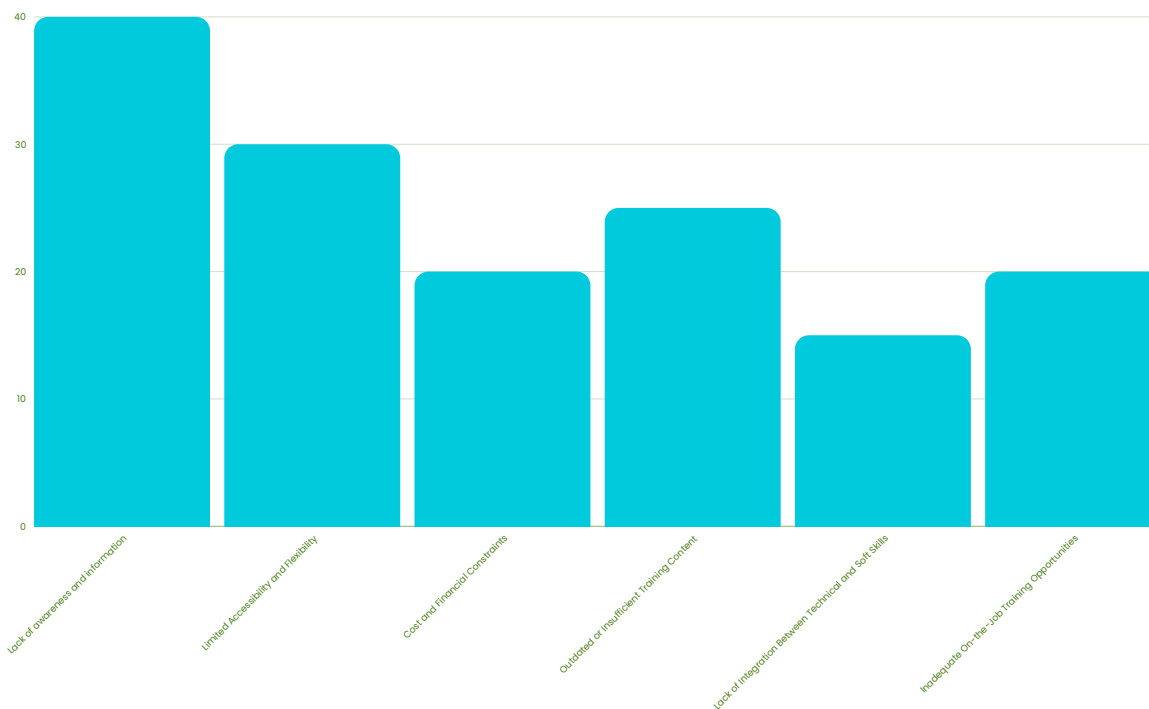
- **Cost and Financial Constraints (20%)**

- Training programs, particularly long-term or advanced certifications, can be expensive, which may limit access. Financial constraints can prevent individuals from accessing essential or advanced training, contributing to gaps in skills and knowledge.
- Explore scholarships, employer-sponsored programs, and government grants to make training more affordable. Consider tiered pricing models to accommodate different budget levels.

E-Mobility Training Barriers

- **Outdated or Insufficient Training Content (25%)**

Some training programs may not be regularly updated to reflect the latest technological advancements and industry trends. This can limit the effectiveness of training for the 75% who have participated, as they may not receive current or comprehensive content. Implement regular reviews and updates of training content to keep it aligned with industry innovations. Gather participant feedback to improve the training offerings.



- **Inadequate On-the-Job Training Opportunities (20%)**

- On-the-job training may vary in quality and scope across organizations and roles. Variability in training can lead to uneven skill development and practical application of knowledge. Standardize on-the-job training practices and develop structured programs to ensure consistency in the quality and breadth of training provided within organizations.

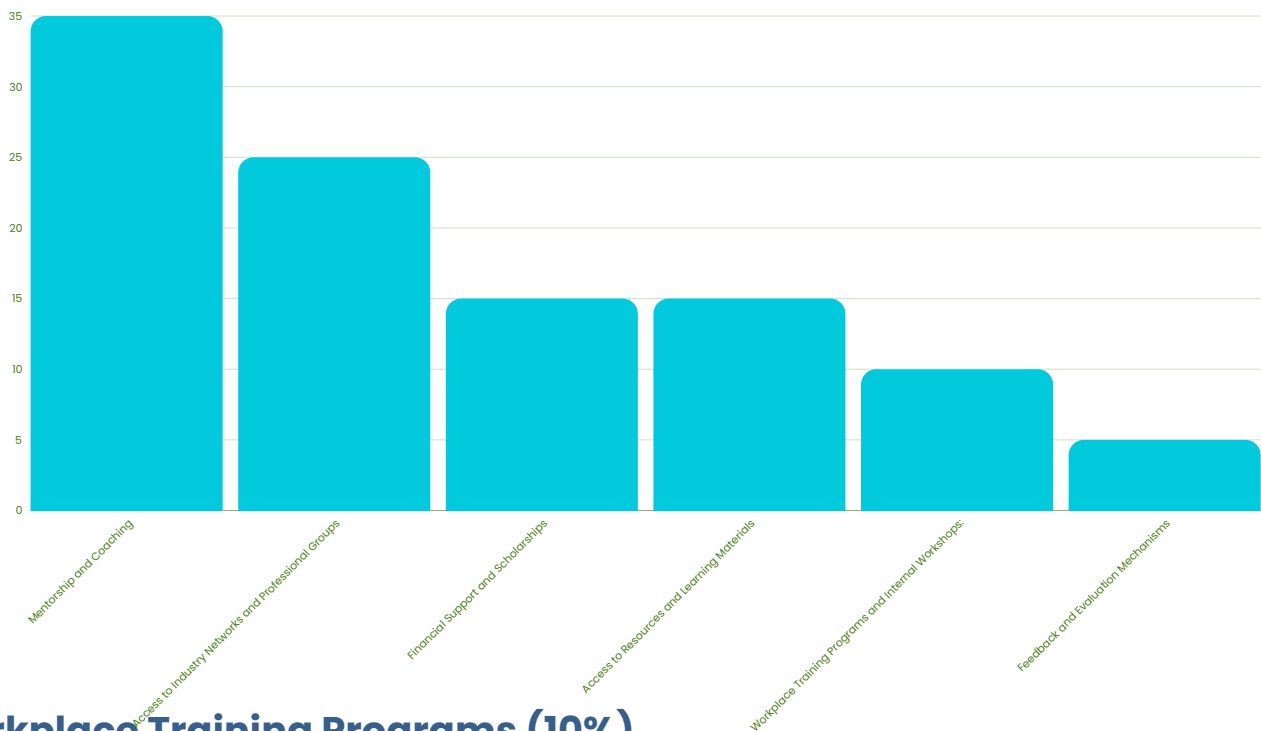
KEY FINDINGS

- **Lack of Integration Between Technical and Soft Skills (15%)**

Training programs might focus primarily on technical skills, neglecting the development of essential soft skills. Professionals may have strong technical knowledge but lack critical soft skills needed for effective teamwork and leadership. Design programs that balance technical skill development with soft skills training. Incorporate modules on communication, problem-solving, and teamwork into technical courses.

Forms of Support in E-Mobility Training

- **Mentorship and Coaching**
- Mentorship can bridge the gap in practical experience and nuanced industry knowledge that formal education alone may not provide. It is particularly valuable for those new to the field and those needing to advance from mid-level roles.
- **Networking**
- Networking helps fill gaps in knowledge and industry trends, which are crucial for understanding market shifts and technological advancements. This form of support is particularly beneficial for those interested in market trends and sustainability.



- **Workplace Training Programs (10%)**
- Internal training can address specific skills gaps and provide practical, job-relevant knowledge. This form of support helps ensure that training aligns with organizational goals and immediate skill requirements.

KEY FINDINGS

- **Financial Support (15%)**
- Financial assistance can help overcome barriers to accessing advanced training and certifications, addressing gaps in both technical skills and specialized knowledge. It is essential for making comprehensive training opportunities available to a broader audience
- **Access to Resources and Learning Materials (15%)**
- Access to up-to-date resources helps address gaps in current knowledge and emerging technologies. This support is crucial for keeping professionals informed about the latest developments and innovations in e-mobility.

CONCLUSION

In conclusion, our assessment has illuminated significant gaps in e-mobility skills among young people, highlighting both challenges and opportunities for development. While the enthusiasm for electric mobility is evident, the current skill levels and understanding among the youth are uneven and often insufficient to meet the rapidly evolving demands of the e-mobility sector. Addressing these gaps is crucial for ensuring that the next generation is well-equipped to lead and innovate in this transformative field.

Key Findings:

1. Demographics: The majority of respondents are between 18–35 years old, with a slightly balanced representation of gender and educational backgrounds. Most participants are students or early-career professionals in fields related to engineering, environmental science, policy, finance and business.

2. Interests and Expectations:

- - Industry Trends and Innovations: Respondents expressed a keen interest in learning about the latest trends and technological advancements in e-mobility. They are particularly eager to hear from industry leaders and innovators.
- - Investment Opportunities: Many participants are interested in understanding the investment landscape of the e-mobility sector, including funding opportunities for start ups and career prospects.
- - Sustainability and Environmental Impact: There is a strong emphasis on sustainability, with participants wanting to explore how e-mobility can contribute to reducing carbon emissions and fostering a greener future.

3. Preferred Activities:

- - Workshops and Hands-On Sessions: Practical workshops and interactive sessions are highly favored, allowing participants to gain hands-on experience and apply their knowledge in real-world scenarios.
- - Networking Opportunities: Networking sessions are seen as crucial for building connections with peers, industry experts and potential mentors.
- - Industry Internships and Job Shadowing: There is strong interest in gaining practical experience through internships and shadowing opportunities with e-mobility companies, which provide insights into real-world applications and career pathways.
- Online Courses and Webinars: Flexible, self-paced online learning platforms and webinars on e-mobility topics are preferred for their accessibility and ability to cater to diverse learning styles and schedules.

— ACTION POINTS —

• **Concerns and Challenges**

- - **Accessibility and Inclusivity:** Ensuring the event is accessible to all, including those with disabilities and from remote areas, is a significant concern.
- - **Cost and Funding:** Affordability is a key issue, with many respondents highlighting the need for financial support in their project implementation
- **Practical Application:** Young people are looking for actionable takeaways and practical knowledge that they can implement in their own projects or careers.

POSSIBLE RECOMMENDATIONS.

- **Enhanced Education and Training:** Integrate comprehensive e-mobility curricula into STEM and vocational programs, focusing on both technical skills and the broader implications of electric transportation technologies.
- **Industry Partnerships:** Foster partnerships between educational institutions and e-mobility companies to provide internships, hands-on workshops, and real-world projects that bridge the gap between academic learning and industry practice.
- **Public Awareness Campaigns:** Launch initiatives to raise awareness about e-mobility career opportunities and the skills required, ensuring that young people understand the value and potential of pursuing a career in this field.
- **Government Support:** Advocate for policies and funding that support e-mobility education and training programs, making them accessible to a diverse range of students and regions.