GEF-8 funding opportunities for e-mobility

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Global Environment Facility - GEF-8 cycle

• The 8\textsuperscript{th} replenishment cycle covers July 2022 to June 2026
• GEF-8 Programming Directions were approved in April 2022
• Countries will receive a new STAR* amount at end of June 2022

• Funding areas:
  • 11 integrated programs
  • 3 STAR Focal Areas:
    • \textbf{Climate Change}
    • Biodiversity
    • Land Degradation
  • 2 non-STAR focal Areas:
    • Chemicals and Waste
    • International Waters

*STAR = System of a Transparent Allocation of Resources
Pillar 1: Promote innovation, technology development and transfer, and enabling policies for mitigation options with systemic impact

1.1. Accelerate the efficient use of energy and materials.

1.2. Enable the transition to decarbonized power systems.

1.3. Scale up zero-emission mobility of people and goods.

1.4. Promote Nature-based Solutions with high mitigation potential.
## GEF-8: Climate Change Mitigation Resources

GEF’s overall estimated resources for zero emission mobility projects:

<table>
<thead>
<tr>
<th>FOCAL AREA</th>
<th>Million US$</th>
<th>% of total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Climate Change Mitigation</strong></td>
<td>841</td>
<td>16.0%</td>
</tr>
<tr>
<td>CCM STAR Country Allocations</td>
<td>513</td>
<td>9.8%</td>
</tr>
<tr>
<td>Efficient use of energy and materials</td>
<td>101</td>
<td>1.9%</td>
</tr>
<tr>
<td>Decarbonized power systems</td>
<td>93</td>
<td>1.8%</td>
</tr>
<tr>
<td><strong>Zero-emission mobility</strong></td>
<td>93</td>
<td>1.8%</td>
</tr>
<tr>
<td>Nature-based solutions</td>
<td>66</td>
<td>1.3%</td>
</tr>
<tr>
<td>Integrated Programs</td>
<td>160</td>
<td>3.1%</td>
</tr>
<tr>
<td><strong>CCM STAR Set Aside</strong></td>
<td>328</td>
<td>6.2%</td>
</tr>
<tr>
<td>CBIT</td>
<td>75</td>
<td>1.4%</td>
</tr>
<tr>
<td>EAs</td>
<td>145</td>
<td>2.8%</td>
</tr>
<tr>
<td>Global and Regional Programs</td>
<td>22</td>
<td>0.4%</td>
</tr>
<tr>
<td>IP Global Platforms</td>
<td>32</td>
<td>0.6%</td>
</tr>
<tr>
<td>IP Country Project Incentive</td>
<td>53</td>
<td>1.0%</td>
</tr>
</tbody>
</table>
Objective: support low and middle-income countries with the shift to zero emission vehicles (ZEV) to reduce greenhouse gas emissions in the transport sector

Typical intervention components for an e-mobility country project:

1. Institutionalization of zero-emission mobility (national coordination entity, national strategy, capacity building, etc.)
2. Demonstration / pilot project (i.e. operating a fleet of electric motorcycle taxis)
3. Scaling up through financial mechanisms, regulations, standards, etc.
4. Environmental sustainability (battery management, RE integration, etc.)

Budget required: +/- 3 million US dollars (to be discussed country by country)

Project entry point: Ministry of Transport (or equivalent)
Other key stakeholders: Ministry of Environment, Ministry of Energy, etc.
GEF-8: application and development process

Overview of the main steps for developing an e-mobility project:

1. Issue a Letter of Endorsement (LoE) to commit the GEF allocations (by the GEF OFP)
2. Prepare a concept note (called a “child project”) – 2nd half of 2022
3. Submit country concept note to the GEF along with the cohort other countries and the global program framework document (PFD) – around February 2023
4. GEF reviews and approve the concept – mid 2023
5. Develop the detailed Project Document - mid 2023 to mid 2024
6. Submit the Project Document to the GEF – mid 2024
7. GEF reviews and approves the Project Document – end of 2024
8. Project execution starts – 1st half of 2025

Note: there will possibly also be a 2nd round of concept note submissions in February 2024
Next steps

Countries:
• Consultation process with relevant national stakeholders to prioritize / decide on the use GEF funds
• Identify a GEF Agency to support the country
• Identify the project’s Executing Agency (national entry point)
• Prepare and issue Letters of Endorsement (GEF OFP)
• Start the process of developing concept notes

UNEP:
• Prepare one-pagers on electric mobility project concepts
• Comment on proposed ideas, advise on eligibility
• Offer more information about the GEF-8, templates, processes, etc.
• Support in the development of the concept note
• Identify partners that could support (execution, co-finance, etc.)
Questions?

For more information on how to access GEF-8 funding for e-mobility projects, please contact:

- **Africa:** Julien Lheureux - julien.lheureux@un.org
- **Asia/Eastern Europe:** Sudhir Sharma - sharma66@un.org
- **LAC:** Asher Lessels - asher.lessels@un.org
Thank you

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## Financing needs at different stages of e-mobility readiness

<table>
<thead>
<tr>
<th>Stage</th>
<th>Technology</th>
<th>Market</th>
<th>Adaptation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Push</td>
<td>Pull</td>
<td></td>
</tr>
<tr>
<td><strong>Policy</strong></td>
<td>Innovation</td>
<td>Regulation &amp; standards</td>
<td>Ensure tax revenues</td>
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<tr>
<td></td>
<td>R&amp;D</td>
<td>Fiscal incentives</td>
<td>Internalize technology progress</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td>Grants</td>
<td>Grants + Concessional Finance</td>
<td>Commercial Lending</td>
</tr>
<tr>
<td></td>
<td>National &amp; international research programmes</td>
<td>GEF</td>
<td>Commercial banks</td>
</tr>
<tr>
<td></td>
<td>Foundations</td>
<td>Climate Finance such as GCF, NAMA Facility etc.</td>
<td></td>
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<tr>
<td></td>
<td>GEF</td>
<td>Development banks</td>
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<tr>
<td></td>
<td>Bilateral programmes</td>
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<td></td>
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<tr>
<td><strong>Market</strong></td>
<td>Technology introduction</td>
<td>Technology de-risking</td>
<td>Bankable product</td>
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<tr>
<td></td>
<td>Awareness raising &amp; capacity building</td>
<td>Proof of business models and finance schemes</td>
<td>Self sustained market</td>
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<tr>
<td></td>
<td>Demonstration &amp; piloting</td>
<td>Build-up of infrastructure</td>
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<tr>
<td></td>
<td>Development of business models and finance schemes</td>
<td>Change management</td>
<td></td>
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</tbody>
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**Legend:**
- **Grants**: National & international research programmes, Foundations, GEF, Bilateral programmes.
- **Commercial Lending**: Development banks, Commercial banks.