Manufacturers can easily monitor their energy consumption based on their monthly utility billings. However, understanding the energy efficiency of their machines and equipment still remains as a challenge.

To help companies implement Energy Efficiency Monitoring and Analysis System (E²MAS) to assess the equipment’s energy usage in real-time and identify hotspots of excessive energy usage. These hotspots can then be analysed to derive quantifiable energy improvement.

**DELIVERABLES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Consultancy</td>
<td>Setup &amp; Configuration Training &amp; On-site Implementation</td>
</tr>
</tbody>
</table>
| Hardware | 1 x tablet  
1 x notebook computer  
3 x power meters (with 100A current transducer, connectivity module and installation) |
| Software | 1 x E²MAS License  
1 X MS SQLServer (5 CAL) License |

**PRODUCTIVITY INDICATOR**

<table>
<thead>
<tr>
<th>Expected Improvement</th>
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<tbody>
<tr>
<td>Reduced energy consumption</td>
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<tr>
<td>Reduced reporting effort</td>
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</table>

**BENEFITS**

- Assess the equipment’s energy usage in real-time
- Understand where and how energy is consumed on your shop floor
- Identify hotspots of excessive energy usage
- Analyse hotspots to derive quantifiable energy improvement potentials
- One-click reporting

**TOTAL COST:** S$20,000 + GST  
$12,080 ESG funding for SME  
(Subject to Approval)

FOR SME ONLY

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