Bengaluru
India’s Silicon Valley
Bengaluru, often referred to as the Silicon Valley of India, is also an established headquarters to some of the largest public sector heavy engineering industries.

Over the last few decades, the city has marched ahead by leaps and bounds to emerge as a leader in a plethora of sectors, backed by a robust IT, R&D and startup ecosystem, its highly skilled workforce and amiable weather are two standout features.

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**STATE SNAPSHOT**

- **GSDP Growth (FY 18):** 10.1%
- **No. of Factories in State (FY 18):** 13,518; 7th Rank
- **Logistic Performance Index (2019):** 3rd Rank
- **3rd Rank; INR 742 Bn IEMs Implemented (Jan’14 – Dec’19)**
- **HDI Rank (2018):** 7th Rank
- **State’s contribution to India’s Exports (FY19):** 4th Rank, 12.7%
- **Karnataka contributes:**
  - 65% of Aerospace-related exports from India
  - 20% of national garment production
  - 3,500+ IT/ITES companies
  - 1/3rd of biotech exports from India
  - 20% of national garment production

**Headquarters to some of the largest Public Sector Undertakings of India**

Hindustan Aeronautics Limited (HAL), National Aerospace Laboratories (NAL), Indian Space Research Organisation (ISRO), Bharat Earth Movers Limited (BEML) among others

**Pioneer State in policy for niche segments**

- **Startup Policy**
- **AVGC Policy**
- **Electric Vehicle and Energy Storage Policy**
- **Dedicated Aerospace Policy**
WHY BENGALURU

Bengaluru contributes

- 70% of India’s chip designers work in Bengaluru
- 60% of India’s machine tools production in terms of value
- 30% of all IT start-ups in India

Startup capital of India: 3rd highest number of start-ups in the world & among the top 15 startup ecosystems in the world

Established vendor ecosystem: 2,000+ SMEs focused on component manufacturing, tooling and testing, equipment and assembling

Home to 535 IoT startups out of ~970 in India

Largest number of R&D centers in India: home to 400+ MNCs with global R&D centers

4th largest technological hub in the world & largest in Asia

Home to global R&D centers such as Texas Instruments, Mercedes Benz, Rolls Royce, Airbus, Boeing, ABB, Dell, GE, SAP, Adobe, Cisco, Honeywell etc.

Robust R&D & academic environment

Common instrumentation facilities: IBAB, GANIT Lab, CoE-IoT, Centre for Human Genetics, Centre for Nano Science & Engineering, IIT-B, Semi conductor measurement, analysis & reliability test lab, Central Manufacturing Technology Institute (applied R&D), Bengaluru Bioinnovation Centre, CCAMP

Knowledge and Skills Hub: 1,700+ public and private ITIs, 200+ engineering colleges, 400+ R&D institutes, 200+ polytechnics, 20+ universities, 325 Skill Development Centres

SECTOR SNAPSHOT

Prominent industrial areas for greenfield and secondary transactions

<table>
<thead>
<tr>
<th>Industrial Park</th>
<th>Total Area (Acre)</th>
<th>Major Occupiers</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narasapura - Kolar</td>
<td>701</td>
<td>Mahindra Aerospace, Honda, Scania, Wabron</td>
<td>Dedicated area for Automobile &amp; General Industries which include, Power, ESDM, etc. GSK has its largest greenfield tablet manufacturing facility.</td>
</tr>
<tr>
<td>Vemgal</td>
<td>666</td>
<td>GSK, TATA Power, Mitsubishi Electric</td>
<td></td>
</tr>
<tr>
<td>Haranallihalli (Phase I, II, III)</td>
<td>2.380</td>
<td>Upcoming</td>
<td>Multi-product industrial park.</td>
</tr>
<tr>
<td>Vasantha Narasapura (Phase II, III)</td>
<td>3.665</td>
<td>Wipro, Kirloskar Electrical</td>
<td>IT/ BT Precision &amp; Electronic Industries, Garments &amp; Food Processing, Chemicals, &amp; Other General Industries (Machine parts, Automobile industry, etc.).</td>
</tr>
<tr>
<td>Tumakuru Machine Tool Park</td>
<td>538</td>
<td>Upcoming</td>
<td>India’s 1st integrated machine tool industry park.</td>
</tr>
<tr>
<td>Japanese Industrial Park</td>
<td>521</td>
<td>Upcoming</td>
<td>Industrial cluster to facilitate OEMs and ancillary units with exclusive township-cum-industrial zone.</td>
</tr>
<tr>
<td>Tavarekere, Devanahalli</td>
<td>160</td>
<td>Upcoming</td>
<td>Part of Hardware Park, to be established by CDC &amp; will be accommodating 100 companies from Taiwan.</td>
</tr>
<tr>
<td>Sira Phase I</td>
<td>815</td>
<td>Upcoming</td>
<td>To be developed as model industrial layout through private sector participation.</td>
</tr>
<tr>
<td>Bengaluru Aerospace Park</td>
<td>732</td>
<td>Wipro, Tyco, Shell, ThyssenKrupp, Starrag India</td>
<td>Earmarked Zone for Aerospace Component Industries, IT Industries, Defence Industries.</td>
</tr>
<tr>
<td>Bengaluru Aerospace SEZ</td>
<td>252</td>
<td>Aerospace Common Finishing Facility, Dynamic Technologies Limited, Centum Electronics</td>
<td>In collaboration with US Aerospace Supplier Development Mission to India in order to introduce American companies to Indian joint venture groups.</td>
</tr>
<tr>
<td>Bengaluru Hardware Park</td>
<td>849</td>
<td>Readirink Technologies, OLEO India</td>
<td>Hard Ware Park, IT/ BT Park &amp; General Industrial Area.</td>
</tr>
<tr>
<td>Bidadi (Phase I, II)</td>
<td>1,498</td>
<td>Toyota, Bosch, Britannia, Coca Cola</td>
<td>Industrial area for automobiles, Heavy Engineering &amp; FMCG.</td>
</tr>
</tbody>
</table>

The major industrial corridors can be identified as along Tumkur Road, Hosur Road, Harohally – Narasapura – Vemgal and along Mysore Road – Bidadi. The land sales in these corridors range between INR 3,500 to INR 8,500 per sqm. The rates mentioned are indicative and may vary on other parameters as well.
The entrepreneurial spirit in Bengaluru is bolstered by several programmes and government initiatives. The city is home to thousands of start-ups looking to create digital solutions to support various sectors. Our R2 Data Labs housed in Bengaluru acts as an acceleration hub for data innovation, manufacturing and operational efficiencies.

- Rolls Royce

We are very excited to begin test batch production at our largest manufacturing facility in India in Vemgal, Kolar district, Karnataka. We have invested more than INR 1000 crores to build this state-of-the-art facility, which at its full utilisation, has the capacity to produce 9 billion tablets and capsules. Karnataka offers a right mix of socio-economic and political environment and has the infrastructure and skill base to pull investors.

- A. Vaidheesh, MD, GSK Pharmaceuticals Ltd