**Template for Tools Pages**

BEAM CORE, BEAM, HEVI-LOAD, Mobiliti, Synthfirm, ATLAS,

and Integrated Tools (GEMINI-XFC, Grid, AVs etc)

**Which Tool From the List Above is This Template For?**

**1) Overview**

Brief intro covering purpose, audience, and outcomes (2–3 sentences).

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**2) Core Capabilities for the Tool**

List 3–5 main functions with benefit-focused descriptions. (Capability description followed by a benefit statement)



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· *Example:* “HEVI‑LOAD estimates heavy‑duty EV charging demand for fleets and utilities, helping planners identify optimal depot sites and grid upgrades.”

**3) Potential Uses**

Bulleted list of possible real-world applications using content flow below:

* *Who benefits + decision supported*

· *Example:* “Utilities identifying locations for new EV charging stations based on an in-depth evaluation of grid upgrade cost, charging demand and vehicle types.”

**4) Example Impact Cases (Actual Cases)**

Each: 2–3 sentences with measurable outcome using content flow below:

* **Project/location** — Identify the problem address, the action taken, and describe the impact using a metric + timeframe.
  + **Include Visual** – data graph, process flow, or other visual

**5) How It Works**

High-level outline and/or diagram describing the data input, analysis process, and output/results.

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**6) Data & Technical Specs Description**

* **Data sources:** Key datasets
* **Update frequency:** e.g., Quarterly
* **Platform:** Web/desktop/API
* **Integration:** Other lab tools

**7) Research Staff**