# EM Explorer Track – Roadmap v0.4

## Overview

This roadmap outlines the development plan for the EM Explorer Track, version 0.4. It includes core visualization tools, export modules, and GUI scaffolds aligned with the EM Tools platform goals.

## Milestone Goals

* ✅ Geometry Mapper module (CBECC → IESVE) implemented
* ✅ HVAC System Mapper logic (CBECC → IESVE)
* ✅ Manual J Viewer prototype scaffolded
* ✅ EUI and GHG Viewer initial outputs tested
* ✅ GUI viewer framework v0.4 implemented using Streamlit
* 🔜 Dashboard export and scenario toggles
* 🔜 Scenario comparison UI integration
* 🔜 Time-series processor for load/EUI breakdowns

## Key Modules in v0.4

* geometry\_mapper.py
* system\_mapper.py
* manual\_j\_viewer.py
* eui\_ghg\_viewer.py
* streamlit\_app\_v0.4.py

## Planned Features in v0.5+

– Time-series viewer, comparison dashboard, ESG export report generator, schedule editor, and Radiance-based visualization support (daylighting + glare).