# **PSN Master Document**

*Project Summary & Navigation Index*

## **Project Overview**

**PSN (Personal Sustainability Network)** is a decentralized, modular approach to building self-reliant infrastructure. Each **Node** represents a physical site, and each Node can host one or more **Projects**. Projects are documented in Phases that move from concept to installation and operation.

This document serves as the **top-level navigation hub** for all PSN projects.

## **Current Projects**

### **Project 1: Ember Core (EC)**

**Summary:** Modular solar charging station designed for durability, accessibility, and scalability. Serves as a proof-of-concept for off-grid energy systems and as the first functional Node power source.

**Project Master Document:** [LINK TO [NODE-OC-01\_Ember-Core\_MasterDoc](https://docs.google.com/document/d/1WbaUUzqak_xkQnUPPqDZCOzTeTcaND58Zc8bX-1Zh68/edit?usp=sharing)]

### **Project 1: The Verdant Cell (VC)**

**Summary:** Build a modular, embedded environmental automation system within the motorcycle shed, focused on supporting a small hydroponic grow shelf. This is PSN Project 2, evolving from Ember Core’s solar backbone into micro-environment automation.

**Project Master Document:** [LINK TO [NODE-OC-02\_Verdant-Cell\_MasterDoc\_v1](https://docs.google.com/document/d/1uRI4ncTjVxitFhLFJXgX2rry-niYyPrD3eqHeSGJFuM/edit?usp=drive_link)]

### **Future Project Slots:**

*(Reserved for next project launches)*

* Project 2: Grow Wall (GW) – Vertical hydroponic system with optional AI advisory loop.
* Project 3: TBD

## **Supporting Resources**

* **PSN Documentation Standards:** [[LINK](https://drive.google.com/drive/folders/16Zuqh0bWGusoLMb6yXfJKkEAyHs7mdpy?usp=drive_link)]

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Once this PSN Master Doc is in place, **each Project Master Document** will follow the same style:

* Header
* Short summary of the project
* Phase 1, 2, 3 (etc.) quick descriptions + links to docs in each phase
* Maybe a small image to make scanning easier