

## **BL-SUS-E1-003 Earth-ONE Sustainability Playbook (Partial→Full)**

- **Domain:** SUS
- **Program:** E1
- **EVOL Target:** EVOL-00
- **Status:** Draft

**Short Description & Business Value** Translate theoretical self-sustainability models into a practical pathway for Earth ONE, defining recycling targets, module upgrades, and metrics that guide the transition from partial to full sustainability.

### **Acceptance Criteria**

- Target recycling rates for water, air, and nutrients
- Module roadmap (Bio-Regeneration v1→v2)
- Defined KPIs
- Metrics and telemetry plan

### **Dependencies / Cross-References**

- Chapter 7 Sustainability

### **Owner / Next Step / Target Date**

- **Owner:** TBD
- **Next Step:** KPI Set & Measurement Chain
- **Target Date:** TBD

### **Score & Risks**

- **Score:** TBD (RICE/WSJF)
- **Risks:** Technology maturation; resource availability