SunDAO Data Commons by Blockchain Power LLC

Incentivizing Solar Asset Data Transparency

Multi-agent coordination across the solar industry ecosystem:

1. Agents across industry supply data
2. Data inputs are stored
3. Data is processed and analyzed
4. Data output is made available to marketplace
5. Data customers across industry to purchase information

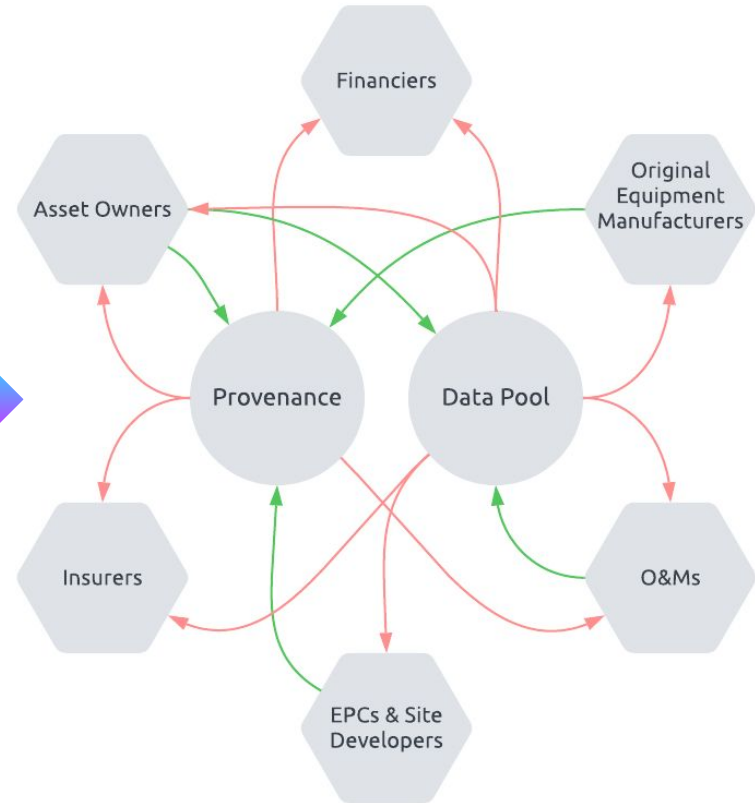| Supplier	Input	Process	Output	Customer
- OEM Provider - Utility Owner - Site Developer - Sensors & IoT	- Asset Specs Data - Installation Data - Behavioral Data - Operations & Maintenance Data	Analyse Operational Performance	Specs vs Performance Report	- OEM Provider - Utility Owner - Retail Owner - Financiers - Site Developer - EPC Provider
- OEM Provider - O&M Provider - Utility Owner - Retail Owner - Sensors & IoT	- Asset Spec Data - Behavioral Data - Operations & Maintenance Data	Manage Failure Modes	Failure Rates and Failure Points	- Utility Owner - Retail Owner - O&M Provider - Insurers
- Financier - O&M Provider - Utility Owner - Retail Owner - Sensors & IoT	- Financial Data - Behavioral Data	Valuate Assets	Valuation	- Utility Owner - Retail Owner - Financier
- O&M Provider - Utility Owner - Retail Owner - Sensors & IoT	- Behavioral Data - Operations & Maintenance Data	Report Asset History	Asset History	- O&M Provider
- O&M Provider - Sensor & IoT	- Operations & Maintenance Data - Production Data - Environmental Data	Analyse Operating Conditions	Operating Conditions Report	- Asset Owner
- O&M Provider - Sensor & IoT	- Operations & Maintenance Data - Production Data	Manage Operating Output	Operating Output	- Utility Owner
- Utility Owner - Retail Owner - Sensor & IoT	- Production Data	Manage Asset Support	Asset Support	- O&M Provider - Utility Owner - Financier - EPC Provider

Fig 1. Multi-agent coordination data chart

Fig 2. Multi-agent coordination solar ecosystem