



Construction Management Software



Solution Sheet: Renewables

How Vitruvi Helps Renewable Energy Companies Deliver Faster, Smarter Projects



Solution:

Vitruvi Construction Management Platform



Who We Help:

Project Managers, Construction Managers, Developers, EPCs, Field Supervisors, GIS Analysts



Industries We Serve:

Solar, Wind, Hydroelectric, EV charging, and more



CORE FUNCTIONALITY

Capability

Description



Geospatial Construction Management

Visualize project progress using GIS overlays tied to work packages, assets, and designs. Location-based planning, tracking, and execution.



Permitting Workflow Tracking

Assign, track, and document permitting tasks. Automate approvals and maintain a digital audit trail to reduce compliance risk.



Schedule & Milestone Management

Drag-and-drop Gantt interface with task dependencies and role-based assignments. Track status at the task, crew, or regional level.



Field Data Capture

Mobile tools for offline/online photo capture, redlining, asset updates, and digital forms. Eliminates paper-based processes.



CORE FUNCTIONALITY

Capability

Description



Document Version Control

Centralized, versioned repository for drawings, specs, and field instructions—integrated with GIS and scheduling.



Subcontractor Coordination

Assign and monitor external vendor tasks. Centralized communication reduces delays, scope confusion, and rework.



As-Built & Turnover Management






Auto-generate accurate as-built records and closeout documentation aligned with asset location and field activity.



API & System Integration

REST API and ESRI-compatible GIS integrations enable connection to ERP, CRM, and project control systems.

RESULTS ACHIEVED

Impact Area	Outcome
 Deployment Speed	Reduction in time-to-service on renewable infrastructure projects
 Documentation Accuracy	Fewer errors and delays thanks to real-time field data collection and version-controlled documents
 Regulatory Compliance	Built-in permitting workflows and digital records ensure audit readiness and funding eligibility
 Stakeholder Coordination	Shared progress views across internal and external teams ensure alignment and accountability
 Workforce Efficiency	Reduced downtime and fewer truck rolls through mobile coordination and integrated scheduling

TECHNICAL SPECIFICATIONS

- **Platform Delivery:** SaaS (cloud-hosted)
- **Devices Supported:** Web, iOS, Android
- **Offline Capability:** Yes – syncs when reconnected
- **Security:** SOC 1 compliant, granular role-based access control
- **Typical Implementation:** Varies depending on project complexity, but typically 6–10 weeks with Vitruvi support team
- **Support Model:** Dedicated onboarding, training, and U.S.-based support


COMMON RENEWABLE WORKFLOWS SUPPORTED

- Site acquisition and permitting
- Civil, structural, and electrical work tracking
- Installation of solar arrays, turbines, and generation equipment
- Interconnection, substation, and grid tie-in
- QA/QC, commissioning, and digital closeout packages

Learn more or schedule a demo:

 vitruvisoftware.com/renewables

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