From weld to report
traceable, fast, and effortless.

The contract-ready platform that connects welders, NDT technicians, QA teams, and equipment in one seamless flow — built for renewable fabrication projects.

weldflow

Production in renewables is advancing – but the traceability isn't.

Fabrication yards and NDT providers still rely on paper route cards, Excel sheets, and manual sign-offs to manage thousands of welds and inspections. Each contract brings the same pain points:

Duplicate work: Welders and NDT techs record the same data twice.

Unverified equipment use: Calibration certificates go missing or expire unnoticed.

Delays & confusion: Tests miss readiness windows; reports lag behind production.

Zero visibility: QA teams can't see live progress or defect trends.

Audit stress: Traceability across welds, inspectors, and equipment is fragmented.

Impact:
Lost hours, compliance risk, rework costs, and stalled progress.

WeldFlow eliminates that friction: digitizing weld, test, and equipment data in one connected, compliant workflow.

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Renewable fabrication is scaling faster than QA systems can keep up.

Monopile, tower, and jacket fabrication is booming - each project requiring complete weld, test, and equipment traceability. Yet most data still lives on clipboards and spreadsheets. Every missing record or unverified calibration increases cost, delay, and audit risk.

That's where WeldFlow fits:

✓ A plug-and-play SaaS that connects welders, testers, and QA teams from day one.

✓ Designed for short-to-mid-term contracts — fast to deploy, easy to run, no IT overhaul.

✓ Meets UK/EU compliance standards, now with full equipment and calibration verification built in.

The opportunity: Help renewable fabrication companies modernize quality control — connecting people, process, and proof in days, not months.

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WeldFlow digitizes weld, NDT, and equipment traceability - end to end.

A contract-ready SaaS workspace where welders, NDT technicians, and project teams work from one live dataset.

How it works:

✓ **Weld capture:** Welders scan QR codes, log welds, attach photos, and record process/time data.

✓ **Equipment scan:** Each Welder / NDT operator scans their tool or instrument — automatically linking it to calibration records and their user ID.

✓ **Smart handoffs:** After a configurable period (e.g., 48 h), WeldFlow alerts NDT testers; if one's busy, another certified user is auto-assigned.

✓ **Dual–brand reporting:** One dataset, two branded exports - fabricator + NDT.

✓ **Live insights:** KPI dashboards show defect rates, turnaround times, and equipment usage trends in real time.

Result: A 100 % verified audit trail:
From operator > equipment > calibration > inspection > report.

How WeldFlow Works

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Welders

1 Weld capture
Welders scan QR codes, log welds, attach photos, and record process/time data.

2 Equipment capture
operator scans their tool or instrument - automatically linking it to calibration records and their user ID.

3 Smart handoffs
After a configurable period (e.g., 48 h), WeldFlow alerts NDT testers; if one's busy, another certified user is auto-assigned.

Real-Time KPIs & Dashboards

Mobile & Tablet-Friendly

Role-Based Access

Dual-Brand Exports

1 NDT Reporting
log inspection results (VT/MT/PT/UT/TOFD/PAUT), attach photos, record test equipment - with calibration included.

2 Smart handoffs
If repair detected auto assign welder / grinder to attend to situation

3 Compliance ready
Aligned with ISO 3834 & EN 1090, with calibration verification and traceable evidence packs.

NDT Techs

How It Works

One connected workflow
- from weld to report.

1 **Contract Setup**

Configure your project space: part IDs, weld IDs, user roles, equipment library, and dual branding. Ready to capture data in days.

2 **Weld Capture**

Welders scan QR codes, log weld details, and select or scan their assigned equipment. Each weld automatically links to part, process, and calibrated tool.

2 **Smart Handoffs**

After a defined interval (e.g., 48 h), NDT testers are notified. Busy? Another certified tech is auto-assigned - keeping production moving.

1 **NDT Reporting**

Technicians log inspection results (VT/MT/PT/UT/TOFD/PAUT), attach photos, and record their test equipment - with calibration reference included.

2 **Dual-Brand Exports & KPIs**

One click generates branded Excel or PDF packs for both companies, including operator and equipment data. Dashboards visualize defect rates, turnaround times, and tool utilization.

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Purpose-built for weld, NDT, and equipment traceability - fast to deploy, easy to trust.

Contract-Ready Setup

Preconfigured IDs, roles, and equipment libraries — start in days.

QR-Based Weld & Equipment Capture

Operators scan tools, log welds/tests, and attach images Every entry links user, part, and calibrated equipment.

Equipment & Calibration Tracking

Upload certificates, track expiry dates, and block uncalibrated tools from use. Reports auto-populate with equipment and calibration data for each record.

Smart Handoffs & Timers

Custom wait windows (e.g., 48 h) with auto-assign logic. Never miss an inspection again.

Dual-Brand Reporting

Fabricator + NDT branding on a single dataset — zero duplication.

Real-Time KPIs & Dashboards

Defects, turnaround, first-pass yield, equipment usage, and more.

Role-Based Access

Controlled visibility for welders, NDT techs, QA, and clients.

Mobile & Tablet-Friendly

Capture on-site with or without connectivity; optional device kits available.

Compliance Ready

Aligned with ISO 3834 & EN 1090, with calibration verification and traceable evidence packs.

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Product Demo: From Weld to Report

A single connected flow — built for how teams actually work.

Weld Capture (Shop Floor)

Welder scans equipment QR > logs weld > adds photo.

All data (operator, tool, part, WPS) saved instantly.

Timed Trigger (Handoff)

After 48 h, NDT notified.

Busy? Auto-assign to next certified tech.

NDT Recording (Inspection)

Tester logs method, result, photo, and equipment ID.

Calibration validity verified automatically.

Live KPIs

Supervisors view real-time dashboards for defect trends, turnaround, and tool usage.

Dual-Brand Export (Client Handover)

One click > Excel/PDF packs for both companies, including welds, tests, and tools used.

From weld and tool scan to client report — WeldFlow makes every step faster, clearer, and fully traceable.

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Renewables are booming — QA systems aren't.

Expanding Market

Offshore/onshore wind fabrication > 12 % annual growth (UK & EU).

Each project = tens of thousands of welds, tests, and calibrated tools.

Digital traceability now required by major EPCs and OEMs.

Pain Point

Manual data tracking + lost calibration records = delays, rework, audit risk.

Opportunity

WeldFlow delivers the missing link — fast, affordable, and equipment-inclusive digital QA for renewable fabrication.

Initial Focus: UK / EU monopile & tower yards + NDT partners.

Market: 200–300 active partnerships.

Typical Value: £10–20 K ARR per site.

Expansion: Offshore infra, shipbuilding, heavy fabrication.

Timing: Renewables are scaling now – compliance expectations rising now – and WeldFlow is nearly ready.

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Simple. Scalable. Built for Real Contracts.

1 **Subscription Model**

Monthly, user-based pricing (welders + NDT).

Includes access, dashboards, updates, and calibration tracking.

2 **Setup & Onboarding**

Fixed setup per contract — admin, IDs, forms, branding, and equipment library.

Ready to deploy in days.

3 **Per-Part Add-On**

Flexible pricing for large assemblies (monopiles, towers) or bundles of small parts.

4 **Optional Add-Ons**

Tablet kits, custom KPIs, API integrations, and on-site support.

5 **Rolling Contracts**

Month-to-month alignment with project durations (6–24 months typical).

WeldFlow's pricing flexes with your contract — pay for the people and parts you need, for as long as you need them.

Go-to-Market Strategy

Start small. Prove fast. Scale through partnerships.

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1 **Phase 1 — Direct Pilots**

Target UK/EU fabrication yards.

30–60 day pilots proving admin reduction and calibration traceability.

Goal: measurable ROI within 14 days of setup.

2 **NDT Partnerships**

Partner with inspection providers working across multiple sites.

They offer WeldFlow to clients with their own branding.

Goal: recurring partner revenue.

3 **Visibility & Scale**

Case studies, trade expos (WindEurope, Offshore UK), and targeted digital campaigns.

Goal: position WeldFlow as the default QA workflow for renewables.

4 **Future Channels**

Integrations with ERP/QA tools, collaborations with calibration providers, and expansion into heavy fabrication.

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Built in focused phases — each delivering clear client value.

Phase 1 — MVP (Now)

Core weld + NDT capture

QR-based equipment tracking

Configurable timers & auto-reassign

Dual-brand exports

KPI dashboards

ISO 3834 / EN 1090 standards pack

Phase 2 — Enhancement (6–9 mo)

NCR / 8D workflow

Offline mode + sync

Auto "Evidence Packs" per part/monopile

Calibration expiry alerts

Client viewer links (read-only)

Phase 3 — Intelligence (Future)

Defect pattern detection

Equipment performance analytics

WPS/WPQR vault

API / ERP integration

From simple capture to intelligent insight — WeldFlow grows with every weld and every tool you use.

Built in focused phases — each delivering clear client value.

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Current Stage

MVP in production testing

Equipment tracking live in prototype

Admin and reporting modules complete

Pilot Goals

60 % admin reduction

30 % faster NDT turnaround

100 % weld + equipment traceability

Zero duplicate entry

Target Pilots

UK monopile yard – full workflow

EU NDT provider – dual-brand export

UK tower fab – KPI dashboard validation

Pipeline

Interest from renewable fabricators & independent NDT firms.

Exploring tablet-in-the-box deployment model.

Early adopters aren't just testing software – they're defining the new standard of digital QA in renewables.

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The Team & The Ask

Hands-on fabrication & NDT experience - a decade in weld, test, and QA environments. Backed by SaaS design expertise - turning field data into effortless digital systems.

Our Vision

To become the default platform for weld, NDT, and equipment traceability in renewable fabrication — helping teams move from paper to proof in days.

We're Looking For

1. Pilot Partners – 30–60 day contract digitization pilots.
2. Advisors / Investors – expertise in renewables, QA, SaaS scale.
3. Collaborators – OEMs & equipment suppliers for co-certification or calibration integrations.

The Ask

Join us to take WeldFlow from proven concept to industry standard. Be part of building traceable, efficient, equipment-verified production for renewables.

WeldFlow – from weld to report, with equipment proof built in.

From weld to report
traceable, fast, and effortless.

Built for Fabricators. Trusted by Testers. Ready for Renewables.

WeldFlow turns complex, paper-heavy weld, NDT, and equipment tracking into one simple digital flow - faster reporting, cleaner data, and complete traceability on every contract.

Let's build smarter fabrication together.

Contact Us

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