

P E R M A N E N T - M A G N E T E N E R G Y • I N T E R N A L

Kinterrella

A dual-rotor permanent-magnet generator: the invention, its IP, and the single measurement that decides the venture.

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STATUS

INTERNAL – IP HOLDERS & PARTNERS

KINTERRELLA LIMITED

DECENT.PARTNERS

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Executive summary

Kinterrella is a permanent-magnet energy-generation invention and the company built around it. At its core is a dual-rotor synchronised permanent-magnet machine (working name across the project: *Lodestone*) intended to convert magnetic forces into continuous rotational motion, and from there into usable electrical energy, with minimal external energy input.

Kinterrella Limited is the company — set up by Richard, Frode and Derek to hold and manage the IP. **Kinetica Ingenieria (the family)** develops the technology from that IP. **Decent Partners coordinates** the project.

Ownership and roles are clear: **Frode, Derek and Richard control the IP alongside the family**; Kinetica Ingenieria builds and refines the machine from that IP; Decent Partners coordinates the work and patent maintenance. All legal costs incurred to date have been paid.

The honest position today: the invention is credible enough to have been patented and built as a proof-of-concept, and the project lives or dies on one question — **can a measurable, useful net energy output be demonstrated?** Everything else — the company, the route to market — is downstream of resolving that.

The invention

2.1 Principle of operation

Per the project whitepaper, the machine is built from two key components:

- **Magnetic blocks** — groups of permanent magnets of varying strength, size and polarity, arranged to create an imbalance in the magnetic field.
- **Dual-rotor system** — two independently rotating discs, each carrying a magnetic block, **synchronised to prevent magnetic locking** and to generate rotational impulses.

A minimal electrical input drives intermittent movement of one rotor, which (per the design intent) sustains continuous motion. That motion is converted to electricity by electromagnetic induction.

2.2 Claimed advantages

- **Sustainability** — relies on permanent magnets with minimal external energy input.
- **Scalability** — modular design for deployment across different environments.
- **Efficiency** — converts magnetic force to usable energy (claimed high efficiency).

2.3 Proof-of-concept status and the two hard problems

The PoC exists. From the project's own working notes, two engineering problems are the gating items between PoC and a demonstrable, useful output:

1. **Measuring the output (the torque problem).** The instruments used to measure torque themselves use permanent magnets, which are interfered with by the machine's own magnets. This makes a clean, credible measurement of power output difficult — and a clean measurement is precisely what the whole project needs.
2. **Converting low-RPM motion into usable energy.** The machine produces low-RPM mechanical motion. Stepping that up (via gearing) to the ~1,500 RPM a diesel-generator-class alternator wants introduces energy loss. One candidate approach has been identified (a referenced technique Frode reviewed and considered viable); next steps on it were open at the time of writing.

These are not abstract risks — they are the named, concrete blockers in the team's own to-do list. Resolving #1 is arguably the single highest-leverage action available: a clean, independently credible power measurement converts the project from "claim" to "result."

*The decisive evidence is a credible,
repeatable measurement of net output – not
a theoretical argument. Get the
measurement right and the framing follows.*

A note on scientific framing: a permanent-magnet machine that produces net usable energy invites the obvious objection from thermodynamics. The project has explored framings for this (including Wolfram's computational reading of the second law). For the purposes of this report that debate is secondary — without a clean measurement, no framing helps.

IP position

3.1 The patent

The invention is protected by a European patent, prosecuted by **Potter Clarkson** (patent attorneys), with oral proceedings held online in 2021. **All legal costs associated with the prosecution have been paid.**

Confirm the patent's current standing with Potter Clarkson before any external conversation relies on it – this is ongoing maintenance, not an outstanding bill.

The verification items are the outcome of the oral proceedings, the subsequent renewal years, and the next renewal deadline. A lapsed patent would materially change the IP / trade-secret balance below.

3.2 Patent vs trade secret

The team's stated IP strategy is deliberately two-track:

- **Patent** — for traditional, public-record protection.
- **Trade secrets** — held separately from the patent, as something the venture could **license to approved suppliers**. This is the more commercially flexible lever and sits well with a decentralised scaling model.

3.3 Who holds what

- **IP control:** Frode, Derek and Richard, alongside the family.
- **Development:** Kinetica Ingenieria (the family) builds and refines the machine from the IP. One family member is a mechanical engineer with a PhD — the core technical capability sits here.
- **A translation / bridging need** is explicitly noted: technical translation between the family (Spanish-speaking, engineering-led) and the wider team is a real, recurring coordination item.

Team, company and coordination

ROLE	WHO
IP holders	Frode Aschim, Derek Gannon, Richard Welsh (alongside the family)
Technology development	Kinetica Ingenieria (the family; incl. a mechanical engineer, PhD)
Company	Kinterrella Limited — holds and manages the IP
Coordination	Decent Partners
Technical review	Pablo (recruited to review the project; may still be involved)
Legal	Javier Triay (deceased — see §5)
Patent attorneys	Potter Clarkson

Corporate. Kinterrella Limited is the company, set up by Richard, Frode and Derek to hold and manage the IP. *Lodestone* is used internally as the working name for the machine. A UK location for the machine was still to be confirmed.

Independent review. Pablo was recruited to review the project and may still be involved. He is the natural point of contact for an independent technical read on the measurement and conversion problems in §2.3.

The Javier Triay thread

Javier Triay — who acted as the project's legal counsel and **held shares in Kinterrella** — has died. This opens a discrete, near-term thread of work:

- **Shareholding.** Establish how Javier's shareholding is dealt with through his estate, and what that means for Kinterrella's cap table. This should be handled deliberately and with the estate's representatives.
- **Legal continuity.** Re-confirm where the project's legal file now sits and who picks up the relationship Javier held — including the live link to Potter Clarkson on patent matters.

This is owned by the IP holders — Richard, Frode and Derek — with Decent Partners coordinating.

Open decisions and risks

1. **Measurement (highest priority).** Solve the torque-measurement interference problem and obtain a clean, ideally independent, power-output figure. This is the project's crux. Until it's done, everything else is on hold by definition.
2. **Energy conversion.** Validate the low-RPM → usable-energy step and quantify the losses through gearing. Pursue the candidate approach Frode flagged as viable; define and cost the next experiment. Pablo is well-placed to review both this and the measurement problem.
3. **Patent maintenance & current standing.** Re-establish exactly where the patent sits now (post-2021 renewals, oral-proceedings outcome). A lapsed patent would materially change the IP / trade-secret balance.
4. **Javier Triay's shareholding.** Resolve the estate / shareholding thread (§5) so the cap table and legal relationship are clear before any external conversation.
5. **Credibility.** Any "free energy / over-unity" claim attracts justified skepticism. The mitigation is evidence, not argument: a measured result, ideally witnessed / independently instrumented. Frame conservatively until then.
6. **Corporate & IP housekeeping.** Formalise how IP (patent + trade secrets) is held within Kinterrella Limited between Frode, Derek, Richard and the family, and confirm how Kinetica's development role is recognised in the structure.

Recommended next steps

1. **Define the measurement experiment.** Agree with Kinetica a method that sidesteps magnetic interference in torque measurement (e.g. non-magnetic dynamometry / optical or electrical-load methods), with a target output figure and a witnessed protocol.
2. **Confirm patent status** with Potter Clarkson; record the current renewal year and next deadline.
3. **Resolve the Javier Triay thread.** Engage his estate on the shareholding and re-establish legal continuity.
4. **Engage Pablo** for an independent technical review of the measurement and conversion problems, if he remains available.
5. **Single owner per workstream** — measurement (Kinetica + Frode), IP / legal (Derek + Potter Clarkson), corporate & coordination (Richard / Decent Partners) — with a short monthly check-in.

Sources & references

This report consolidates the project's own documents held in Decent Partners' Google Drive: the Kinterrella whitepaper and the *Lodestone working document* (challenges & to-dos). Where figures are dated (notably 2021 patent activity), they are reported as found and flagged for re-confirmation.