REPAIRABLE BY DESIGN

Fixed with a butter knife.

Plug-and-play modularity: at the kitchen table, pop a part out with a **butter knife**, click a new one in, and away it flies — no problem. It's **open and easy to reverse-engineer** on purpose, so anyone can repair it; the **core inventive steps are protected by Irish patents**, so the profit stays with the Irish people.

Plug & play	Open	Patented	Uptime
SWAP A MODULE, FLY	REPAIRABLE BY ANYONE	CORE STEPS PROTECTED	MINUTES, NOT WEEKS

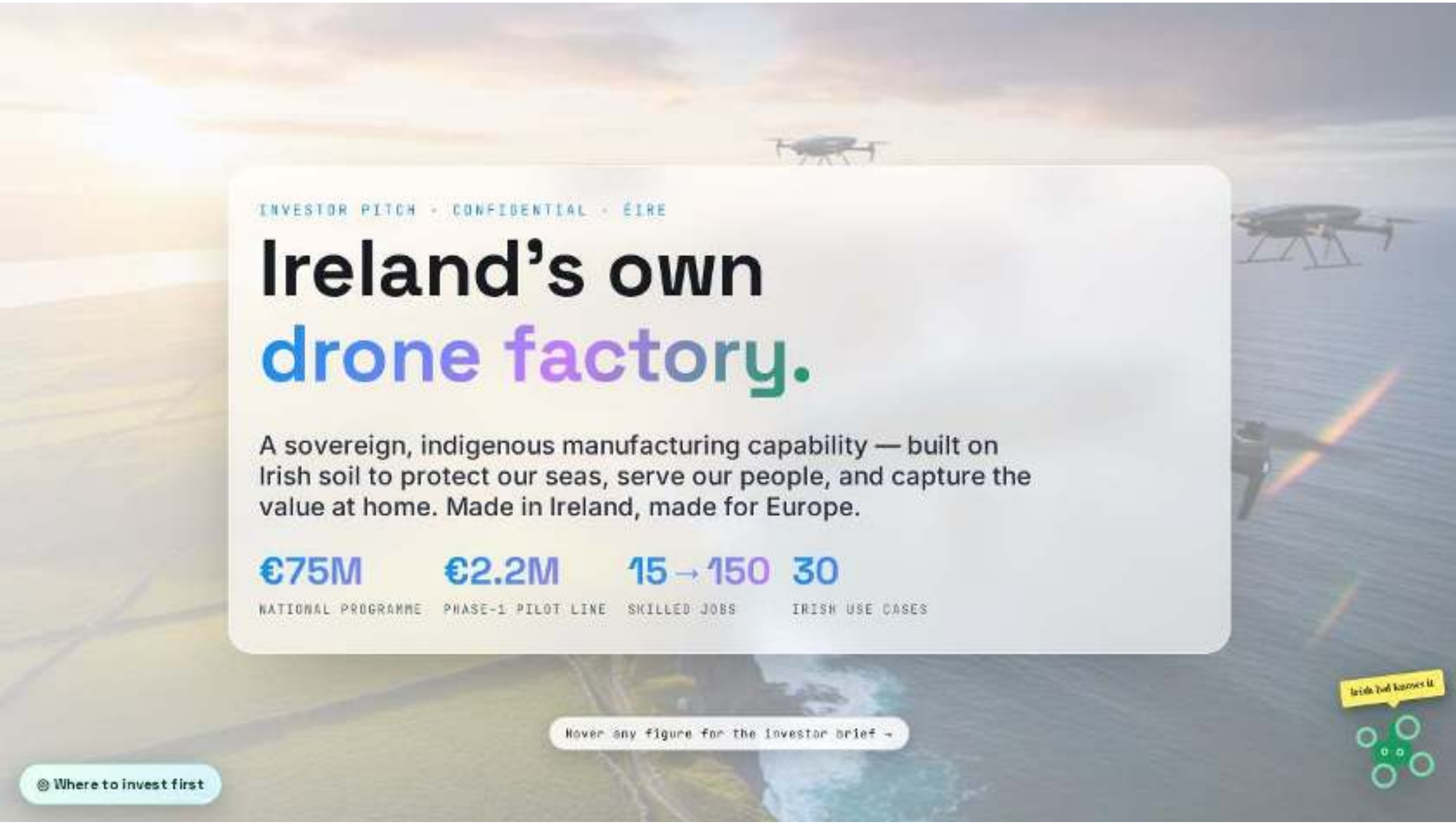
Open, repairable architecture; key inventive steps protected by Irish patents (pending). "Reverse-engineerable" means serviceable by owners — not that the IP is unprotected.

> For every household — **a drone you can actually fix yourself, owned by the nation, protected for the nation.**

Hover any figure for the investor brief →

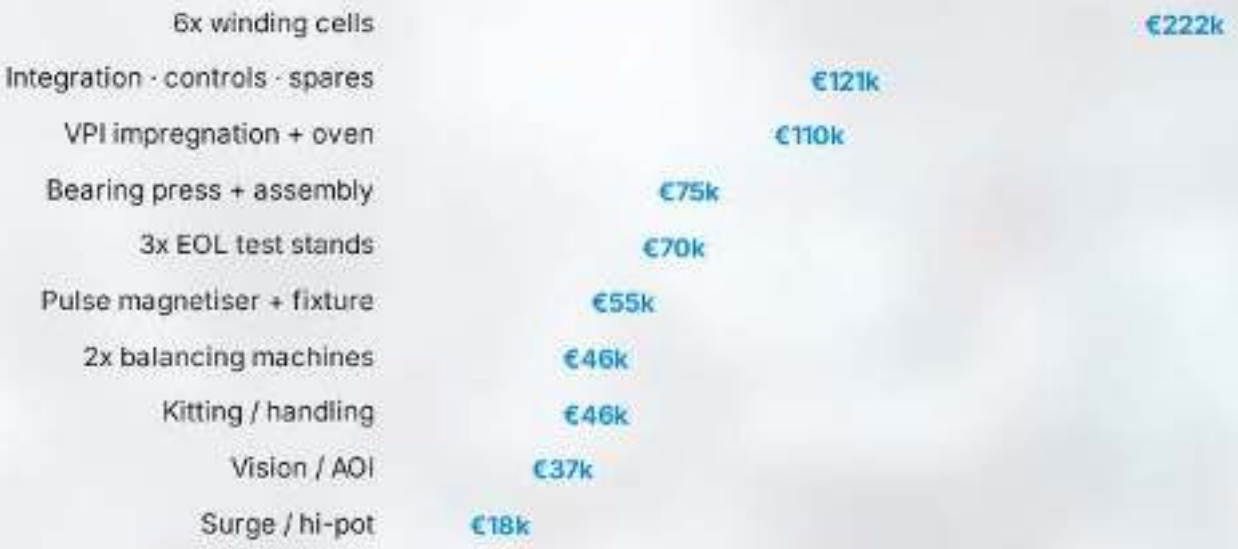
irish hal knows it

◎ Where to invest first


INVESTOR PITCH · CONFIDENTIAL · ÉIRE
Ireland's own
drone factory.
A sovereign, indigenous manufacturing capability — built on Irish soil to protect our seas, serve our people, and capture the value at home. Made in Ireland, made for Europe.
€75M
NATIONAL PROGRAMME
€2.2M
PHASE-1 PILOT LINE
15 → 150
SKILLED JOBS
30
IRISH USE CASES
Hover any figure for the investor brief →
Where to invest first

REAL MACHINES · REAL PRICES

One line, ~€800k of machines.



Equipment ≈ €800k. With fit-out of a leased Údarás unit (€250k), first inventory & working capital (€650k) and a certification/contingency share (€500k), an all-in line is **~€2.2M**.

€800k	€2.2M	300/hr	weeks

◎ Where to invest first


THE €75M · TO THE EURO
Capital follows proof, not promises.
€2.2M
PHASE 1 — PROVE (1 LINE)
€30M
PHASE 2 — SCALE (8 LINES)
€42.8M
PHASE 3 — MOAT & FRONTIER
€75M
NATIONAL CAPABILITY
Each phase unlocks the next only once it has paid out: a costed pilot line, then multi-line scale, then the R&D and electronics frontier. Every euro below is traced to a machine, a building, a job or an order.
Phased programme · all figures modelled, to be validated against final quotes. Full model → /pitch/financials/
Where to invest first

THE RAISE · PHASED TO €75M

A €75M programme, built in phases.

Phase 1 proves the line for **~€2.2M**. The full **€75M** scales it to a national capability — multiple lines, magnet-free & amphibious R&D, and an export-ready fleet. Indigenous Irish grants form the non-dilutive base (Enterprise Ireland + Údarás na Gaeltachta — we qualify as a High Potential Start-Up); equity, EU and strategic capital scale it.

Non-dilutive Irish grants — HPSU · Údarás · Smart Regions · WDC — base

HPSU feasibility €30k · Údarás capital+employment · Smart Regions (€30.4M fund) · WDC €500k–1M

Innovative HPSU Fund + seed / Series-A equity — €0.8–1.2M+

EI co-funded equity, matched by private investors

Strategic & industrial investors — scale equity

the bulk of the €75M — partners who buy the sovereign-supply tools

EU dual-use & EDF R&D programmes — R&D

magnet-free + amphibious development, as an EU consortium partner

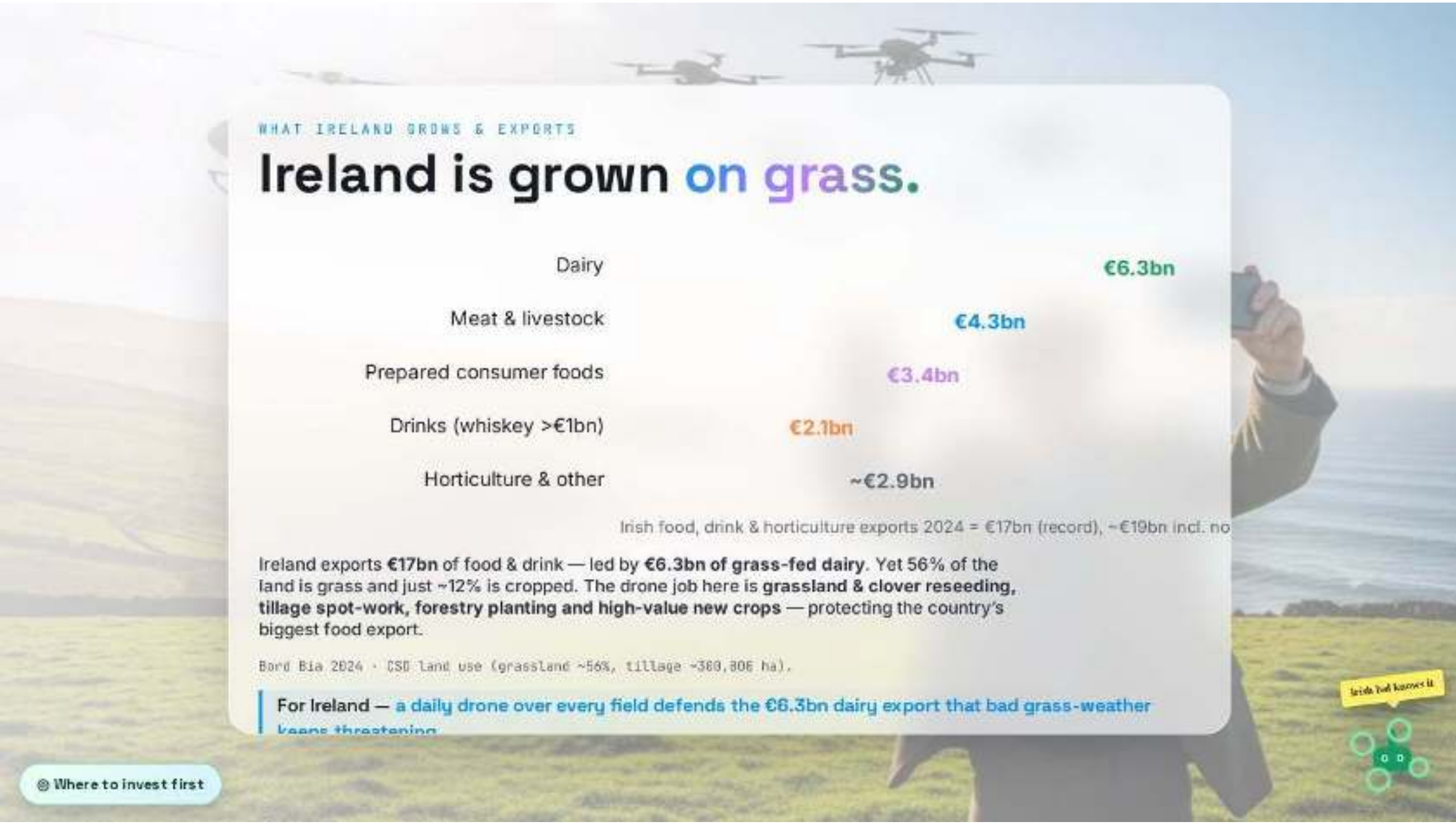
Debt & asset finance — plant

buildings, machines & working capital against confirmed orders

Phase 1 ~€2.2M (modelled) → €75M programme. Enterprise Ireland · Údarás na Gaeltachta · NWRA · WDC · EU/EDF, 2026.
Full model →

Indigenous grants first (non-dilutive); equity, EU and strategic capital scale to €75M. Figures modelled — to be set with advisers.

Where to invest first


WHAT IRELAND GROWS & EXPORTS
Ireland is grown on grass.
Dairy
€6.3bn
Meat & livestock
€4.3bn
Prepared consumer foods
€3.4bn
Drinks (whiskey >€1bn)
€2.1bn
Horticulture & other
~€2.9bn
Irish food, drink & horticulture exports 2024 = €17bn (record), ~€19bn incl. no
Ireland exports €17bn of food & drink — led by €6.3bn of grass-fed dairy. Yet 56% of the land is grass and just ~12% is cropped. The drone job here is grassland & clover reseeding, tillage spot-work, forestry planting and high-value new crops — protecting the country's biggest food export.
Bord Bia 2024 · CSO land use (grassland ~56%, tillage ~360,806 ha).
For Ireland — a daily drone over every field defends the €6.3bn dairy export that bad grass-weather keeps threatening
Where to invest first

5-YEAR PROJECTION · ILLUSTRATIVE

Margin compounds with scale.

Drivers: own-the-motor margin × 1-operator:30-machines × multi-line scale × export pull. Conservative on price, aggressive on efficiency.

Every number modelled, to be validated against final quotes — not a forecast or a guarantee.

Where to invest first

PROPRIETARY IRISH IP · OVERCAML PRIOR-ART DUE DILIGENCE EXAMINER-CHECKED

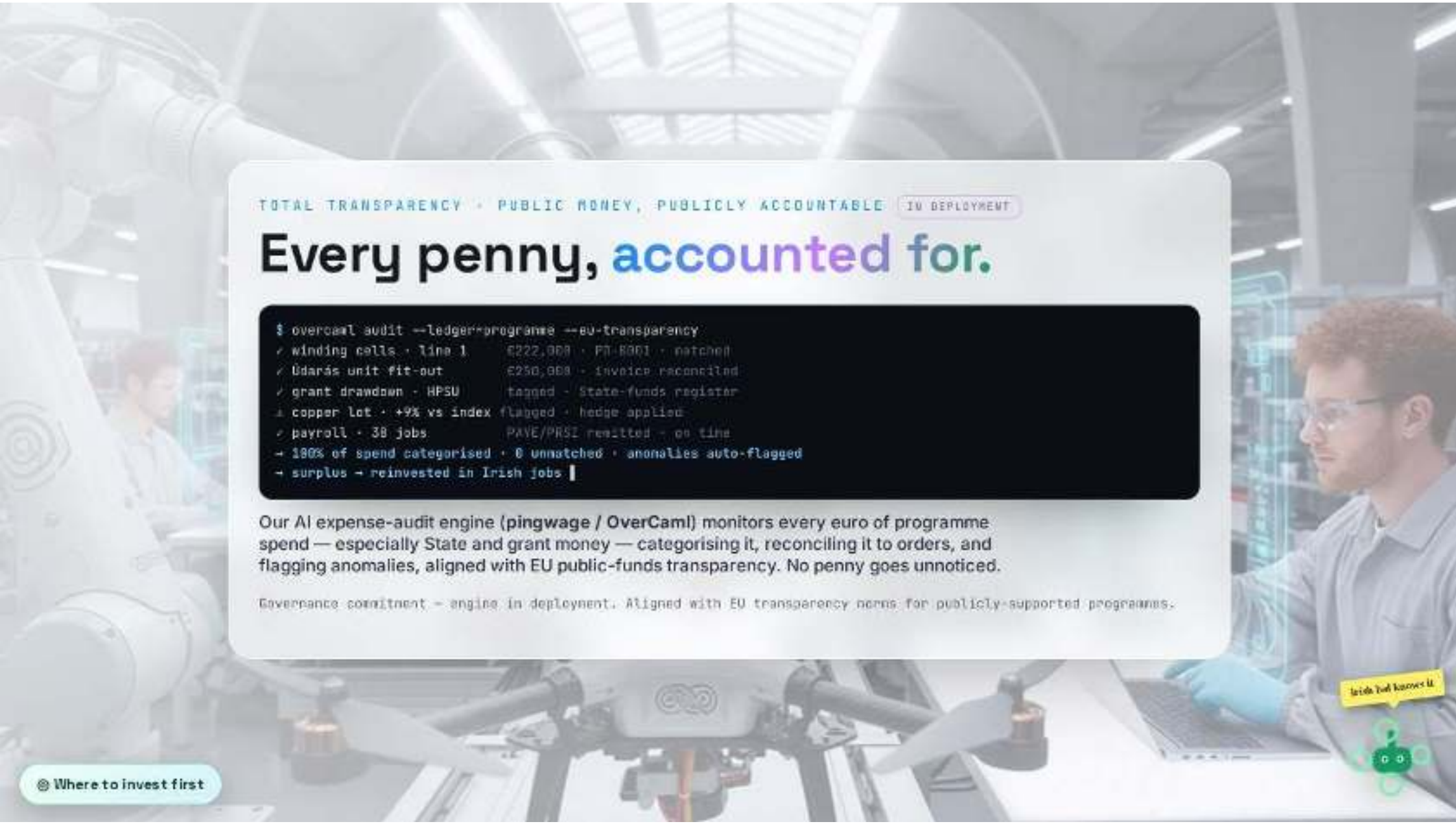
Narrowed to a novel core.

5 attorney-review filing candidates: each claim was narrowed against Irish and worldwide prior art across multiple design-around waves, until a skeptical adversarial examiner panel found no single anticipating reference. Hover any patent to read its claim, what distinguishes it, and the residual risk an attorney must still assess.

Inventors: Nathaniel Timmis · Michael Gerard Lynch

Method and Apparatus for Closed-Loop Adaptive Needle Winding of Brushless Drone-Motor Stators with In-Line Fill-Factor Verification	EXAMINER-NOVEL
Salt-Fog-Resistant Permanent-Magnet Rotor Assembly with Encapsulated Magnet Retention for Marine Unmanned Aerial Vehicles	EXAMINER-NOVEL
Gust-Anticipating Field-Oriented Motor Controller Using Airframe-Mounted Differential Pressure Sensing for Maritime Drones	EXAMINER-NOVEL

Where to invest first


TOTAL TRANSPARENCY · PUBLIC MONEY, PUBLICLY ACCOUNTABLE
IN DEPLOYMENT
Every penny, accounted for.
$ overcaml audit --ledger programme --eu-transparency
✓ winding coils · line 1 €222,000 · PO-8001 · matched
✓ Údarás unit fit-out €250,000 · invoice reconciled
✓ grant drawdown · HPSU tagged · State-funds register
⚠ copper lot · +9% vs index flagged · hedge applied
✓ payroll · 38 jobs PAYE/PRSI remitted · on time
→ 100% of spend categorised · 0 unmatched · anomalies auto-flagged
→ surplus → reinvested in Irish jobs
Our AI expense-audit engine (pingwage / OverCaml) monitors every euro of programme spend — especially State and grant money — categorising it, reconciling it to orders, and flagging anomalies, aligned with EU public-funds transparency. No penny goes unnoticed.
Governance commitment — engine in deployment. Aligned with EU transparency norms for publicly-supported programmes.
Where to invest first

A DRONE FOR EVERY TRACTOR

It rides shotgun.

The drone doesn't replace the tractor — it complements it. While the tractor does the heavy ground work, the drone flies the field **every day**, sends the farmer a **live crop-health map**, catches stress **two weeks before it shows**, and spot-treats or seeds what the tractor can't reach — at a third of the cost and no soil compaction.

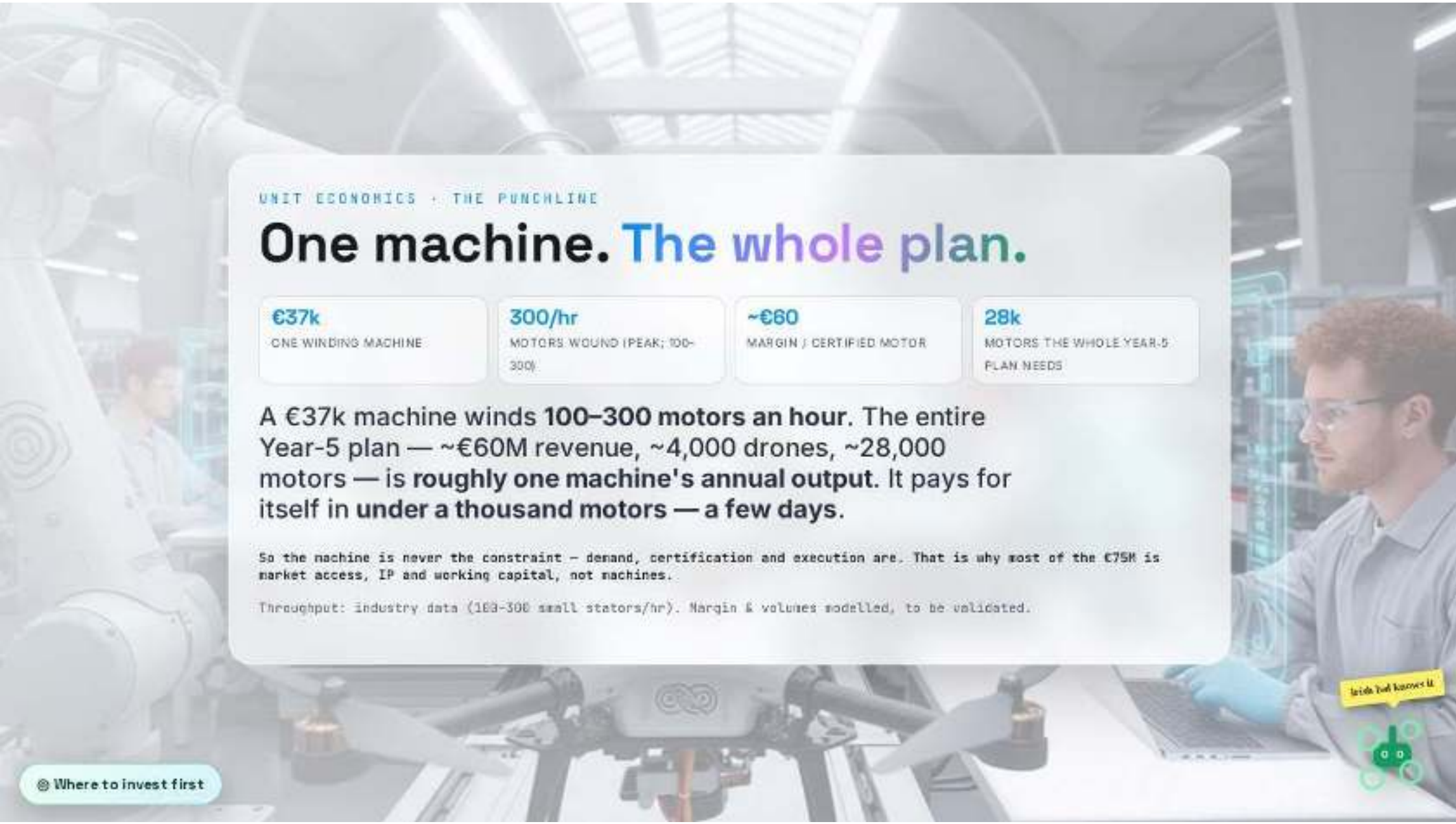
~$5/ac	20–30%	+5–10%	1 season
DRONE VS ~$15/AC TRACTOR	LESS CHEMICAL	YIELD (NO COMPACTION)	PAYBACK

We **lend a hand**: finance it like a tractor, or sell it as a service — hardware plus a **daily-visuals subscription**. For the farmer, lower inputs and higher yield; for drones.irish, a sale **and** recurring monthly revenue per farm.

Drone $5–9/ac vs tractor ~$15/ac; capex ~$30–48k vs ~$500k; multispectral NDVI 2-week early warning. Industry data, modelled.

> **Commercially —** every Irish farm becomes a hardware sale plus a recurring daily-monitoring subscription.

Where to invest first



UNIT ECONOMICS · THE PUNCHLINE

One machine. The whole plan.

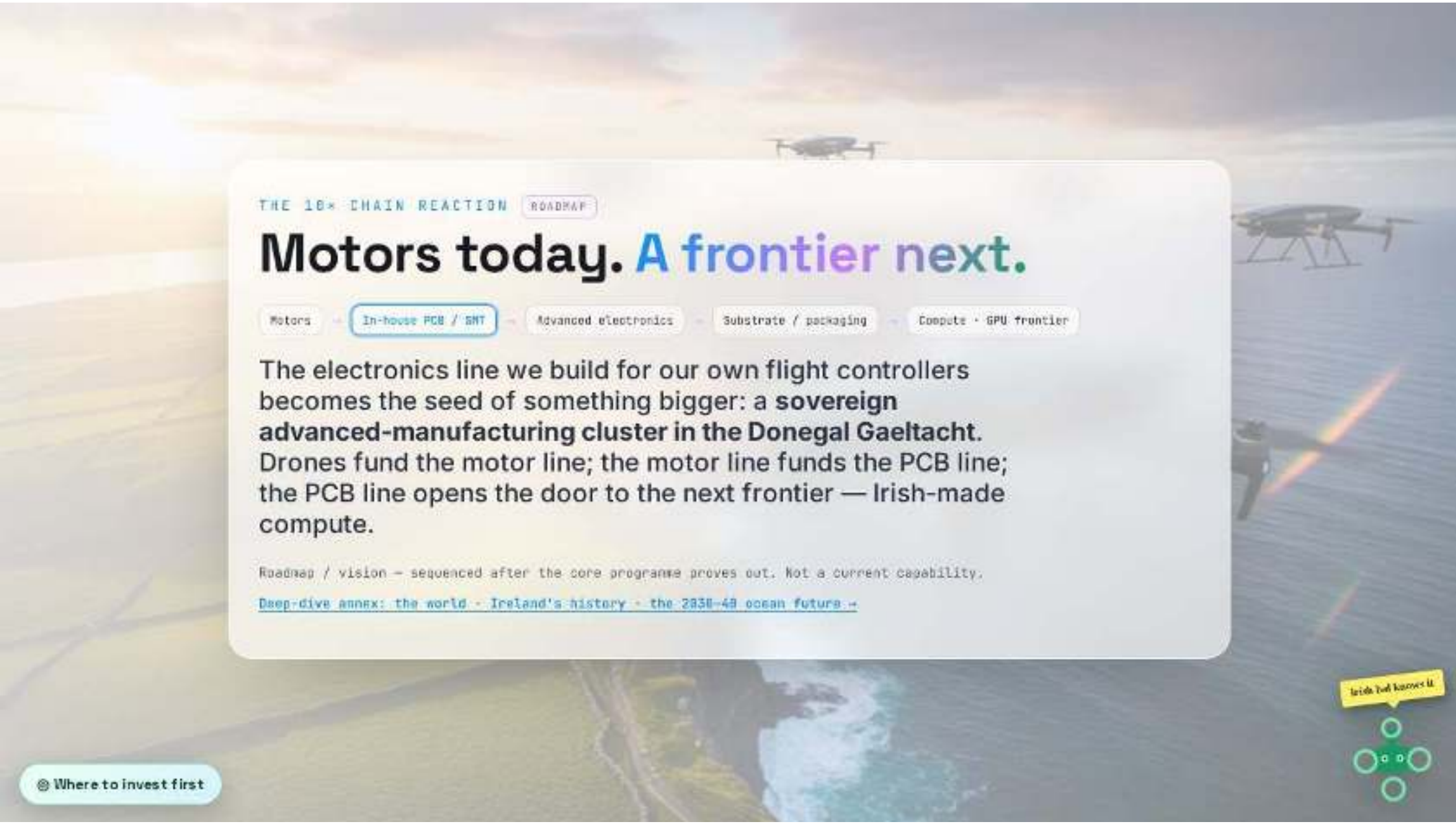
€37k	300/hr	~€60	28k
ONE WINDING MACHINE	MOTORS WOUND (PEAK; 100–300)	MARGIN / CERTIFIED MOTOR	MOTORS THE WHOLE YEAR-5 PLAN NEEDS

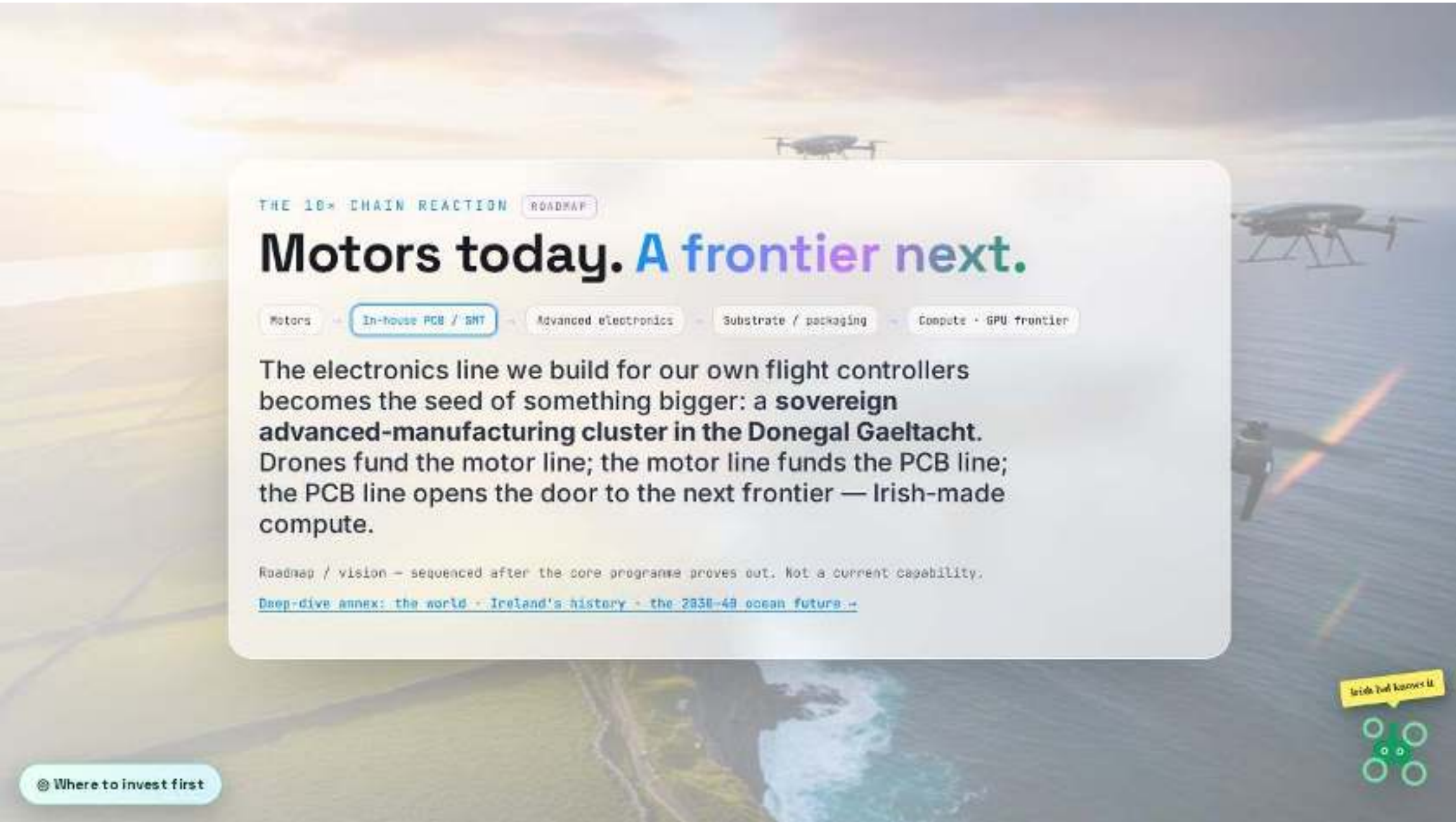
A €37k machine winds **100–300 motors an hour**. The entire Year-5 plan — ~€60M revenue, ~4,000 drones, ~28,000 motors — is **roughly one machine's annual output**. It pays for itself in **under a thousand motors — a few days**.

So the machine is never the constraint — demand, certification and execution are. That is why most of the €75M is market access, IP and working capital, not machines.

Throughput: industry data (100–300 small stators/hr). Margin & volumes modelled, to be validated.

Where to invest first


THE 10× CHAIN REACTION
ROADMAP
Motors today. A frontier next.
Motors
In-house PCB / SMT
Advanced electronics
Substrate / packaging
Compute · GPU frontier
The electronics line we build for our own flight controllers becomes the seed of something bigger: a sovereign advanced-manufacturing cluster in the Donegal Gaeltacht. Drones fund the motor line; the motor line funds the PCB line; the PCB line opens the door to the next frontier — Irish-made compute.
Roadmap / vision — sequenced after the core programme proves out. Not a current capability.
Deep-dive annex: the world · Ireland's history · the 2030–40 ocean future →
Where to invest first


THE 10× CHAIN REACTION
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Roadmap / vision — sequenced after the core programme proves out. Not a current capability.
Deep-dive annex: the world · Ireland's history · the 2030–40 ocean future →
Where to invest first

WE STRESS-TESTED OUR OWN ECONOMICS

Is it smart?

Why it's smart

- **Capital-light:** a €37k machine underwrites millions in drone revenue; the whole plan needs ~one machine of winding.
- **Value capture:** own the motor as the margin floor, sell the €15–20k drone for the multiplier.
- **Sovereignty premium:** EU/NDAA-clean, on-shore certified — buyable where Chinese product isn't.

The honest risk

- **Not bare small motors:** rivals sell at ~€3 — we must sell **certified motors & finished drones.**
- **The real bottleneck** is demand, certification and working capital — not making.
- So we fund **market access, IP and inventory** first — exactly where the €75M goes.

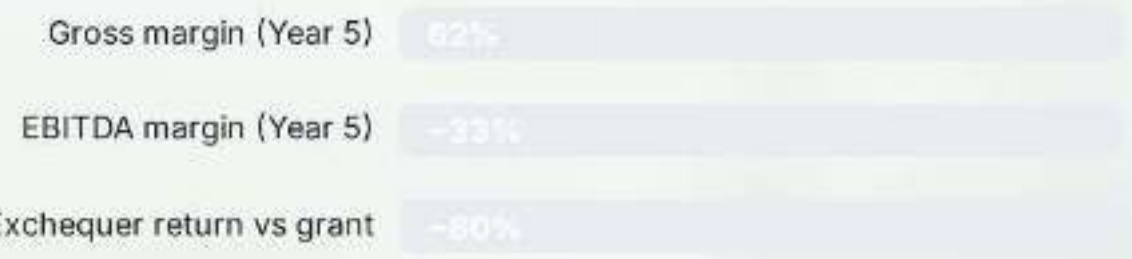
An honest plan beats a loud one. The economics work because we climb the value chain — and we've costed the risk in, not out.

Where to invest first

NATIONAL RETURN · THE NUMBERS, PLAINLY

What Ireland gets back.

€60M	€20M	150	~5 mo
REVENUE (YEAR 5)	EBITDA (YEAR 5)	SKILLED JOBS	PAYBACK



Modelled 5-year figures, to be validated. Hover/tap a bar.

€8–12M	€31.6B	€14–22k	€2.2M
EXCHEQUER RETURN (TAX+PRSI)	EXPORT MARKET (2033)	IMPORT SUBSTITUTION / DRONE	SELF-FUNDING PILOT

In plain terms: a **€75M** national programme builds a **self-funding factory** that returns **tax, jobs, exports and import-substitution** to the State — and Ireland keeps the patents.

Where to invest first

THE EFFICIENCY ENGINE

One person, ~30 machines.

~1,000	~€0.33	~$37	~5 mo
MOTORS / DAY / LINE	LABOUR COST / MOTOR	IN-HOUSE MOTOR COST*	MODELLED PAYBACK

A near-lights-out line: **1.5 FTE runs ~30 automated machines** at ~250,000 motors/yr, so labour is ≈ €0.33 a motor — the margin moat. We **train, not staff**: a few deeply-skilled Gaeltacht operators, the hardest thing to copy.

EU-Motors Poland precedent (190k motors/mo). *In-house motor cost, small/mid class – not a finished-drone price. Modelled.

Where to invest first

WHO BUYS · FUNDED DEMAND

The buyers are already funded.

Irish Defence Forces & maritime security — €1.7bn plan
subsea-cable watch, counter-UAS, EEZ — sovereign, NDAA-clean

Local authorities & emergency services — €50–150k pilots
inspection, flood mapping, search & rescue — the repeatable entry contract

Agri & truffle growers — ~€42k/ha/yr
monitoring, carbon-MRV, anti-theft — agriculture alone is transformative

Offshore wind & energy operators — recurring
blade, platform & cable inspection across Atlantic arrays

EU export market — €31.6B by 2033
Germany > France > UK — hungry for non-Chinese, NDAA-clean drones

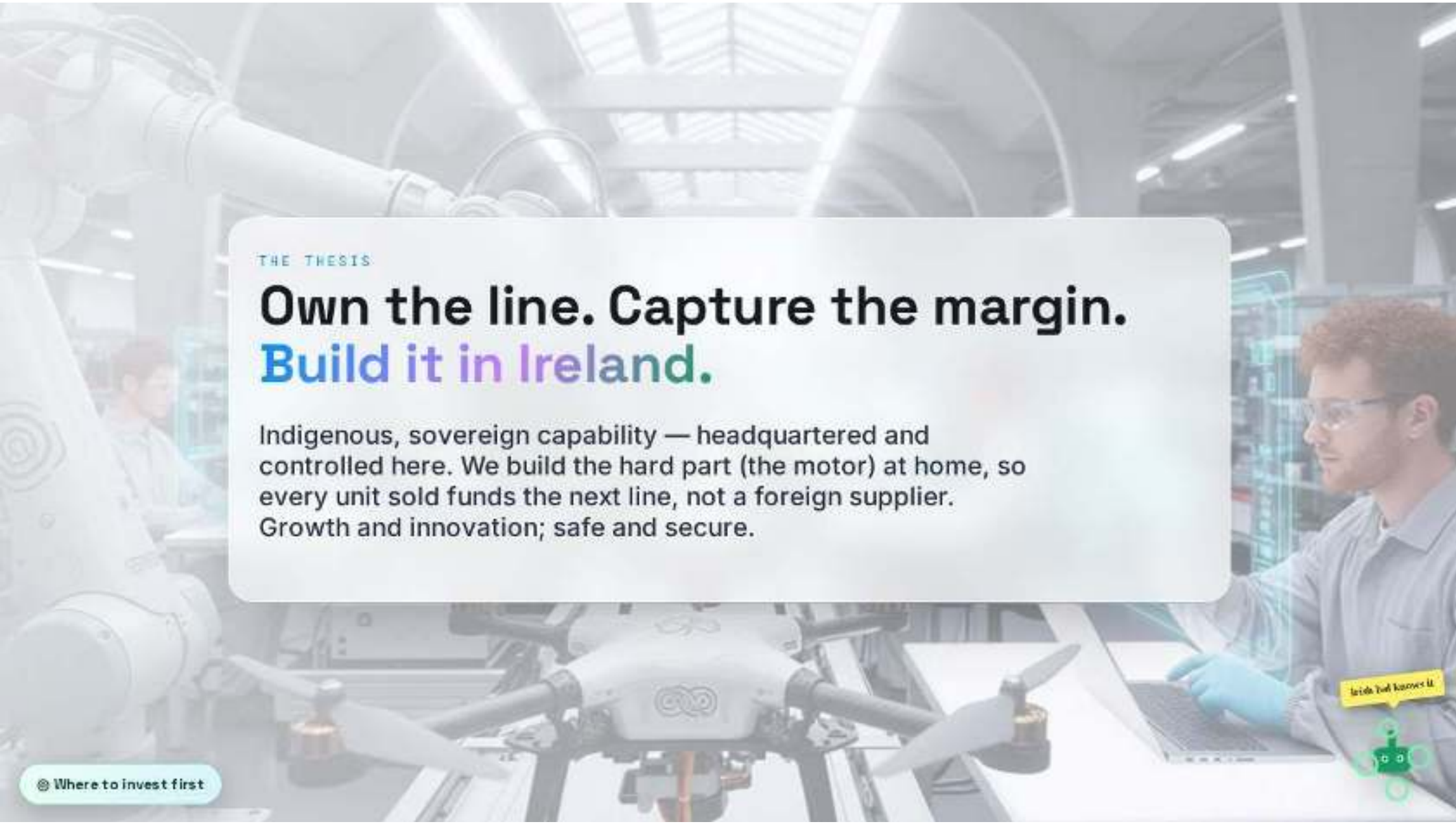
Honest status: these are **funded demand segments and pipeline** — the budgets exist and the need is named, but these are not yet signed contracts. Modelled.

> **In plain terms — the money to buy is already budgeted; we supply what the State and the market are funded to need.**

◎ Where to invest first


THE THREAT IS HERE, NOW
Our cables are being stalked.
Nov 2024 — the Russian vessel Yantar flew three drones over Irish-controlled waters, near subsea cables and a gas interconnector.
Jan 2025 — shadow-fleet tanker Arne dragged its anchor off Co. Mayo, beside the AEC-1 Ireland–US cable; later intercepted missing that anchor.
Since Oct 2023 — 11+ cables cut or damaged in the Baltic (Eagle S, Yi Peng 3, NewNew Polar Bear).
Irish Times 2024-26 · Carnegie Endowment 2025
Where to invest first


THE CAPABILITY GAP
A sea the size of a country — almost no eyes on it.
450,000 km²
EEZ — ~10× OUR LANDMASS
~2
NAVAL SHIPS OPERATIONAL (2023)
0.2%
OF GDP ON DEFENCE
-50%
PATROL DAYS, 2020→2024
Ireland's "seablindness" is real demand with no domestic supply. The drones to fix it are bought abroad.
CSIS 2025 · Irish Naval Service / afloat.ie
Where to invest first


THE THESIS
Own the line. Capture the margin.
Build it in Ireland.
Indigenous, sovereign capability — headquartered and controlled here. We build the hard part (the motor) at home, so every unit sold funds the next line, not a foreign supplier. Growth and innovation; safe and secure.
Where to invest first

END-TO-END MANUFACTURING

One line. Five zones. 160 m².

1 · Raw materials → 2 · Stator winding → 3 · Rotor assembly → 4 · Final assembly → 5 · QC & packing

- Sequential flow: raw stock → wound stators → balanced rotors → final assembly → full QC.
- 3–5 operators on the floor, scaling to 15 staff.
- ≥98% qualification rate · 4-minute cycle time. TARGET LINE SPEC · MODELLED

Where to invest first

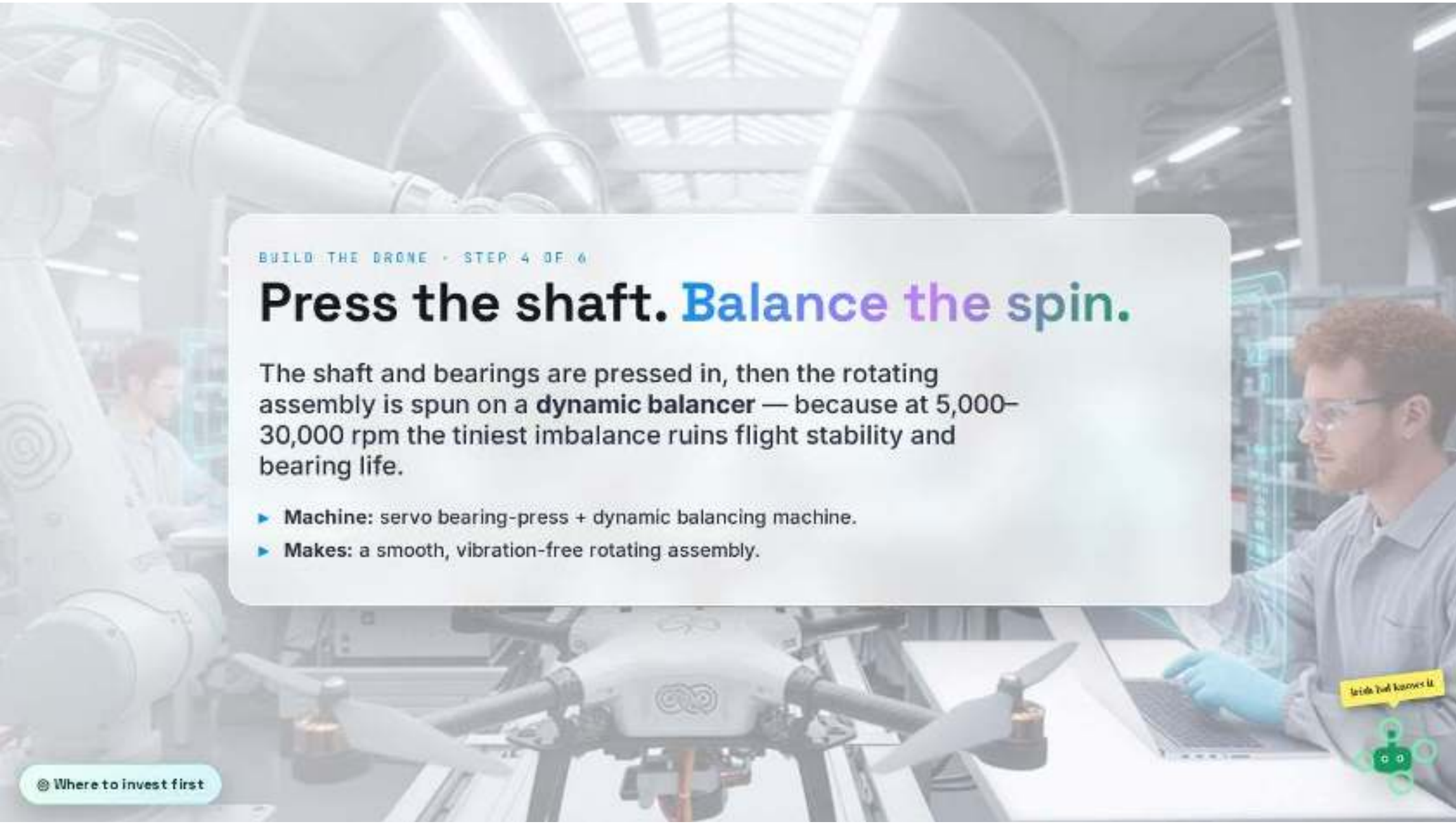
BUILD THE DRONE · STEP 2 OF 6

How a drone motor is born.

1 Stamp & stack laminations	2 Insulate the core	3 Wind the copper (CNC, dLRK)	4 Terminate & surge/hi-pot test	5 Impregnate & cure
6 Bond magnets & magnetise	7 Press shaft & balance	8 Assemble & set air-gap	9 Test — Kv, thrust, dielectric	10 Integrate drone & calibrate

- **One coil per tooth** — the dLRK scheme, **12 slots / 14 poles** — a CNC needle/flyer machine lays enamelled copper at controlled tension.
- Magnets are bonded into the rotor bell, then **magnetised in place** — cleaner and repeatable; **~4-min** winding cycle, **≥98%** first-pass.
- Every motor is impregnated, cured, balanced and fully tested before it ships.

Where to invest first



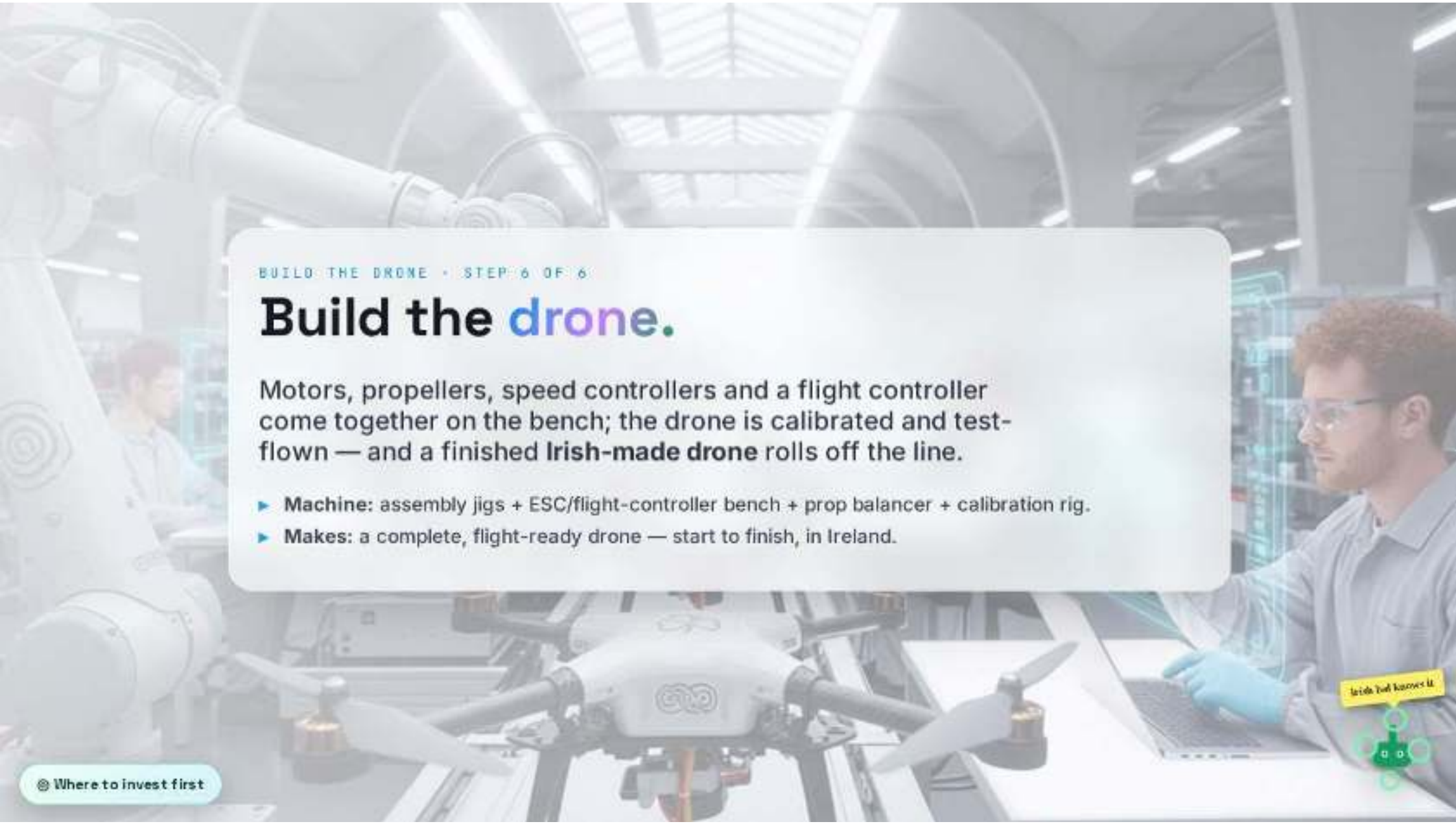
BUILD THE DRONE · STEP 4 OF 6

Press the shaft. Balance the spin.

The shaft and bearings are pressed in, then the rotating assembly is spun on a **dynamic balancer** — because at 5,000–30,000 rpm the tiniest imbalance ruins flight stability and bearing life.

- **Machine:** servo bearing-press + dynamic balancing machine.
- **Makes:** a smooth, vibration-free rotating assembly.

Where to invest first



BUILD THE DRONE · STEP 6 OF 6

Build the drone.

Motors, propellers, speed controllers and a flight controller come together on the bench; the drone is calibrated and test-flown — and a finished **Irish-made drone** rolls off the line.

- **Machine:** assembly jigs + ESC/flight-controller bench + prop balancer + calibration rig.
- **Makes:** a complete, flight-ready drone — start to finish, in Ireland.

Where to invest first

BUY-TO-BEGIN · THE LINE YOU ACQUIRE

Everything you buy to begin.

Lamination stack prep → Stator insulation → CNC flyer winding → Terminate & fuse → Varnish & cure oven →
Magnetize & bond → Press & balance → Motor EOL test → Drone integration → Calibrate · QC · pack

And the materials that feed it:

Enamelled copper magnet wire · Silicon-steel laminations · NdFeB magnets · Precision bearings & shafts · ESCs / flight controllers · Carbon frames & props

~€0.45–1.15M

CORE MACHINES (WITHIN THE €2.2M PILOT LINE)

Winders

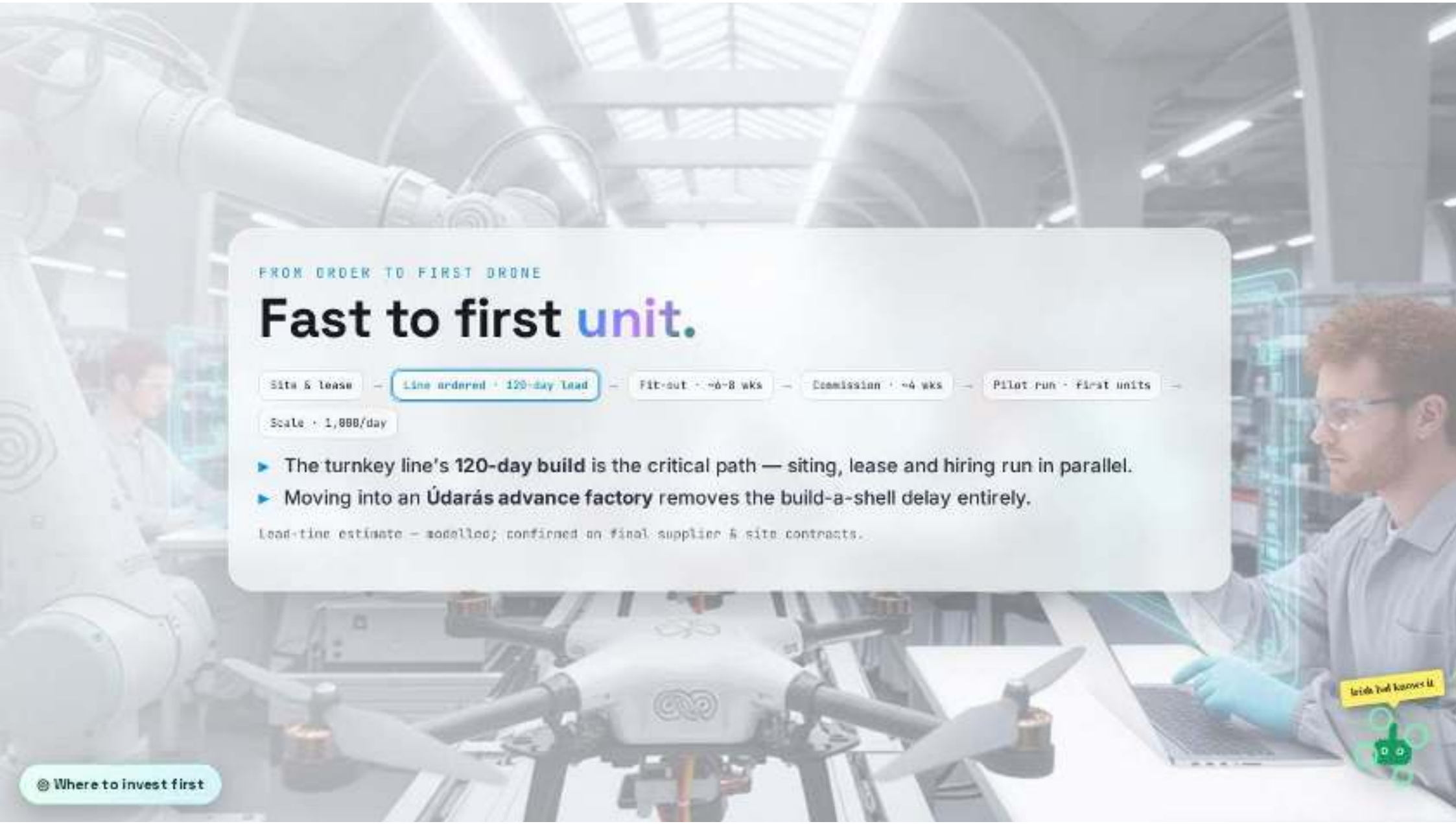
THE SINGLE BIGGEST CAPEX BLOCK

10

STATIONS, RAW STOCK → PACKED DRONE

Indicative equipment ranges from supplier research; RFQ-confirmed before the budget hardens.

Where to invest first


FROM ORDER TO FIRST DRONE
Fast to first unit.
Site & lease
Line ordered · 120-day lead
Fit-out · ~6-8 wks
Commission · ~4 wks
Pilot run · first units
Scale · 1,000/day
The turnkey line's 120-day build is the critical path — siting, lease and hiring run in parallel.
Moving into an Údarás advance factory removes the build-a-shell delay entirely.
Lead-time estimate — modelled; confirmed on final supplier & site contracts.
Where to invest first

USE WHAT IRELAND ALREADY HAS

Don’t build a factory. Move into one.

- Údarás na Gaeltachta leases ready **advance factories** in Donegal — e.g. a **1,000 m²** industrial unit (+365 m² office) with three-phase power and broadband, to let now.
- It is renewing **€4.55M** of roads, water and power at Gaoth Dobhair Business Park (~728 employed) — utilities you **inherit, not fund**.
- Partner Ireland's existing skills: motor-rewind shops (since 1984), ÉireComposites & Versadrones airframes, Taoglas RF, TE Connectivity precision.
- **Precedent**: Abbott reused the closed Hospira plant in Donegal Town — **€36M, 155 jobs**. We do the same: lease and repurpose, not greenfield.

Údarás na Gaeltachta · Donegal County Council · RTÉ · Irish Examiner

WHERE IT RUNS, AND WHAT IT COSTS

Built in the Donegal Gaeltacht.

Údarás

PROPERTY & RENT IN THE GAELTACHT*

Grant-offset

CAPITAL & EMPLOYMENT SUPPORT*

Skilled wages

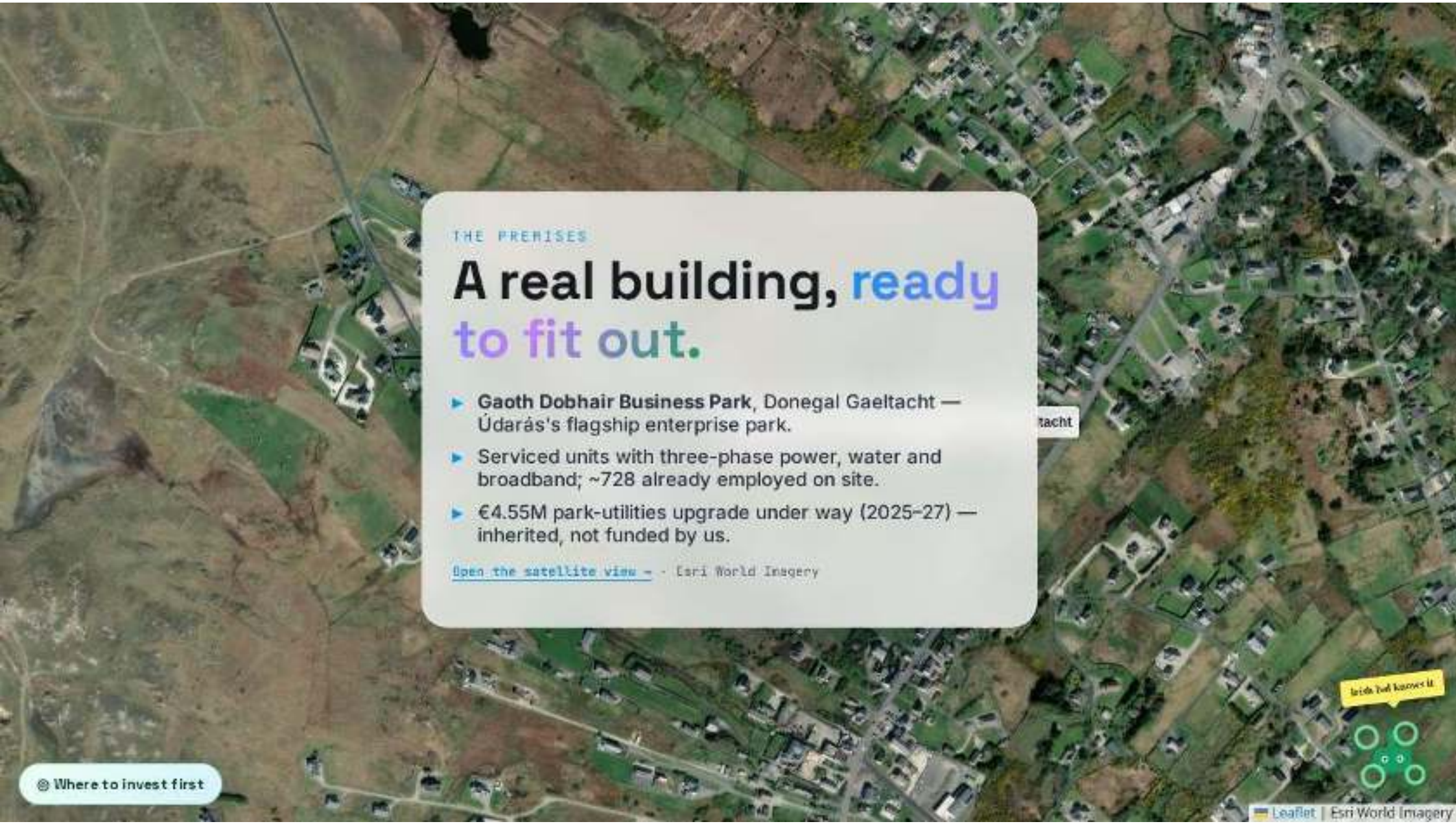
WESTERN-REGION OPERATOR BASE*

Energy

IRISH INDUSTRIAL ELECTRICITY*

Where to invest first


REAL SITES, NOT A RENDERING
Fly the Donegal Gaeltacht.
Dunfanaghy
Carrach
3 · Falcarragh / Kelsius
Ard Cloichán Liath
Leaflet | © OpenStreetMap


THE PREMISES
A real building, ready to fit out.
Gaoth Dobhair Business Park, Donegal Gaeltacht — Údarás's flagship enterprise park.
Serviced units with three-phase power, water and broadband; ~728 already employed on site.
€4.55M park-utilities upgrade under way (2025–27) — inherited, not funded by us.
Open the satellite view ↗ · Esri World Imagery
Where to invest first
Leaflet | Esri World Imagery


SUPPLIER — PRESSURE-TESTED
A vetted tier-1 turnkey OEM partner.
UNDER NDA
Scored 89.9 / 100 against six manufacturers on capability, longevity and compliance.
≥98% qualification rate · 120-day lead time · CE-certified, BV-audited.
Hosts on-site client due-diligence; EU-compliance-ready, NDAA-clean sourcing path.
Scores & rates are supplier-reported, subject to our independent due-diligence audit. Identity held under NDA, disclosed only to signed parties.
Where to invest first

30 IRISH MISSIONS

One factory, the whole island's problems.

- **Maritime & energy:** subsea-cable watch · offshore-wind inspection · fisheries · coast-guard SAR.
- **Agri & environment:** precision farming · forestry · peatland & carbon · flood mapping.
- **Infrastructure:** grid & pipeline · data-centre · rail · bridges · ports.
- **Public safety:** mountain rescue · island medical delivery · counter-drone security.

Where to invest first

HOW A DRONE GUARDS A CABLE

We watch the cable, not the deep.

- Drones geolocate **"dark" ships** (AIS switched off) by their radio emissions using **directional antennas** — and flag loitering or anchor-dragging over a known cable route.
- In shallow water a drone-borne **magnetometer** already maps the cable itself — demonstrated on real export cables.
- **Machine learning** matches each signal to the specific cable segment and behaviour we have trained it to recognise.
- **Honest limit:** this detects surface and near-surface vessels of interest — not silent, deep submarines.

SPH Engineering (UAV magnetometer) · CRFS / Unseenlabs (RF) · OAS research 2025

◎ Where to invest first

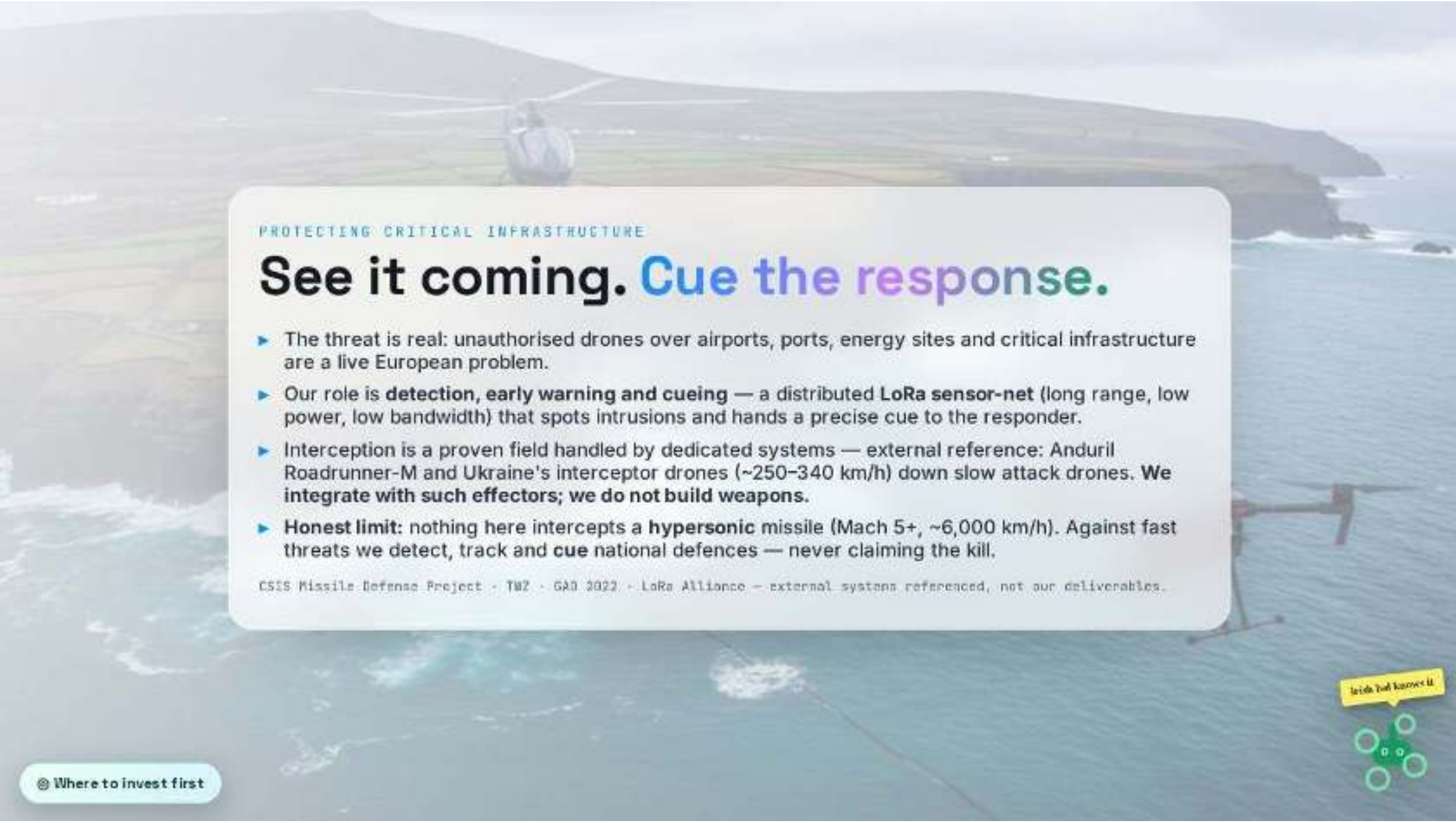
GUARDING THE CABLE, UP CLOSE

Eyes on the seabed.

- Small **ESP32-P4** sensor pods sit at a cable's weak points — landing stations, shallow crossings — watching for disturbance.
- An autonomous **underwater** drone visits them, reads them by acoustic/optical link and relays up through a surface buoy (radio can't travel underwater).
- They complement **DAS** — the fibre-as-sensor system cable operators already run — adding local, high-resolution spot-checks exactly where it matters.

Espressif ESP32-P4 · NKT (Distributed Acoustic Sensing) · subsea-comms research 2025

Where to invest first



PROTECTING CRITICAL INFRASTRUCTURE

See it coming. Cue the response.

- The threat is real: unauthorised drones over airports, ports, energy sites and critical infrastructure are a live European problem.
- Our role is **detection, early warning and cueing** — a distributed **LoRa sensor-net** (long range, low power, low bandwidth) that spots intrusions and hands a precise cue to the responder.
- Interception is a proven field handled by dedicated systems — external reference: Anduril Roadrunner-M and Ukraine's interceptor drones (~250–340 km/h) down slow attack drones. **We integrate with such effectors; we do not build weapons.**
- **Honest limit:** nothing here intercepts a **hypersonic** missile (Mach 5+, ~6,000 km/h). Against fast threats we detect, track and **cue** national defences — never claiming the kill.

CSIS Missile Defense Project · TWZ · GAO 2022 · LoRa Alliance — external systems referenced, not our deliverables.

Where to invest first

WHAT ONE LINE CAN BUILD

One line. A whole family of drones.

01 Cable-watch maritime UAV	02 Amphibious cable-diver (VTOL)	03 Offshore-wind blade inspector
04 Long-range fisheries patrol	05 Coast-guard SAR float-drone	06 Island medical-delivery
07 Oyster / aquaculture monitor	08 Precision-grassland multispectral	09 Livestock / herd counter
10 Slurry / nutrient mapper	11 Forestry tree-planter	12 Truffle / canopy mapper
13 Peatland carbon-MRV	14 Transmission-line inspector	15 Gas-pipeline sniffer
16 Data-centre thermal patrol	17 Pharma cold-chain courier	18 MedTech inter-site shuttle
19 Port / harbour security	20 Bridge / viaduct surveyor	21 Wide-area flood mapper
22 Water-quality / algal-bloom	23 Wildfire / gorse detector	24 Heritage LiDAR mapper
25 Construction / BIM progress	26 Quarry volumetrics	27 Counter-drone interceptor
28 Tethered persistent-watch	29 Sabre relay / comms node	30 Stratospheric-comms tender

Built on Ireland's 30 real missions - amphibious & multi-role variants off one motor line

Where to invest first

AUTONOMY AT THE EDGE OF THE SEA

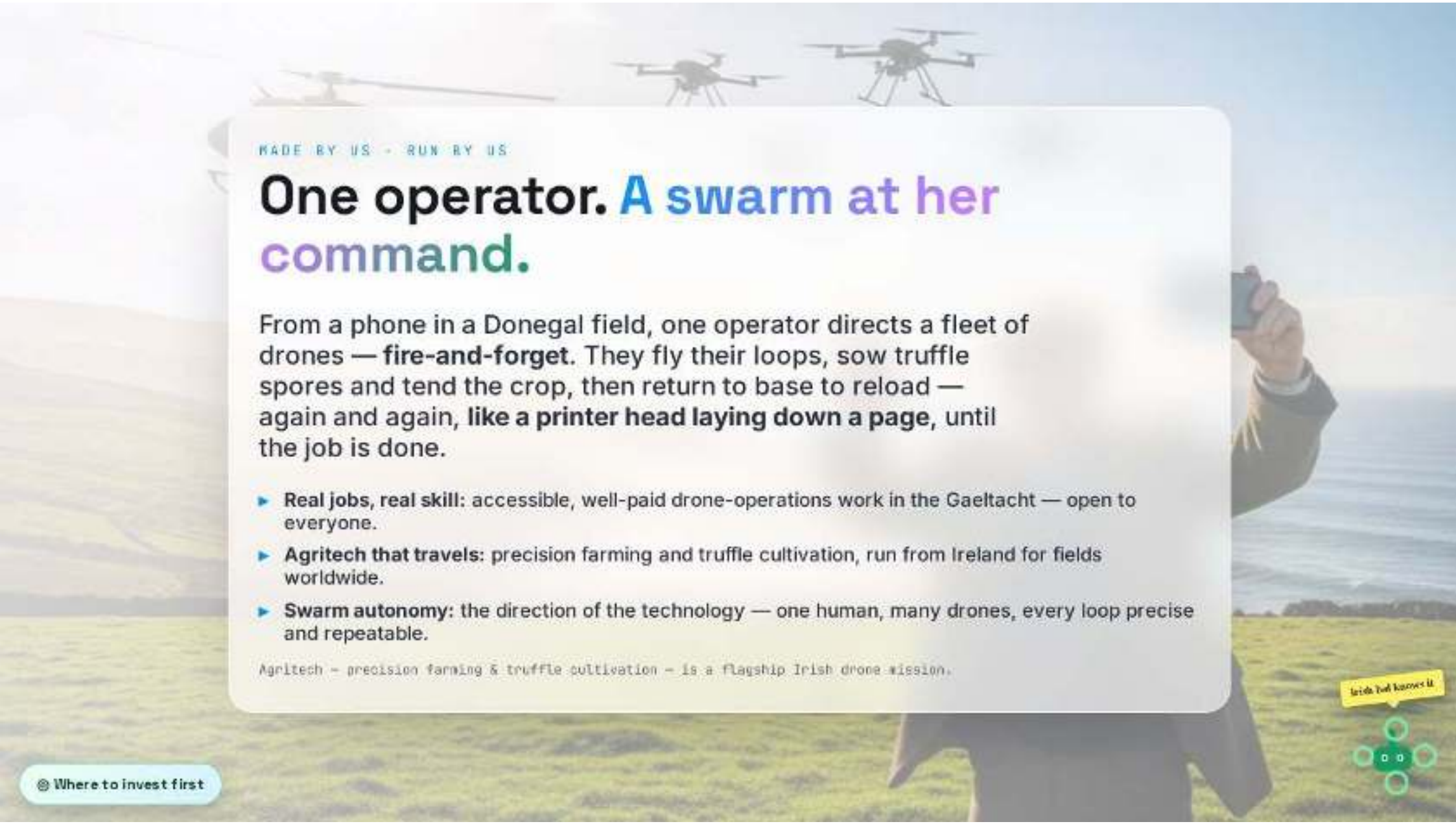
Keep the swarm working, far from shore.

The hardest part of working at sea is staying connected and autonomous when radio fades and the deep blocks signals.

- **Fail-safe autonomy:** each drone completes its task and returns home even if the link drops.
- **Resilient over-the-horizon comms** — a complementary Hyperlog concept, **satsoft.ch**, explores stratospheric relays to keep an offshore swarm online. CONCEPT
- **Gentle on people and nature:** dropping medicine to an island, or quietly watching an oyster farm in a sheltered bay.

satsoft.ch (early-stage concept · no partnership implied) · Hyperlog

Where to invest first



MADE BY US · RUN BY US

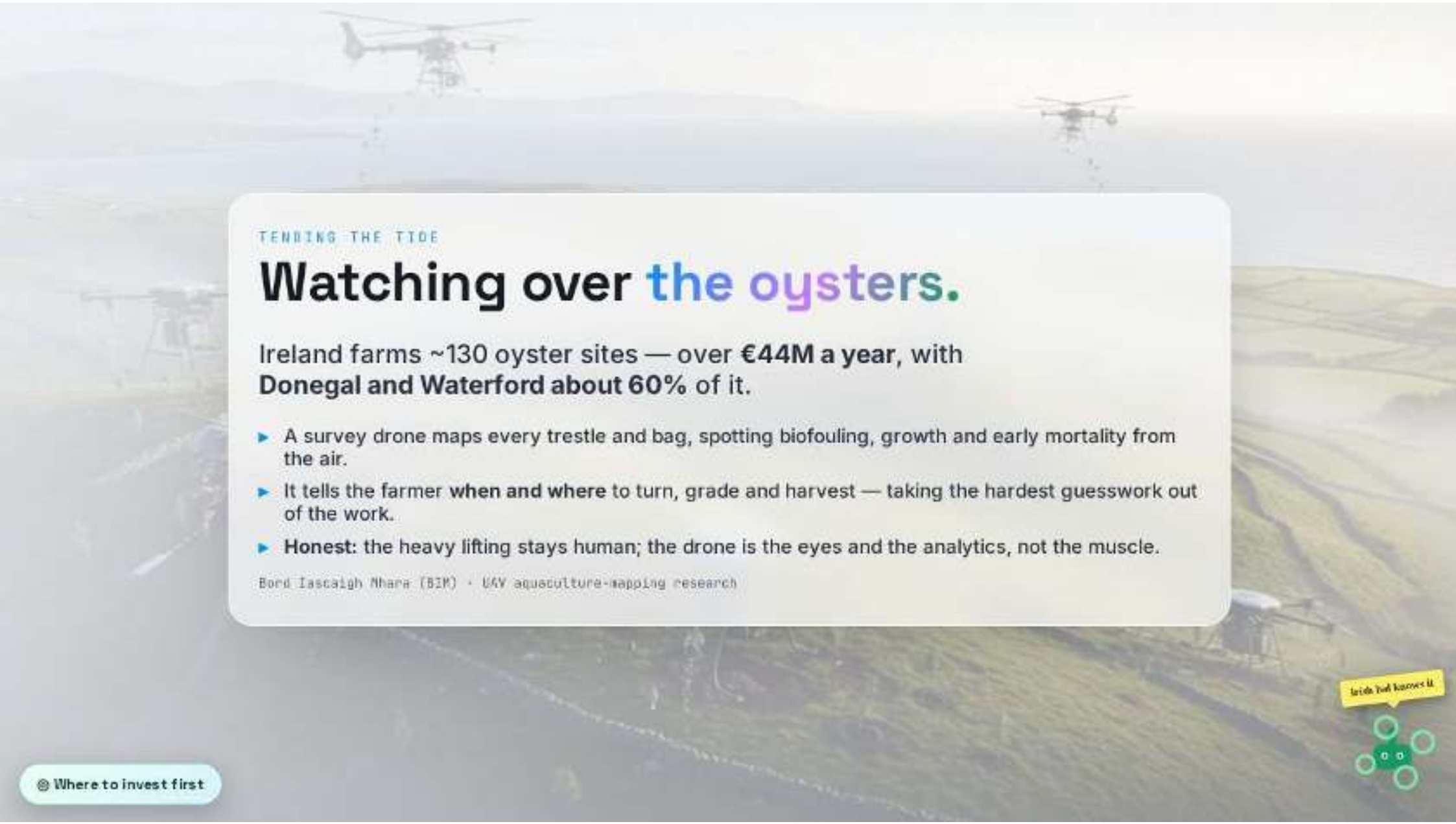
One operator. A swarm at her command.

From a phone in a Donegal field, one operator directs a fleet of drones — **fire-and-forget**. They fly their loops, sow truffle spores and tend the crop, then return to base to reload — again and again, **like a printer head laying down a page**, until the job is done.

- **Real jobs, real skill:** accessible, well-paid drone-operations work in the Gaeltacht — open to everyone.
- **Agritech that travels:** precision farming and truffle cultivation, run from Ireland for fields worldwide.
- **Swarm autonomy:** the direction of the technology — one human, many drones, every loop precise and repeatable.

Agritech — precision farming & truffle cultivation — is a flagship Irish drone mission.

Where to invest first



TENDING THE TIDE

Watching over the oysters.

Ireland farms ~130 oyster sites — over **€44M a year**, with **Donegal and Waterford about 60%** of it.

- A survey drone maps every trestle and bag, spotting biofouling, growth and early mortality from the air.
- It tells the farmer **when and where** to turn, grade and harvest — taking the hardest guesswork out of the work.
- **Honest:** the heavy lifting stays human; the drone is the eyes and the analytics, not the muscle.

Bord Iascaigh Mhara (BIM) · UAV aquaculture-mapping research

Where to invest first

SERVING THE REAL ECONOMY

A swarm for Ireland's biggest exports.

Ireland exported a record **€223.7bn** in goods in 2024 — pharma alone **€99.9bn (45%)**; the **US takes 39%**.

Pharma & medical Cold-chain & inter-site delivery · plant thermal inspection	€99.9bn · 45%
Chemicals Reactor, flare-stack & tank-farm survey without shutdowns	€145.3bn · 65%
Machinery & tech Data-centre security & external thermal inspection	€31.4bn · 14%
Food & dairy Precision grassland & herd / welfare monitoring	€15.0bn
Drinks (whiskey) Barley-estate & bonded-warehouse watch	~€1bn*

CSO Ireland — Trade in Goods 2024 · *whiskey: Bord Bia / industry figure

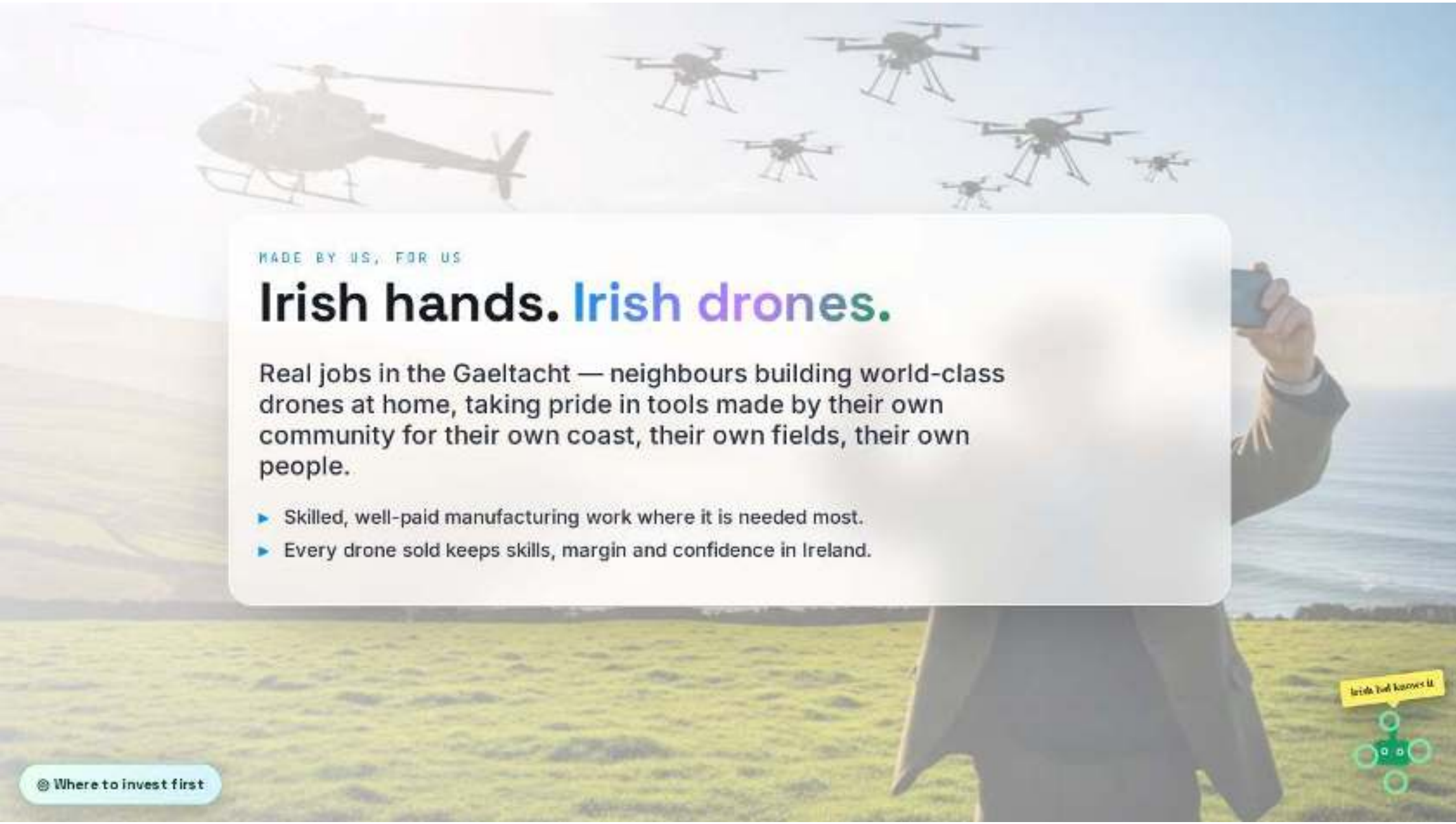
Where to invest first

EUROPEAN PRECEDENT

The model already works in the EU.

EU Motors (Kraków, Poland) runs an NDAA-aligned line at **100,000 motors / month**, with a second plant in Florida. Sovereign drone manufacturing is deployable on European soil — Ireland is next.

Where to invest first



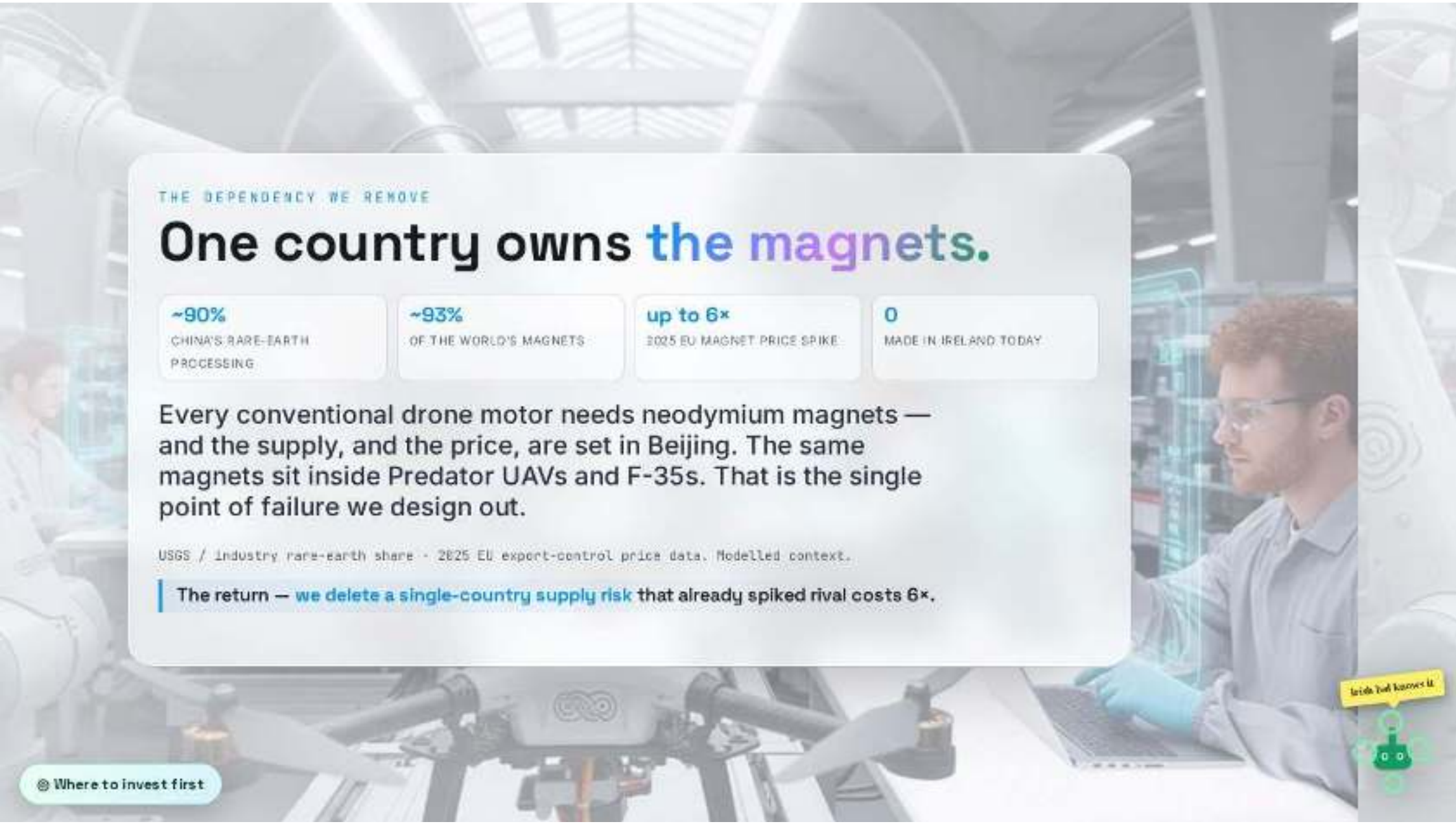
MADE BY US, FOR US

Irish hands. Irish drones.

Real jobs in the Gaeltacht — neighbours building world-class drones at home, taking pride in tools made by their own community for their own coast, their own fields, their own people.

- Skilled, well-paid manufacturing work where it is needed most.
- Every drone sold keeps skills, margin and confidence in Ireland.

Where to invest first



THE DEPENDENCY WE REMOVE

One country owns the magnets.

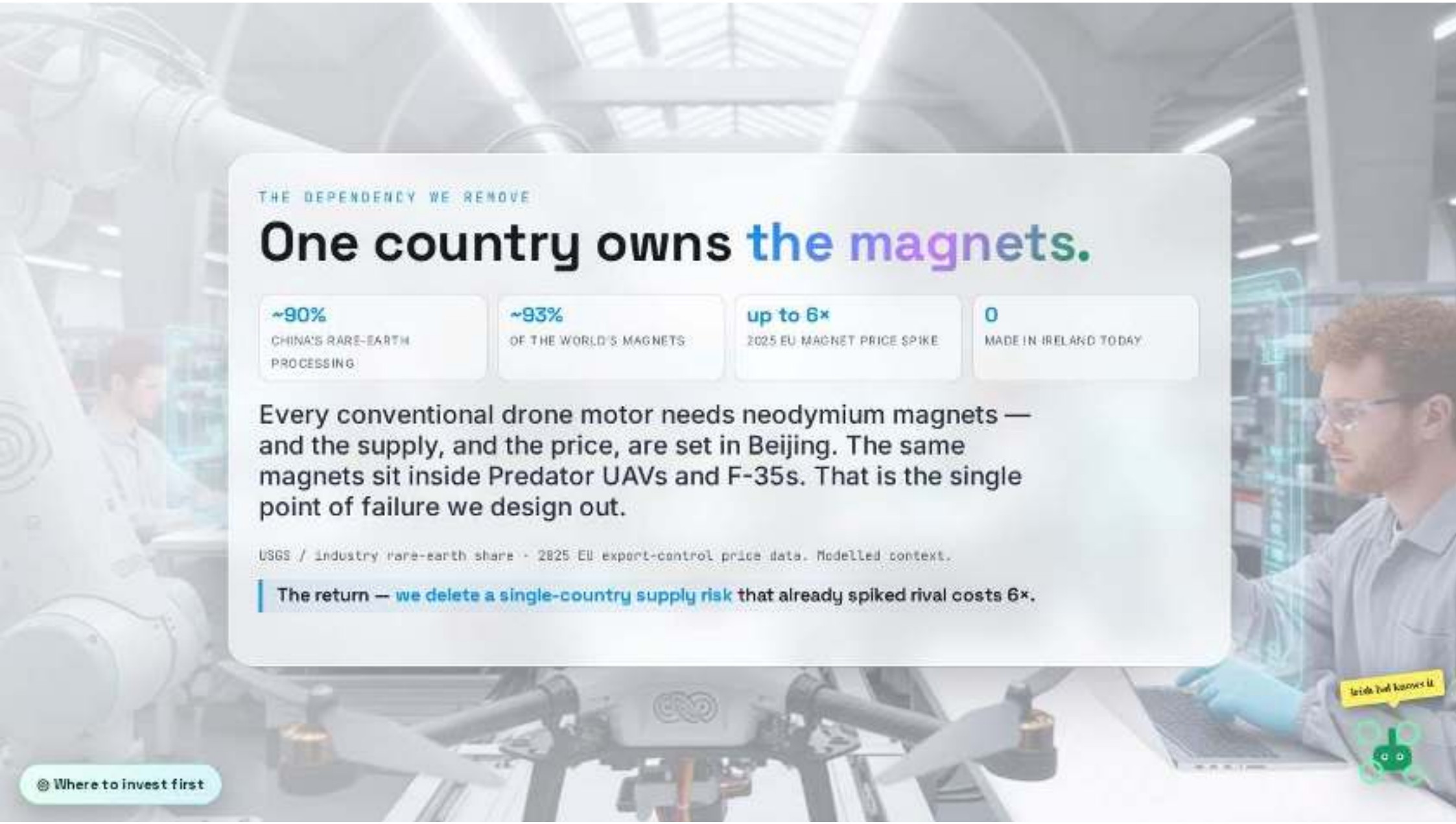
~90%	~93%	up to 6×	0
CHINA'S RARE-EARTH PROCESSING	OF THE WORLD'S MAGNETS	2025 EU MAGNET PRICE SPIKE	MADE IN IRELAND TODAY

Every conventional drone motor needs neodymium magnets — and the supply, and the price, are set in Beijing. The same magnets sit inside Predator UAVs and F-35s. That is the single point of failure we design out.

USGS / industry rare-earth share · 2025 EU export-control price data. Modelled context.

> The return — **we delete a single-country supply risk** that already spiked rival costs 6×.

Where to invest first



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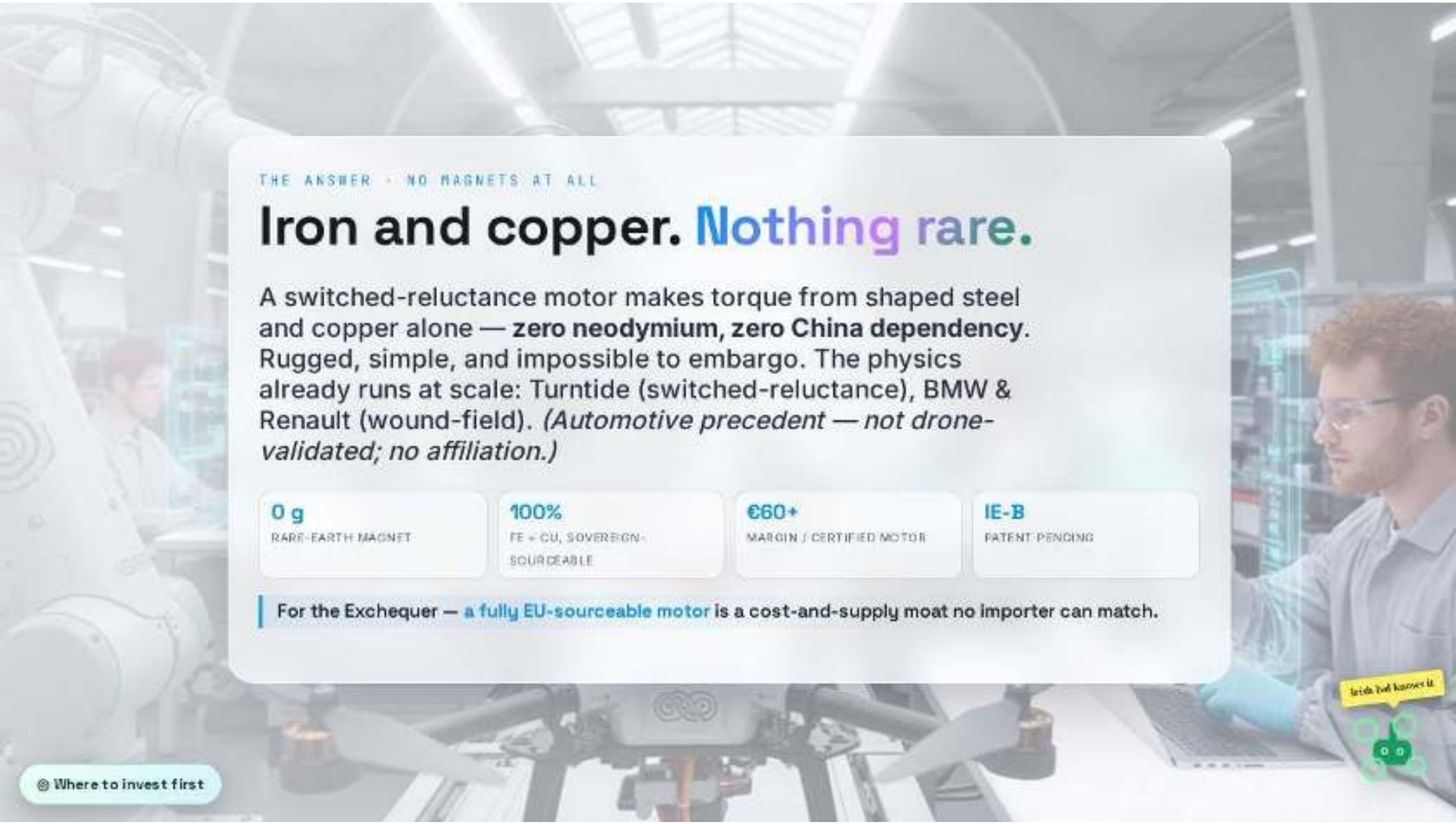


THE ANSWER · NO MAGNETS AT ALL

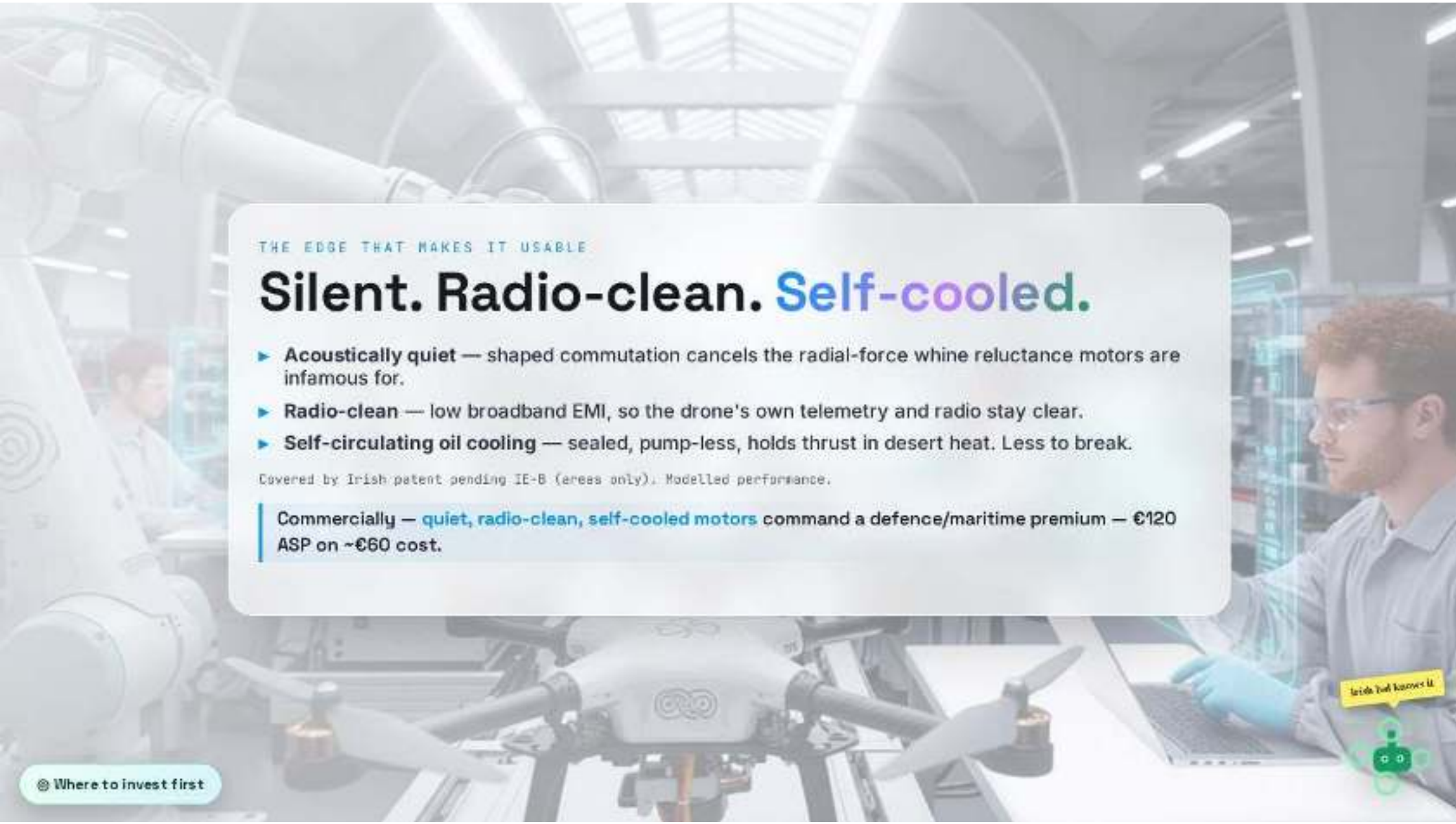
Iron and copper. Nothing rare.

A switched-reluctance motor makes torque from shaped steel and copper alone — **zero neodymium, zero China dependency**. Rugged, simple, and impossible to embargo. The physics already runs at scale: Turntide (switched-reluctance), BMW & Renault (wound-field). *(Automotive precedent — not drone-validated; no affiliation.)*

0 g	100%	€60+	IE-B
RARE-EARTH MAGNET	FE + CU, SOVEREIGN-SOURCEABLE	MARGIN / CERTIFIED MOTOR	PATENT PENDING

For the Exchequer — **a fully EU-sourceable motor** is a cost-and-supply moat no importer can match.

Where to invest first



THE EDGE THAT MAKES IT USABLE

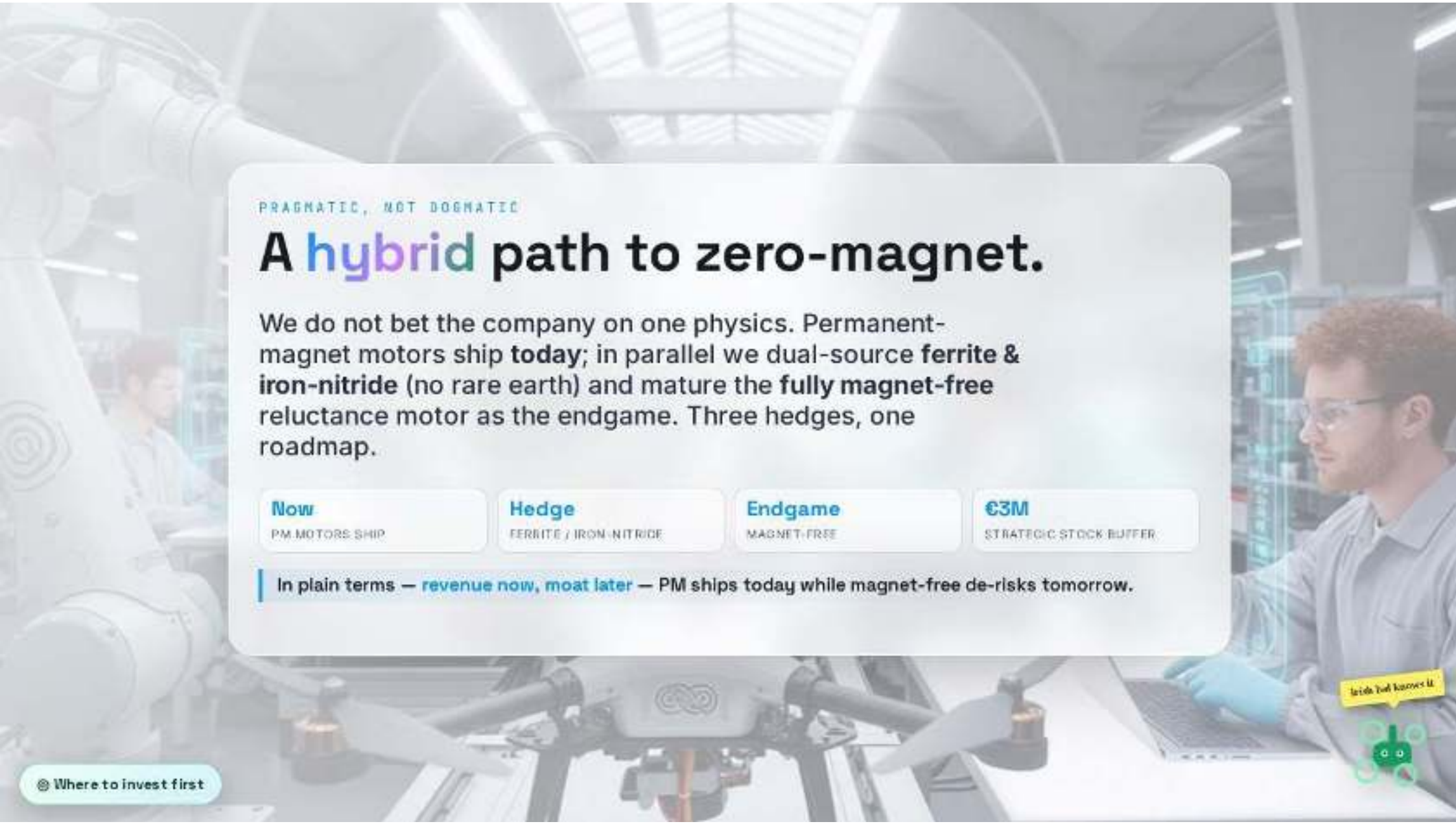
Silent. Radio-clean. Self-cooled.

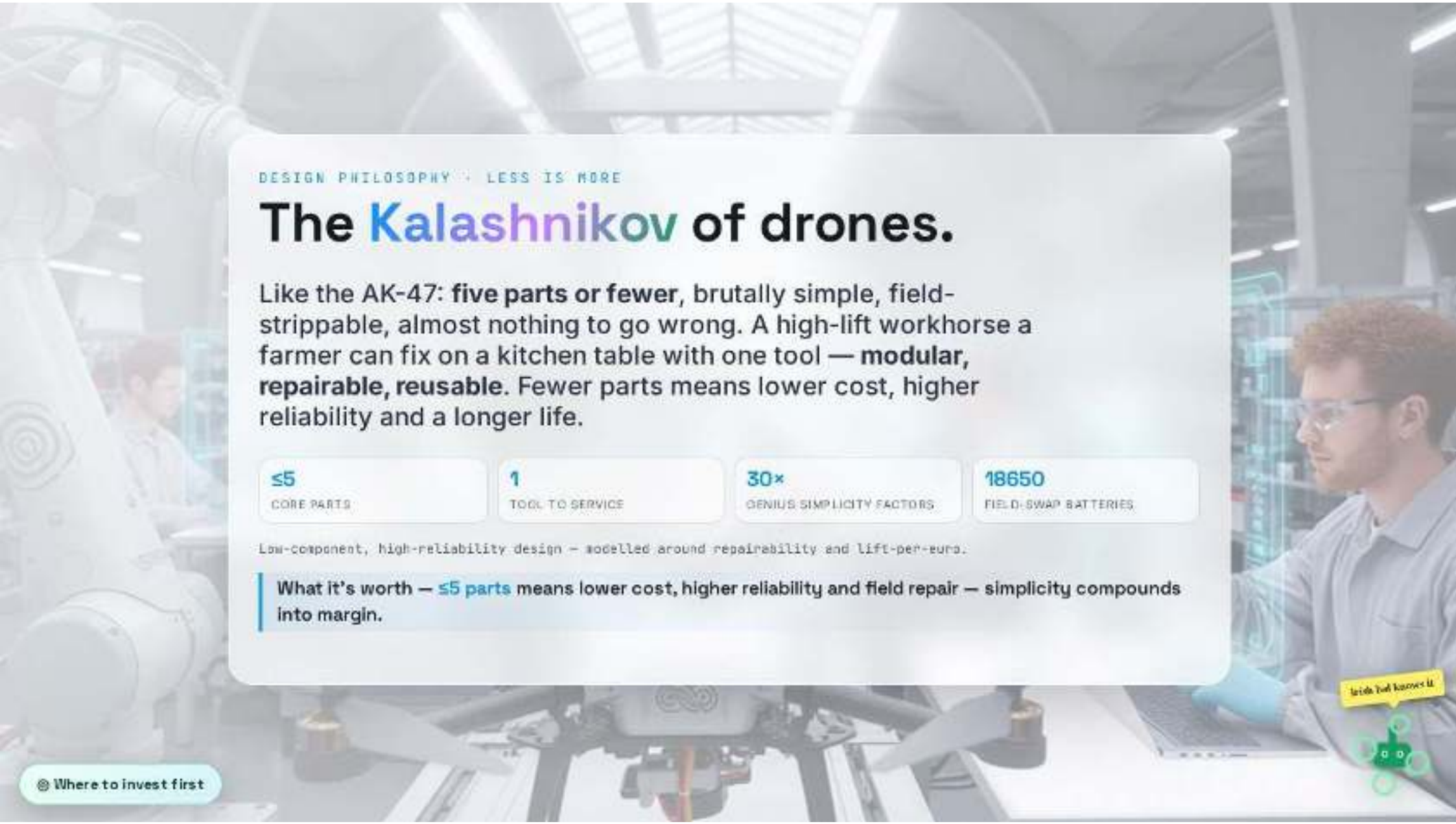
- **Acoustically quiet** — shaped commutation cancels the radial-force whine reluctance motors are infamous for.
- **Radio-clean** — low broadband EMI, so the drone's own telemetry and radio stay clear.
- **Self-circulating oil cooling** — sealed, pump-less, holds thrust in desert heat. Less to break.

Covered by Irish patent pending IE-B (areas only). Modelled performance.

> Commercially — quiet, radio-clean, self-cooled motors command a defence/maritime premium — €120 ASP on ~€60 cost.

Where to invest first


PRAGMATIC, NOT DOGMATIC
A hybrid path to zero-magnet.
We do not bet the company on one physics. Permanent-magnet motors ship today; in parallel we dual-source ferrite & iron-nitride (no rare earth) and mature the fully magnet-free reluctance motor as the endgame. Three hedges, one roadmap.
Now
PM MOTORS SHIP
Hedge
FERRITE / IRON-NITRIDE
Endgame
MAGNET-FREE
€3M
STRATEGIC STOCK BUFFER
In plain terms — revenue now, moat later — PM ships today while magnet-free de-risks tomorrow.
Where to invest first



DESIGN PHILOSOPHY · LESS IS MORE

The Kalashnikov of drones.

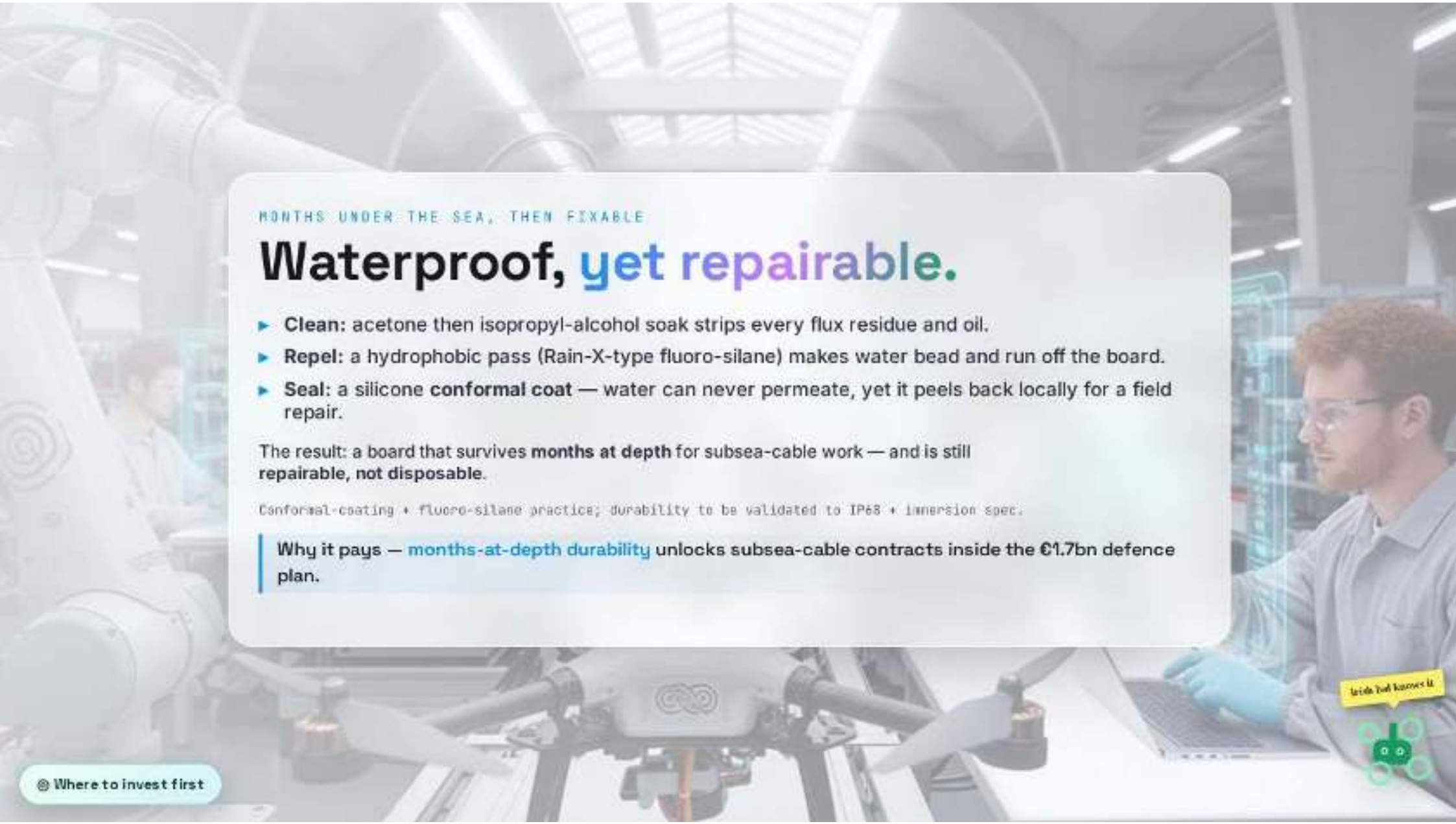
Like the AK-47: **five parts or fewer**, brutally simple, field-strippable, almost nothing to go wrong. A high-lift workhorse a farmer can fix on a kitchen table with one tool — **modular, repairable, reusable**. Fewer parts means lower cost, higher reliability and a longer life.

≤5	1	30×	18650
CORE PARTS	TOOL TO SERVICE	GENIUS SIMPLICITY FACTORS	FIELD-SWAP BATTERIES

Low-component, high-reliability design — modelled around repairability and lift-per-euro.

> **What it's worth — ≤5 parts means lower cost, higher reliability and field repair — simplicity compounds into margin.**

Where to invest first



MONTHS UNDER THE SEA, THEN FIXABLE

Waterproof, yet repairable.

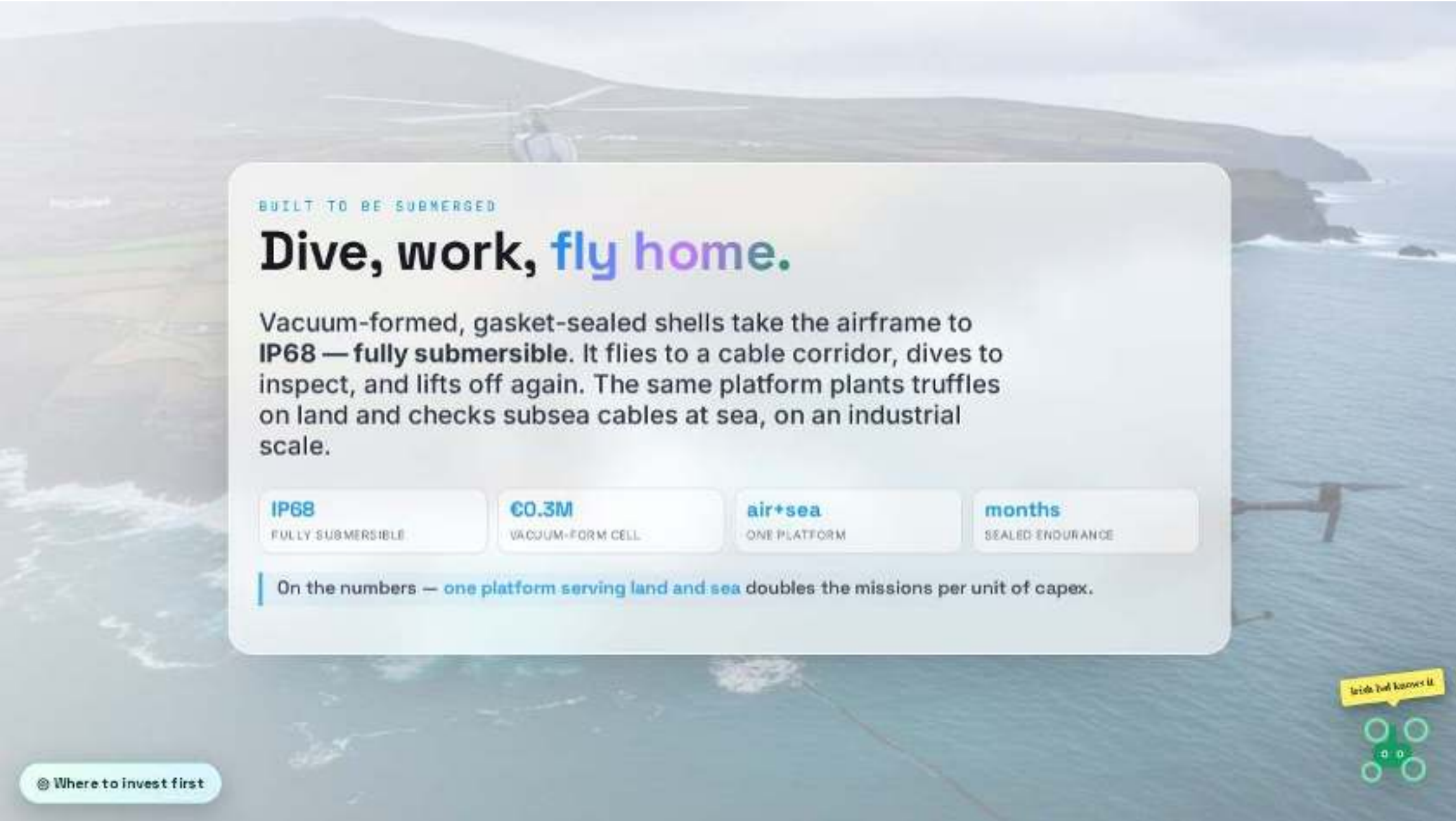
- **Clean:** acetone then isopropyl-alcohol soak strips every flux residue and oil.
- **Repel:** a hydrophobic pass (Rain-X-type fluoro-silane) makes water bead and run off the board.
- **Seal:** a silicone **conformal coat** — water can never permeate, yet it peels back locally for a field repair.

The result: a board that survives **months at depth** for subsea-cable work — and is still **repairable, not disposable**.

Conformal-coating + fluoro-silane practice; durability to be validated to IP68 + immersion spec.

> **Why it pays** — months-at-depth durability **unlocks subsea-cable contracts inside the €1.7bn defence plan.**

Where to invest first



BUILT TO BE SUBMERSED

Dive, work, fly home.

Vacuum-formed, gasket-sealed shells take the airframe to **IP68 — fully submersible**. It flies to a cable corridor, dives to inspect, and lifts off again. The same platform plants truffles on land and checks subsea cables at sea, on an industrial scale.

IP68	€0.3M	air+sea	months
FULLY SUBMERSIBLE	VACUUM-FORM CELL	ONE PLATFORM	SEALED ENDURANCE

> On the numbers — one platform serving land and sea doubles the missions per unit of capex.

Where to invest first

EVERY PART, MADE HERE

Full vertical integration — in €75M.

8 motor lines	€16M
Battery (18650) line	€6M
Structural-PCB + SMT fab	€5M
Propeller cell (air+water)	€0.6M
IP68 vacuum-forming	€0.3M

All within the €75M by reallocation; battery phased/partner. Modelled.

Motor · structural-PCB frame · propeller · battery · the whole drone — funded inside the €75M by reallocation. Tap a bar. Modelled.

Value captured — owning every part captures the whole margin stack — funded inside the €75M.

Where to invest first

PLANT IT. WATCH IT. PROTECT IT.

A swarm that farms itself.

Autonomous drones plant saplings, map the canopy, verify the carbon and guard the harvest from theft — the **30× chain-reaction** of agriculture at scale. Each drone covers serious ground, so a handful service a whole programme.

~100 ha	~500 ha	EU CRCF	DaaS
MONITORED / DRONE / DAY	PROTECTED / DRONE	CARBON CREDITS	RECURRING REVENUE

> For the Exchequer — autonomous coverage means recurring DaaS revenue across thousands of hectares from a handful of aircraft.

Where to invest first

FROM MARKET TO RECURRING REVENUE

The funnel, low-hanging fruit first.

Land a €50-150k county pilot (the low-hanging fruit) → State & civil contracts → recurring DaaS + carbon + export. Tap a tier. Modelled.

> In plain terms — **€50–150k county pilots** convert to State and recurring revenue — a clear path up.

Where to invest first

IT ALREADY PRINTS MONEY ABROAD

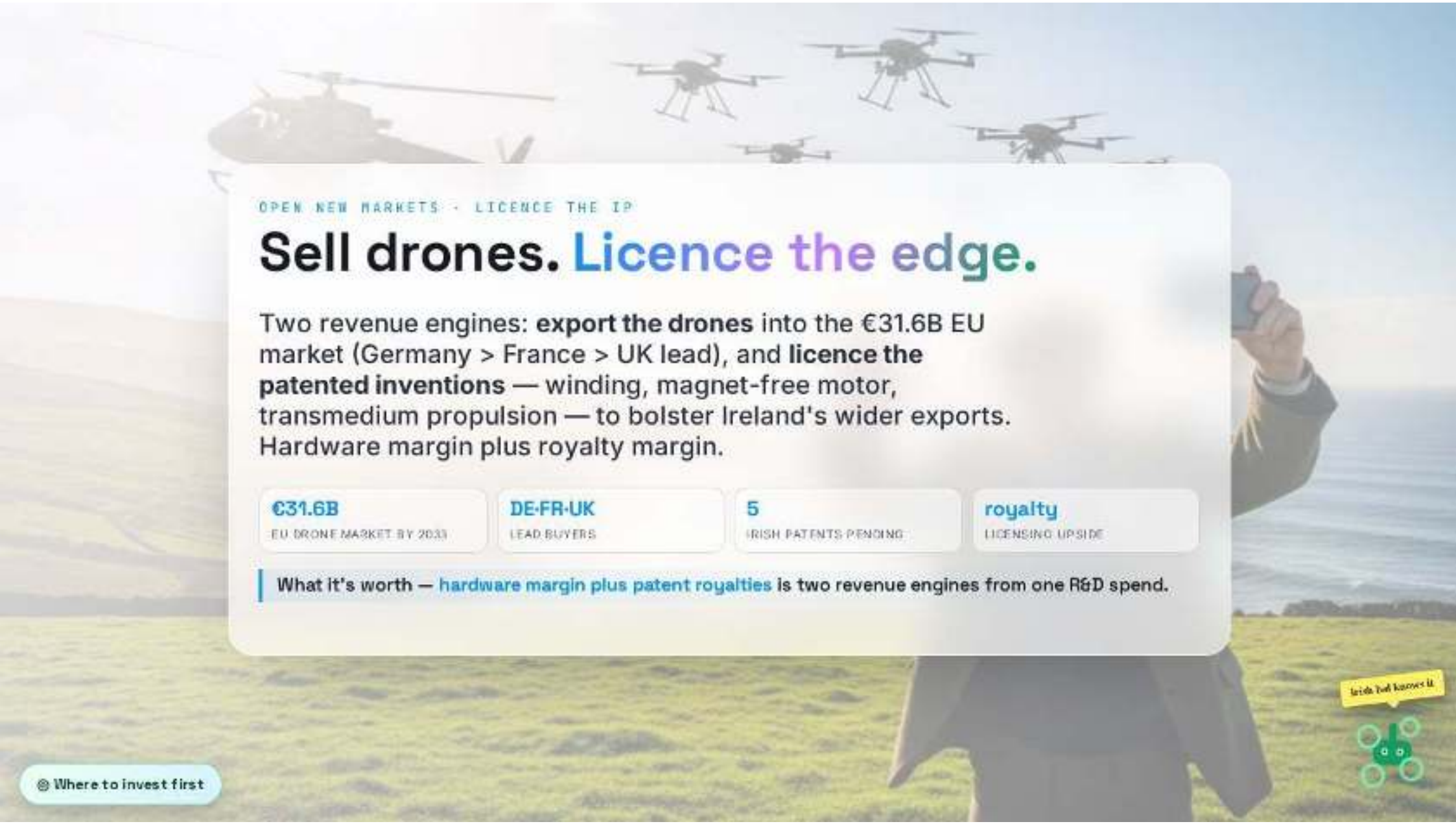
Proven overseas. Untapped here.

Share of agri spraying done by drones. Japan/Korea mature; Switzerland the EU pioneer; Ireland untapped. Sources cited.

Japan: Yanaha >40% of rice area · S.Korea: 30% of spraying · Switzerland: first EU approver (vineyards). Ireland ~0% — the open goal. Sources: Yamaha, Grand View, Agrarforschung Schweiz.

> The bottom line — **30–42% abroad vs ~0% here** is the clearest greenfield in European agri-drones.

Where to invest first



OPEN NEW MARKETS · LICENCE THE IP

Sell drones. Licence the edge.

Two revenue engines: **export the drones** into the €31.6B EU market (Germany > France > UK lead), and **licence the patented inventions** — winding, magnet-free motor, transmedium propulsion — to bolster Ireland's wider exports. Hardware margin plus royalty margin.

€31.6B	DE·FR·UK	5	royalty
EU DRONE MARKET BY 2033	LEAD BUYERS	IRISH PATENTS PENDING	LICENSING UPSIDE

What it's worth — hardware margin plus patent royalties is two revenue engines from one R&D spend.

Where to invest first

TOUGH, FIXABLE — AND IRELAND WANTS IT

Built to be broken & fixed.

- **Resilient:** ≤5 parts, sealed electronics, salt-fog-rated — tried and tested in Atlantic weather.
- **Repairable:** field-swap on standard **18650** cells and snap-in modules — no return-to-base.
- **Wanted:** from the farmer chasing sheep with a "we need drones" banner to the county council — the demand is real, and a little bit fun.

≤5	18650	salt-fog	days
PARTS	FIELD BATTERIES	RATED	NOT WEEKS, TO REPAIR

> **Net effect** — cheap-to-repair, hard-to-kill drones **have the lowest whole-life cost — in a market that wants them.**

◎ Where to invest first

30 MISSIONS · 30 REVENUE LINES

Thirty ways to get paid.

Subsea-cable & maritime security — €1.7bn plan
State defence & EEZ protection

Truffle MRV + carbon + anti-theft — ~€42k/ha/yr
agri flagship + EU CRCF credits

Offshore-wind & infrastructure inspection — recurring
cheaper/safer than rope-access & helicopters

90-day county pilots — €50-150k each
the repeatable entry contract

Every one of the **30 use-cases** carries a revenue line — see the financial badge on each at /use-cases/.

Diversified demand — no single-customer risk. Figures modelled, to be validated.

> **Why it pays — 30 revenue lines mean no single-customer risk and many shots on goal.**

Where to invest first

IRELAND'S PATENT FACTORY

Patent after patent.

531	6	20 yr	R&D
PATENTS GENERATED	FILED IN IRELAND	TOLL-GATE EACH	CENTRES SEEDED

Our own engine (**patentfactory.ch**) drafts and prior-art-checks inventions on demand — turning R&D into a growing wall of Irish IP and funding new research centres. Every filing is an asset that compounds.

> For Ireland — each patent is a 20-year toll-gate on a market — and we own the factory that prints them.

Where to invest first

Out into the deep.

Beyond the coast lies **400,000 km²** of Irish seabed. **geometals.ai** maps its rare-earth and polymetallic prospectivity; transmedium drones survey it, **watch for oil leaks**, and seed a future **remote, low-impact** critical-minerals capability — run from the Donegal factory. A long-horizon R&D vision, built on real near-term seabed survey.

KM² IRISH SEABED	POLYMETALLIC TARGETS	EARLY WARNING	LOW-IMPACT, ROBOTIC

> On the numbers — owning the tools that map and guard the seabed is optionality no competitor holds.

Where to invest first

One operator. Fifty drones.

A single supervisor commands **50 transmedium drones** — fly, dive, surface — a fortified, software-leveraged watch over the Atlantic. The same automation density that makes the factory cheap makes the fleet cheap to run.

OPERATOR TO DRONES	ONE PLATFORM	LABOUR / DRONE-HOUR	PERSISTENT WATCH

> The case — at 1-to-50, labour approaches €0 per drone-hour — margin compounds with every aircraft.

Where to invest first

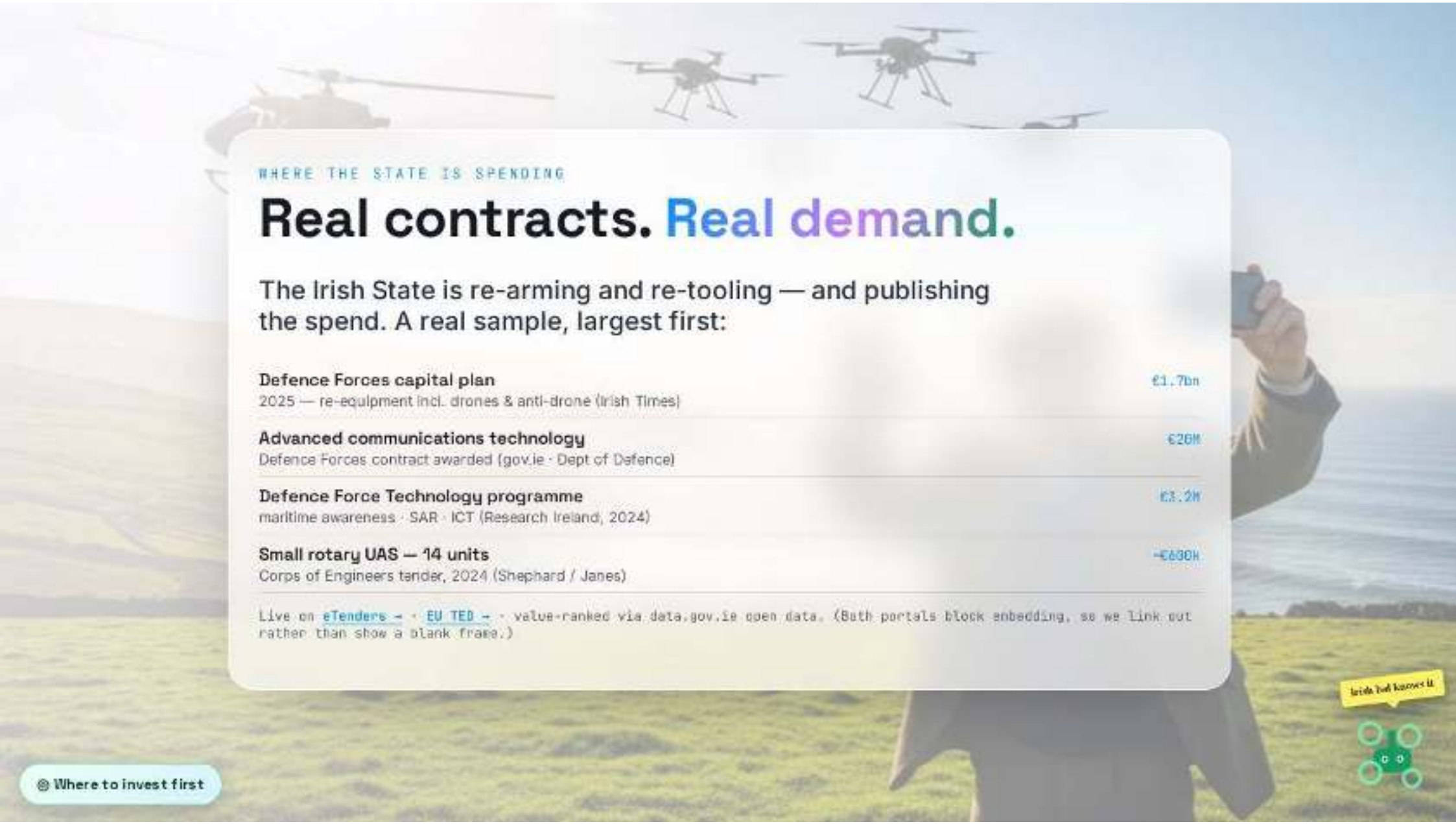
ALIGNED WITH NATIONAL POLICY

A High Potential Start-Up, by definition.

- Innovative, internationally-traded IP — **10+ jobs and €1M sales within three years**, headquartered and controlled in Ireland.
- Fits Enterprise Ireland HPSU, Údarás na Gaeltachta, LEO and New Frontiers — applied for transparently, on real merit.
- "Competitive advantage founded on sustainability, innovation and productivity."

Enterprise Ireland HPSU · White Paper on Enterprise 2022-2030

◎ Where to invest first



WHERE THE STATE IS SPENDING

Real contracts. Real demand.

The Irish State is re-arming and re-tooling — and publishing the spend. A real sample, largest first:

Defence Forces capital plan — €1.7bn
2025 — re-equipment incl. drones & anti-drone (Irish Times)

Advanced communications technology — €20M
Defence Forces contract awarded (gov.ie · Dept of Defence)

Defence Force Technology programme — €1.2M
maritime awareness · SAR · ICT (Research Ireland, 2024)

Small rotary UAS — 14 units — ~€60M
Corps of Engineers tender, 2024 (Shephard / Janes)

Live on eTenders → · EU TED → · value-ranked via data.gov.ie open data. (Both portals block embedding, so we link out rather than show a blank frame.)

Where to invest first

LIVE DEMAND · OPEN DATA

Irish public tenders, value-ranked.

€1.7bn Defence Forces capital & equipment plan

Department of Defence · 2025 — Re-equipment incl. drones & anti-drone systems

source: Irish Times

€20M Advanced communications technology

Defence Forces · 2024 — Contract awarded — secure comms

source: gov.ie · Dept of Defence

€3.2M Defence Force Technology programme

Research Ireland / Dept of Defence · 2024 — Maritime situational awareness · SAR · ICT

source: Research Ireland

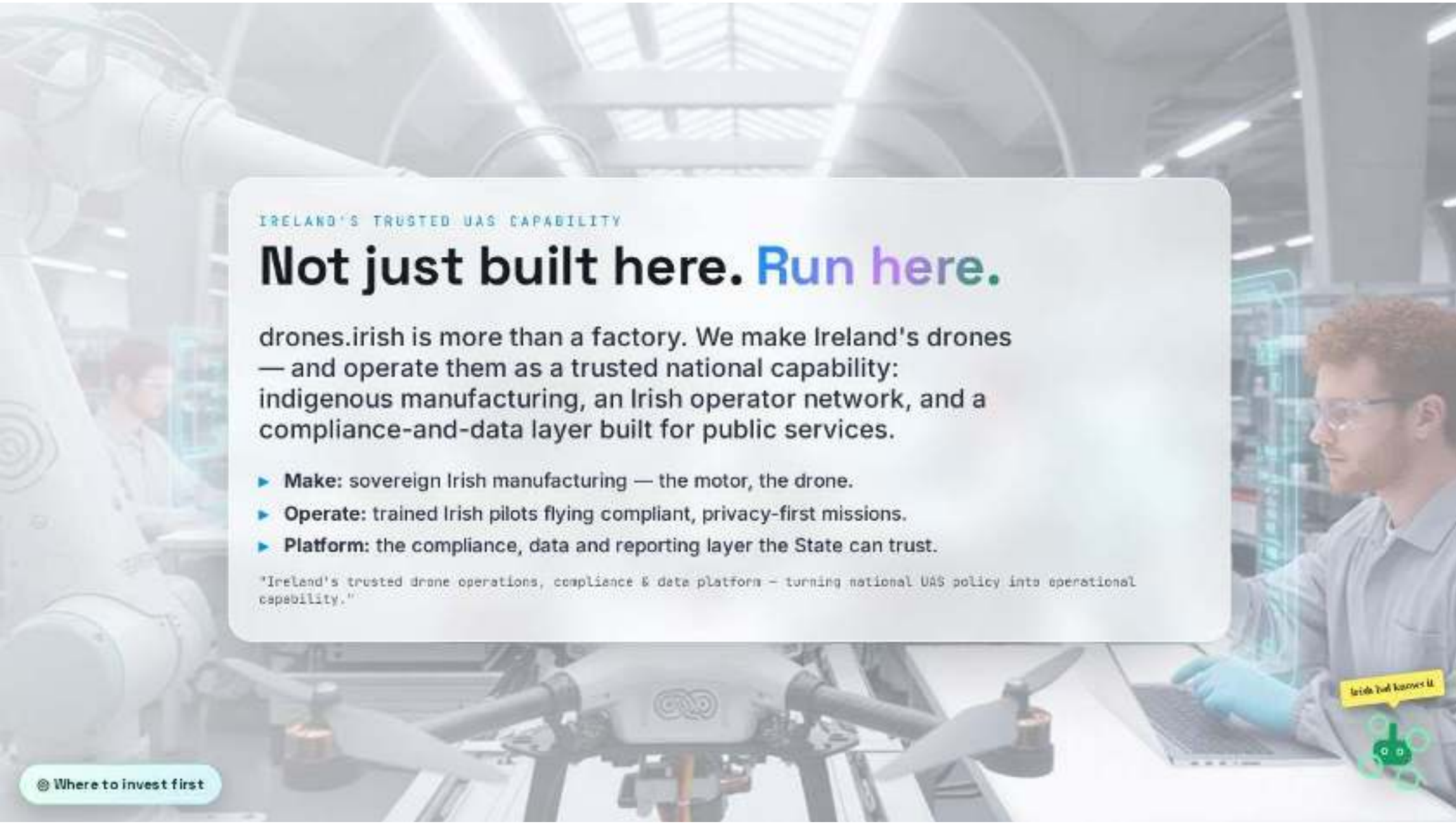
~€600k Small rotary UAS — 14 units

Defence Forces · Corps of Engineers · 2024 — Survey · surveillance · inspection · SAR

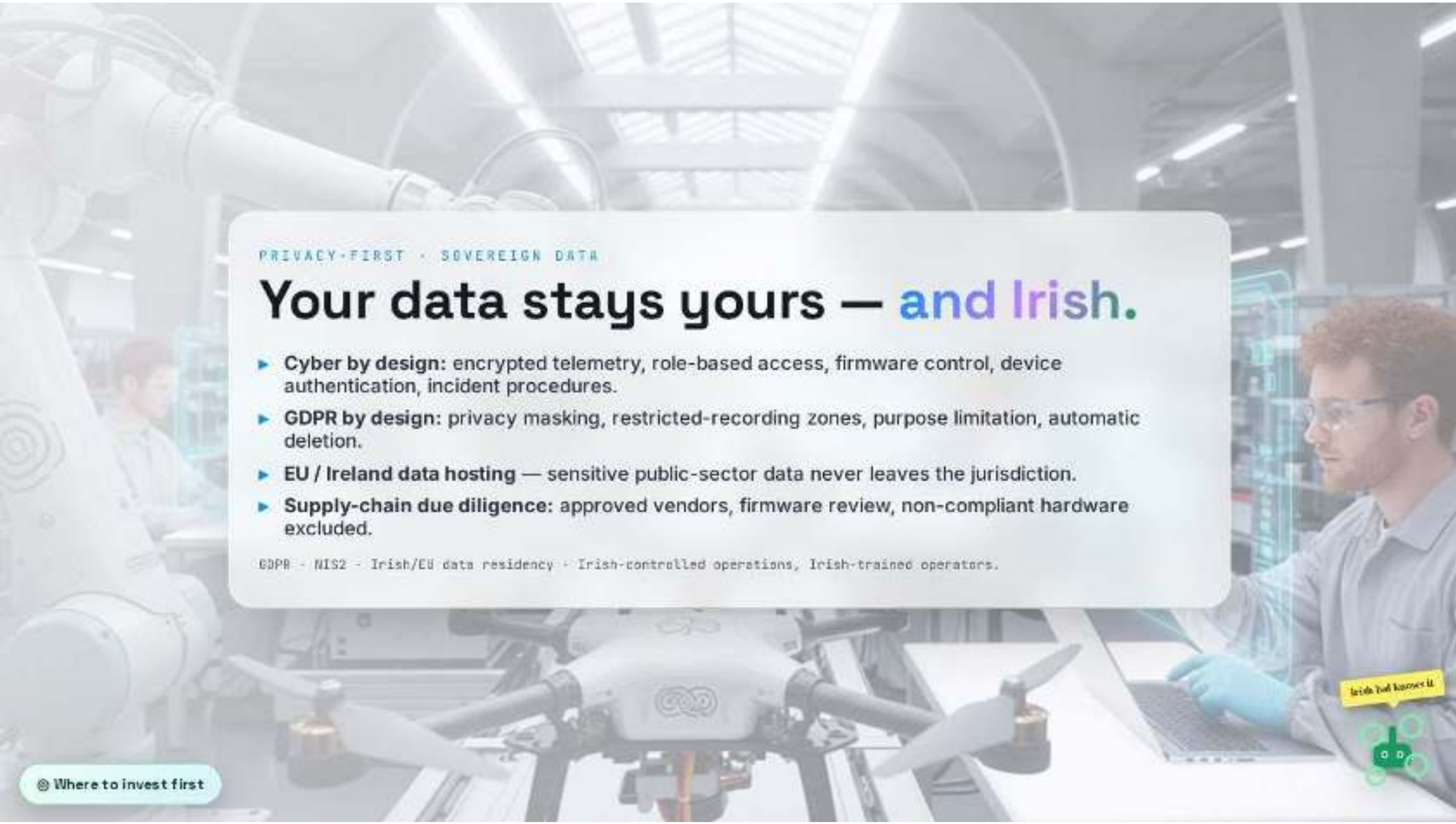
source: Shephard / Janes

Live as of 2026-06-30. Source: EU TED API & data.gov.ie eTenders open data — the portals block embedding, so we host the data and link out: eTenders → · TED →

Where to invest first


IRELAND'S TRUSTED UAS CAPABILITY
Not just built here. Run here.
drones.irish is more than a factory. We make Ireland's drones — and operate them as a trusted national capability: indigenous manufacturing, an Irish operator network, and a compliance-and-data layer built for public services.
Make: sovereign Irish manufacturing — the motor, the drone.
Operate: trained Irish pilots flying compliant, privacy-first missions.
Platform: the compliance, data and reporting layer the State can trust.
"Ireland's trusted drone operations, compliance & data platform — turning national UAS policy into operational capability."
Where to invest first


SAFE, SECURE, AUTHORISED
ROADMAP
Compliant by design.
IAA / EASA operator authorisation, drone registration, pilot competence, full insurance & third-party liability.
A formal safety case: risk assessments, pre-flight checklists, emergency procedures, audit logs, incident reporting.
BVLOS roadmap: Phase 1 visual-line-of-sight → Phase 2 extended ops → Phase 3 BVLOS, after authorisation & safety case.
Airspace integration: geofencing, restricted-zone checks, flight logging, U-space readiness.
Ireland UAS Policy Framework (2025) · IAA · EASA — we operate within it from day one (compliance roadmap).
Where to invest first



PRIVACY-FIRST · SOVEREIGN DATA

Your data stays yours — and Irish.

- **Cyber by design:** encrypted telemetry, role-based access, firmware control, device authentication, incident procedures.
- **GDPR by design:** privacy masking, restricted-recording zones, purpose limitation, automatic deletion.
- **EU / Ireland data hosting** — sensitive public-sector data never leaves the jurisdiction.
- **Supply-chain due diligence:** approved vendors, firmware review, non-compliant hardware excluded.

GDPR · NIS2 · Irish/EU data residency · Irish-controlled operations, Irish-trained operators.

Where to invest first


OUTCOMES, NOT FEATURES
What it's worth to Ireland.
-40–60%
INSPECTION SITE VISITS*
Faster
EMERGENCY RESPONSE*
Lower CO_2
FEWER VAN/HELI TRIPS*
Lower cost
WHOLE-LIFE, AUDITED*
We speak in procurement terms — social value, green procurement, SME participation, Irish employment, measurable impact. One drone inspection can replace multiple van trips, scaffolding visits or a helicopter flight.
* Industry-typical targets – confirmed per pilot, never promised in advance.
Where to invest first

A LOW-RISK FIRST STEP

One county. One mission. 90 days.

- Pick a beachhead: **infrastructure inspection**, **emergency-response mapping**, or **flood monitoring**.
- **Fixed price €50k–150k**, defined success metrics, and a final report the State can act on.
- Prove the value first — before any national commitment.

The entry contract designed for a "yes": measurable, bounded, Irish-delivered. The deliverable is the measurement report — not a performance guarantee.

◎ Where to invest first

WE INVITED THE HARDEST QUESTIONS

Red-teamed, then answered.

- **"The mission is vague."** → A trusted national UAS platform: we **make and operate**, compliantly.
- **"Who's the first buyer?"** → A **90-day county pilot** — local authority / emergency services.
- **"What about regulation?"** → IAA/EASA + a phased **BVLOS roadmap** + a formal safety case.
- **"Is it secure?"** → **Cyber + GDPR by design**, with EU/Ireland data residency.
- **"Where's the value?"** → **Quantified outcomes**, written in procurement language.

58 criticisms in, 58 improvements out — the full independent red-team is in our data room.

Where to invest first


SKILLS · JOBS · READINESS
drones.irish Academy.
Train Irish operators: flight skills, IAA-aligned certification support, safety workshops, public-sector drone-readiness.
A jobs pipeline in the Gaeltacht — converting local talent into certified pilots, technicians and mission planners.
Commercial model — local-authority tiers: Starter (inspection & reporting) · County (drone-in-a-box + AI modules) · Regional (full operations + SLA). Pricing indicative.
Training, certification support & subscription tiers — building domestic UAS capability and technical jobs.
Where to invest first

RESPONSIBLE BY DEFAULT

Safe for people, land & wildlife.

- **Environment:** wildlife-sensitive flight planning, noise limits, livestock avoidance, weather-window limits, community notification.
- **Built for Irish weather:** published wind/rain operating limits, backup planning, clear abort criteria.
- **Maintenance & traceability:** battery cycle logs, service intervals, pre/post-flight checklists, component records.
- **Incident protocols:** lost link · crash · GPS-spoofing · cyber · weather abort · battery · airspace conflict — each with a procedure.
- **Public trust:** public notices, complaint handling, mission transparency, full audit trail.

Operating responsibly is how a drone programme earns a community's consent.

◎ Where to invest first

WE PRE-ANSWER EVERY OBJECTION

How we kill the risk.

- **Magnet supply** → dual-source ferrite / iron-nitride, strategic stock, and magnet-free R&D.
- **One supplier** → a second source qualified; spares and tooling held on-shore.
- **Capital** → non-dilutive grants first; equity only to close the round.
- **Regulation** → built to IAA / EASA UAS rules from day one.
- **Neutrality** → lead civilian dual-use; defence only later, as an EU consortium partner.
- **Demand** → 30+ Irish missions plus an export-market swarm — never one customer.

Full register held internally — 36 risks, each with a mitigation · what we measure: 10+ jobs · €1M/3yr · ≥98% first-pass · ~5-no payback (modelled)

Where to invest first

THE STATE'S CHECKLIST · EVERY BOX MAPPED

Ticks every box.

Before any agency backs a project it runs the same checklist — eligibility, regulation, procurement, climate, governance, region. We mapped all six to a **named Irish or EU rule** and built to it. Status below is **aligned / route-mapped** — honest, not "already certified".

6 / 6	named	civil-first	data-room
STATE GATES MAPPED	RULE BEHIND EACH	NEUTRALITY-SAFE	FULL SOURCES

✓ Funding eligibility — HPSU · Údarás-led

Manufacturing + exportable IP + 150 jobs clears every HPSU floor; Donegal sits in the Border regional-aid area. (Enterprise Ireland · Údarás na Gaeltachta · SA.101399)

✓ Drone regulation — EASA · IAA

Built to an EASA C-class with CE marking; operations on the Specific-category SORA path. (Reg (EU) 2019/945 & 2019/947 · IAA)

✓ Public procurement — GPP · MEAT

Green Public Procurement is now mandatory — the precision-ag story fits; tax-clearance & eTenders-ready. (OGP Circular 17/2025 · Revenue)

✓ Climate targets — CAP 2025

Precision-ag & afforestation MRV serve the legally-binding 51% / agri −25% targets the EPA says are off-track. (Climate Action Plan 2025 · EPA)

✓ Governance — CRO · RBO · HSA · DPC

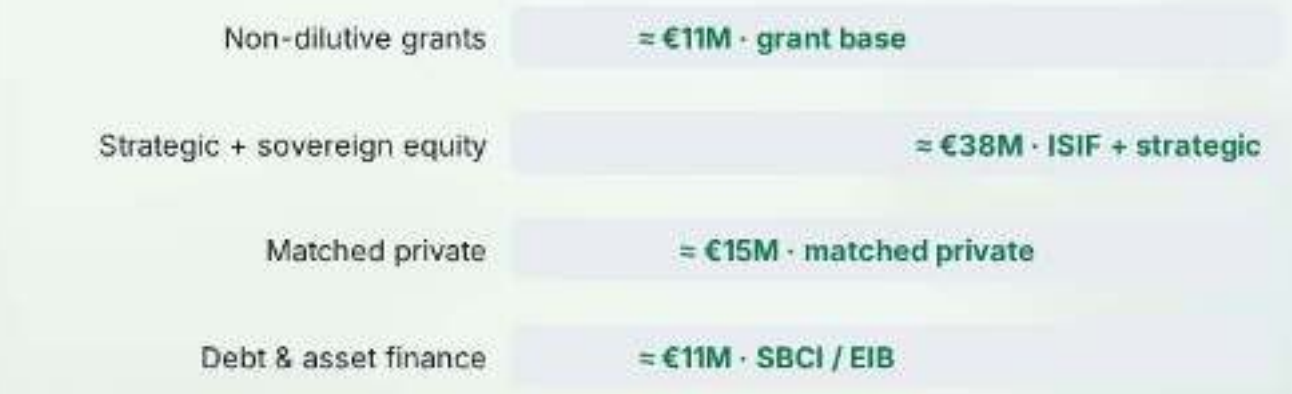
Company, beneficial-ownership, tax-clearance, health-&-safety and data-protection — all pre-ticked. (CRO · RBO · Revenue · HSA · DPC)

Where to invest first

THE FUNDING ARCHITECTURE · HONEST BY DESIGN

No single grant covers €75M.

And we know it. At this scale a project is a **"Large Investment Project"** under EU state-aid rules — grants are capped and the rest is blended. So we structure it as a **stack**: a non-dilutive grant base, strategic & sovereign equity, matched private capital and asset finance. **Capital follows proof.**



Illustrative split of a €75M programme — set with advisers. Hover / tap a bar.

€75M	≈ €2.2M	GBER	one lane
TOTAL PROGRAMME	SELF-FUNDING PHASE 1	STATE-AID-COMPLIANT	INDIGENOUS · ÚDARÁS-LED

Where to invest first

DELIVERING THE STATE'S OWN TARGETS

We help Ireland hit its own numbers.

The hardest, most behind targets in Irish law sit in agriculture and land use — and the State openly says it's off-track, with a measurement gap. Precision-ag and afforestation MRV drones are a **delivery mechanism** for the very numbers the State has already committed to.

51%	-25%	8,000 ha/yr	off-track
GHG CUT BY 2030 · IN LAW	AGRICULTURE TARGET	AFFORESTATION GOAL	EPA PROJECTION

AGRI variable-rate inputs → fertiliser efficiency, a named MACC measure for the −25% cut

MRV drone survey closes the State's admitted measure-report-verify tooling gap

GPP Green Public Procurement is now mandatory — the buyer rules favour this story

NEUTRAL civil-first & dual-use; safe anchor = Critical Seabed Infrastructure Protection (PESCO)

Climate Action Plan 2025 · EPA off-track projections (2025) · DGP GPP Circular 17/2025 · PESCO. Targets are the State's own; our contribution is a delivery tool, modelled.

> For the country — we don't ask the State to bend its rules; we help it hit the targets it has already set — and stay inside our neutrality.

◎ Where to invest first

THE PLATFORM PLAY · VISION

Replant Ireland. Outrun Japan.

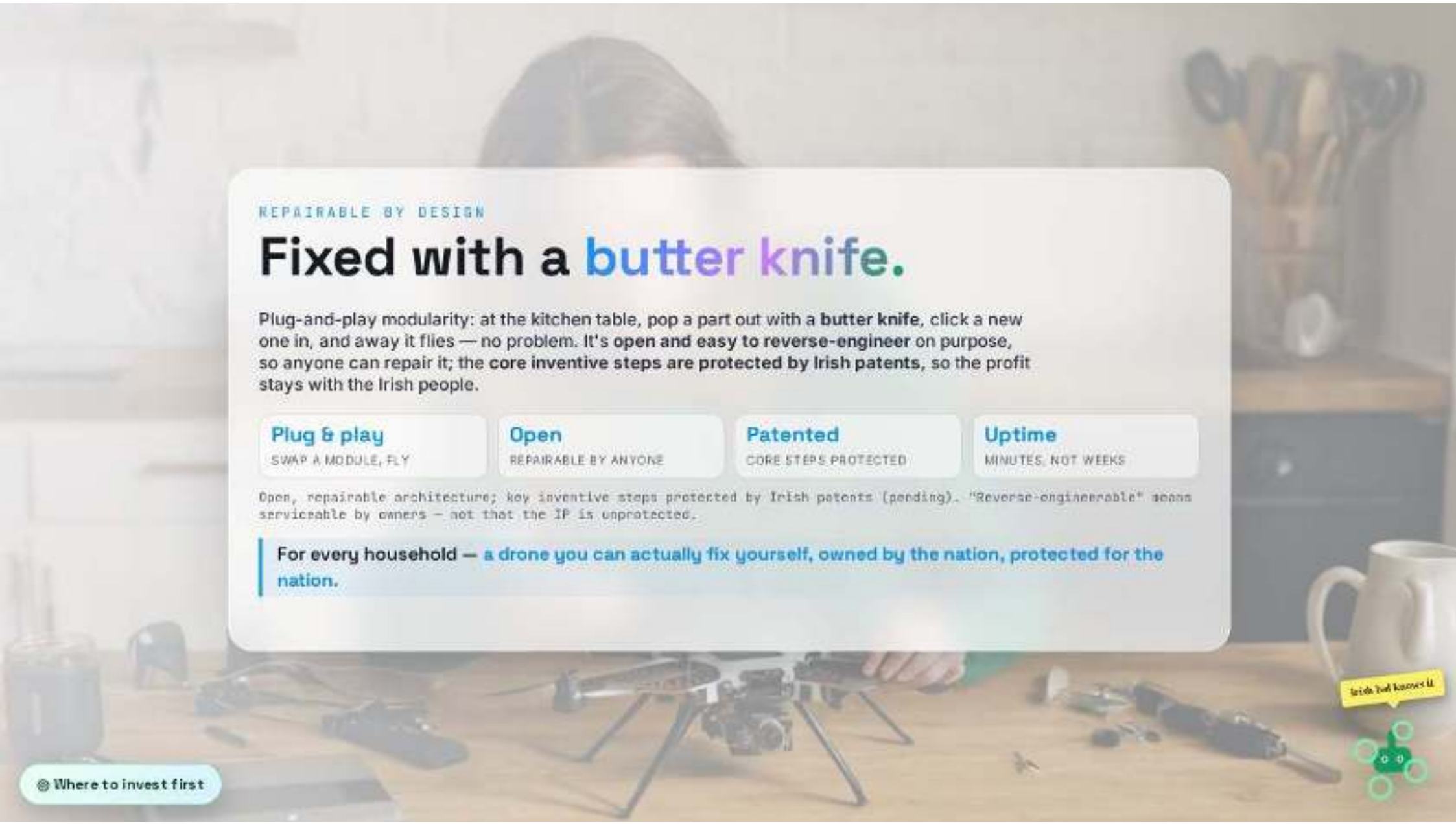
The motor is a **platform**, not a product. The same drive feeds **robotics (anthroid.ch)**; the same fleet, AI-routed, can **replant Ireland** — autonomous afforestation toward the 8,000 ha/yr target the State is missing. Japan took 25 years to build a $1.9bn drone economy; we **copy the proven demand and leapfrog with modern AI** — software-defined fleets that get better with every update.

1 platform	AI-routed	Replant	Leapfrog
MOTORS → DRONES → ROBOTS	FLEET LEARNS EACH FLIGHT	AUTONOMOUS AFFORESTATION	SKIP TO MODERN AI

Vision / roadmap — afforestation and robotics adjacencies are staged, bankrolled by near-term cash. Japan figure: $1.9bn drone economy (cited). AI claims are capability we build toward, not a guarantee.

> **In plain terms —** one Irish platform that compounds: each market we enter funds the next, and the fleet keeps getting smarter.

Where to invest first


REPAIRABLE BY DESIGN
Fixed with a butter knife.
Plug-and-play modularity: at the kitchen table, pop a part out with a butter knife, click a new one in, and away it flies — no problem. It's open and easy to reverse-engineer on purpose, so anyone can repair it; the core inventive steps are protected by Irish patents, so the profit stays with the Irish people.
Plug & play
SWAP A MODULE, FLY
Open
REPAIRABLE BY ANYONE
Patented
CORE STEPS PROTECTED
Uptime
MINUTES, NOT WEEKS
Open, repairable architecture; key inventive steps protected by Irish patents (pending). "Reverse-engineerable" means serviceable by owners — not that the IP is unprotected.
For every household — a drone you can actually fix yourself, owned by the nation, protected for the nation.
Where to invest first

AT REST, STILL WORKING

A quiet sentry by night.

As they rest on rooftops and recharge, the drones can act as a **privacy-respecting neighbourhood-watch** — monitoring silently and **alerting** to incidents as they happen, so communities feel guarded at night. In strong weather they **anchor to the ground, dock to a magnetic surface, or dive underwater** to ride out swells — so the Atlantic never blows the fleet out to sea.

Rooftop	Alert	Anchor / dock	Dive
RECHARGE & WATCH	INCIDENTS, NOT SURVEILLANCE	SURVIVE STORMS	RIDE OUT SWELLS

Neighbourhood-watch alerting only — GDPR-bound, civil, not autonomous surveillance or a crime-reduction guarantee. Storm-anchoring, magnetic-docking and water-landing are engineering goals on the roadmap.

> In plain terms — a fleet that earns by day, guards by night, and survives an Atlantic storm.

Where to invest first

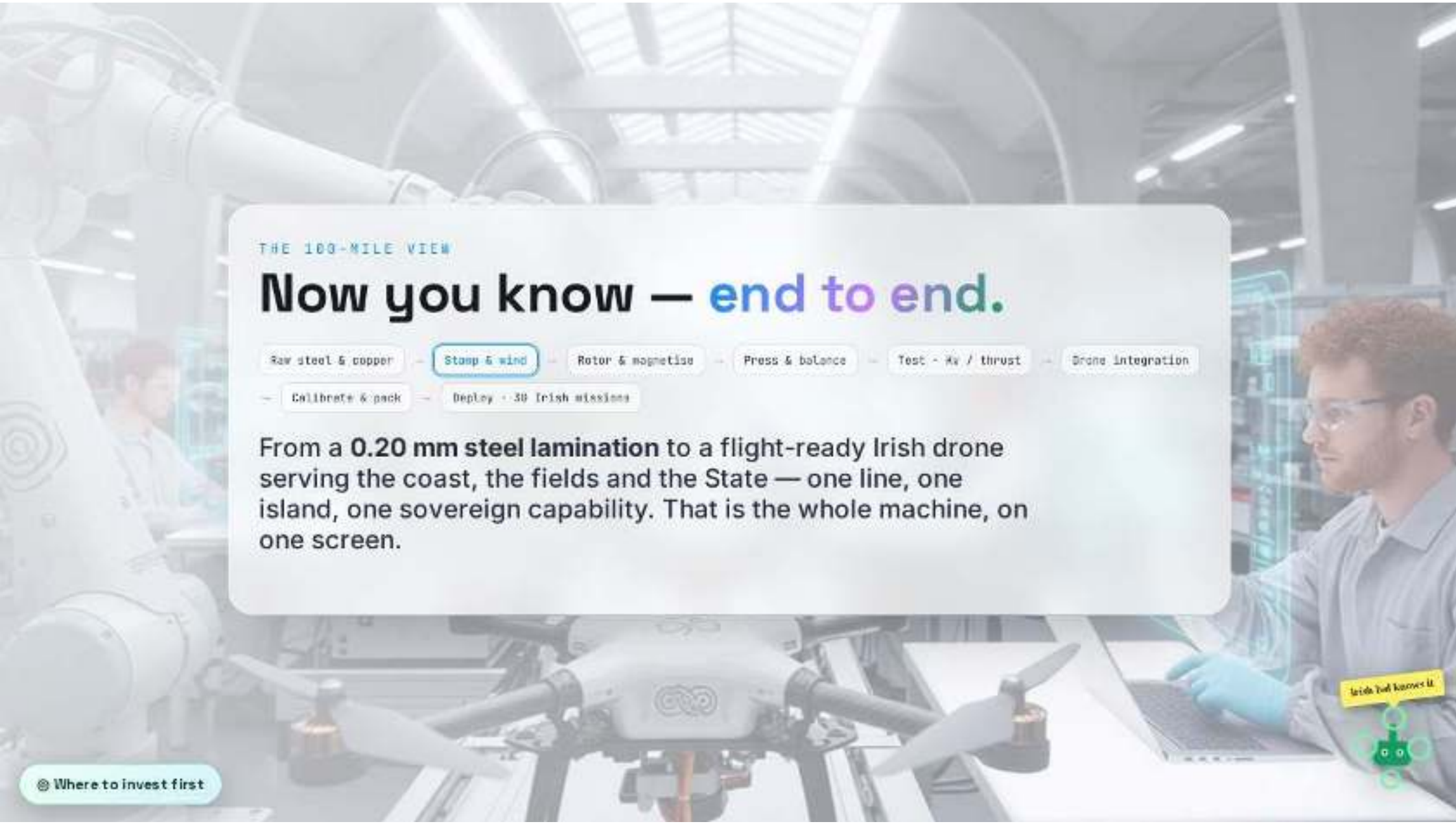
THE ASK

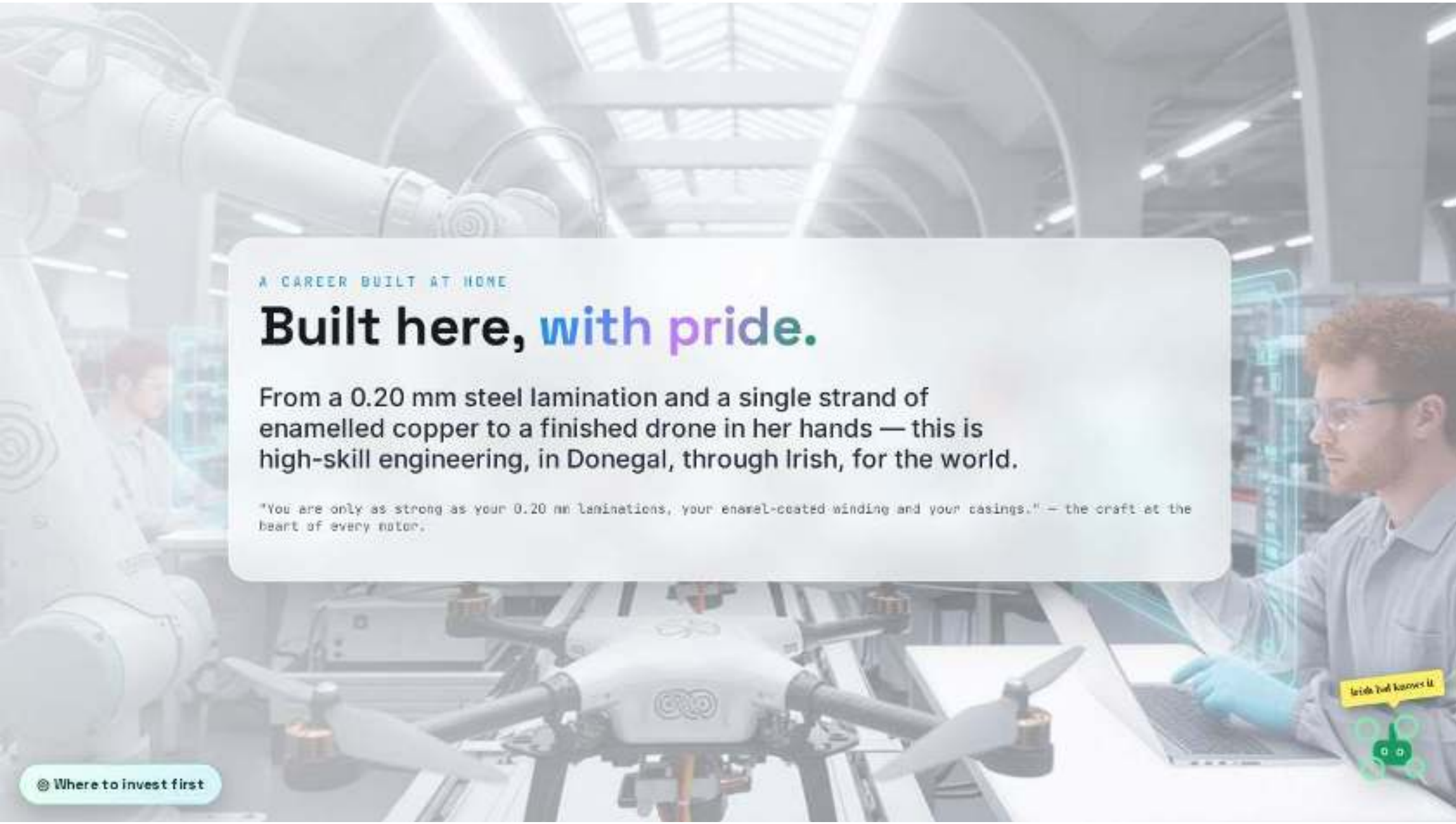
Let’s build it. Now.

Engineering-first, Ireland-resident operations. The threat is named, the demand is funded, the line is costed. We are ready to deliver the sovereign capability the State has called for.

hello@drones.irish · drones.irish

Where to invest first


THE 100-MILE VIEW
Now you know — end to end.
Raw steel & copper
Stamp & wind
Rotor & magnetise
Press & balance
Test · Kv / thrust
Drone integration
Calibrate & pack
Deploy · 30 Irish missions
From a 0.20 mm steel lamination to a flight-ready Irish drone serving the coast, the fields and the State — one line, one island, one sovereign capability. That is the whole machine, on one screen.
Where to invest first


A CAREER BUILT AT HOME
Built here, with pride.
From a 0.20 mm steel lamination and a single strand of enamelled copper to a finished drone in her hands — this is high-skill engineering, in Donegal, through Irish, for the world.
"You are only as strong as your 0.20 mm laminations, your enamel-coated winding and your casings." — the craft at the heart of every motor.
Where to invest first

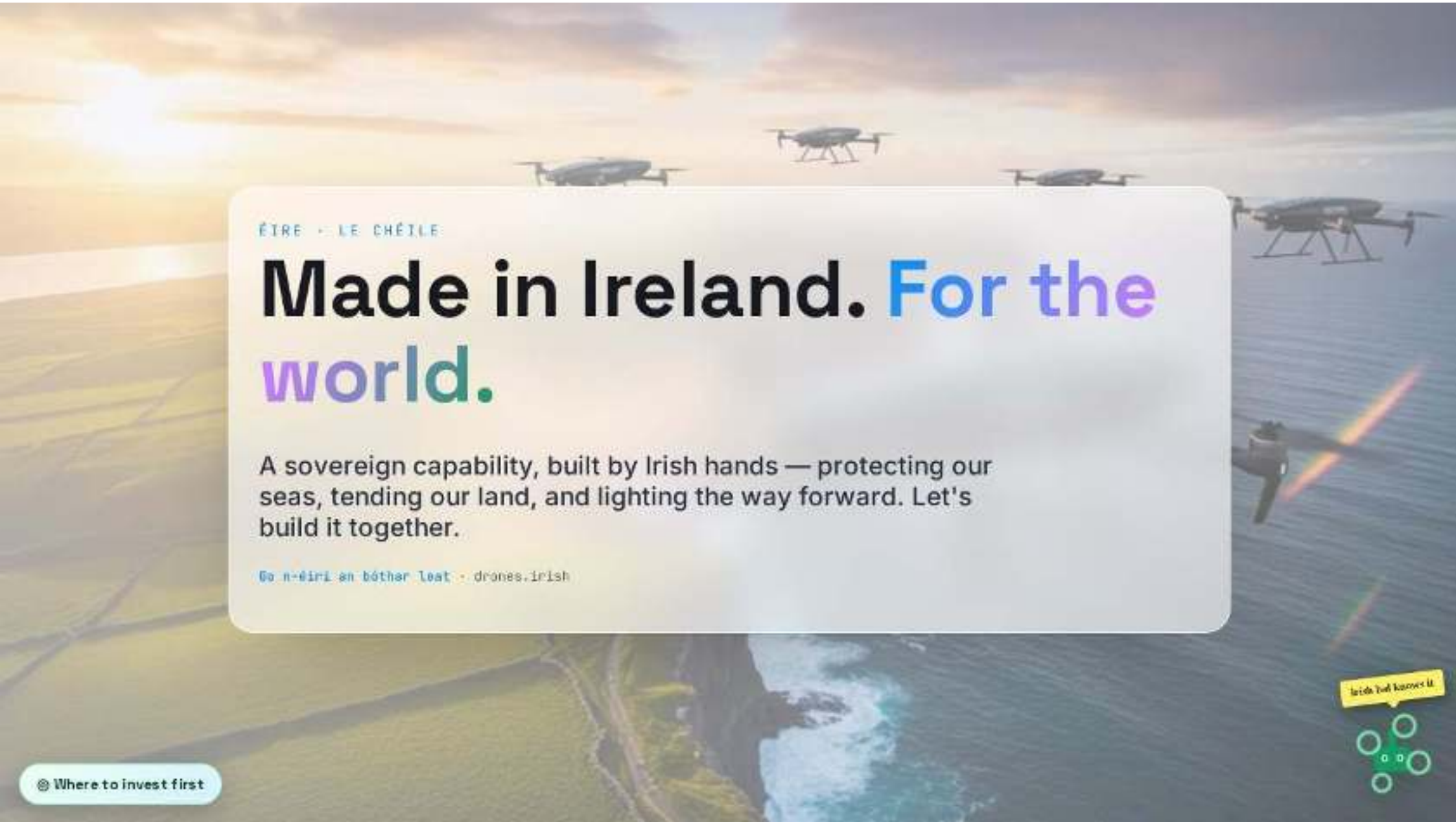
GO RAIBH MAITH AGAT

Thank you — for reading this far.

This is a real plan, built on real numbers, for a real need. If it makes sense to you the way it makes sense to us, then the best day to start was yesterday — and the next best day is today. We would be honoured to build it together.

drones.irish · hello@drones.irish · Le meas

Where to invest first


ÉIRE · LE CHÉILE
Made in Ireland. For the world.
A sovereign capability, built by Irish hands — protecting our seas, tending our land, and lighting the way forward. Let's build it together.
Go n-éirí an bóthar leat · drones.irish
Where to invest first