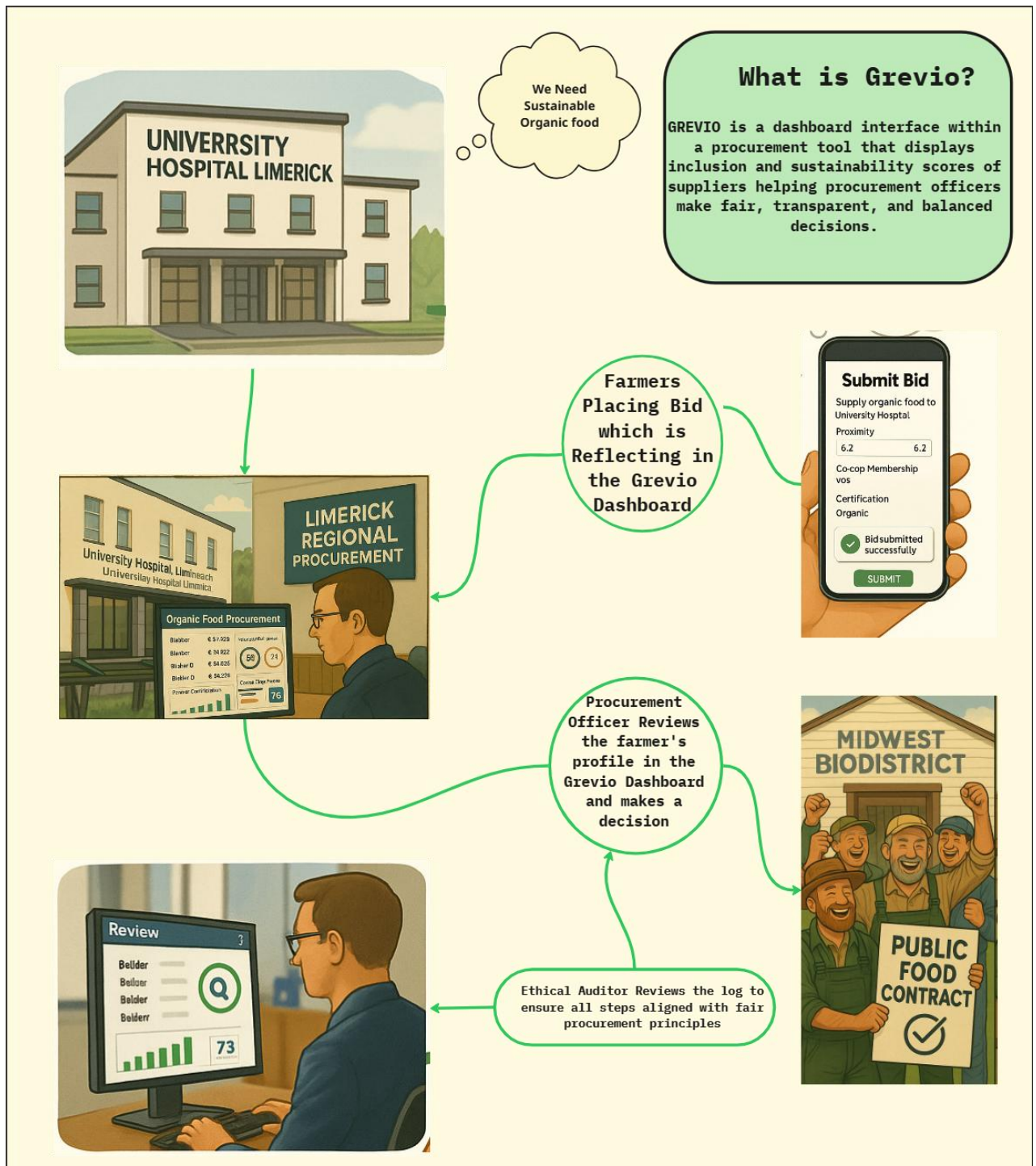


DFL WEEK 3 DELIVERABLE: POD 3 TEAM 12

GREVIO: ENABLING FAIR AND SUSTAINABLE PUBLIC FOOD PROCUREMENT

1. DEVICE SKETCH (VISUAL + DESCRIPTION)



The *Grevio Dashboard* is a digital procurement device designed to transform how public institutions evaluate food supply contracts, replacing price-only selection with metrics centered on fairness, sustainability, and inclusion. It is a key part of the **Public Procurement System Transformation Strategy**, developed to empower small organic farmers and democratize institutional sourcing.

Grevio is a desktop and mobile-accessible interface that enables procurement officers to assess supplier bids based on certified sustainability and equity indicators. These include proximity to service area, co-op membership, verified organic certification, and compliance with environmental targets. Real-time data from official databases and user feedback ensures scores are accurate, dynamic, and traceable.

Who uses it:

- Procurement officers to review bids and award contracts
- Small organic farmers to access institutional markets equitably
- Ethical auditors to verify adherence to public values
- Platform designers to refine the interface based on user input
- Policy makers to shape procurement thresholds with public outcomes in mind

What relationships does it reshape?

Grevio rebalances market access by giving underrepresented suppliers fair visibility. It builds new loops of trust among citizens, institutions, and producers. Procurement officers shift from price enforcers to value-based decision makers, while farmers become empowered co-creators in food system governance.

How it addresses the concern:

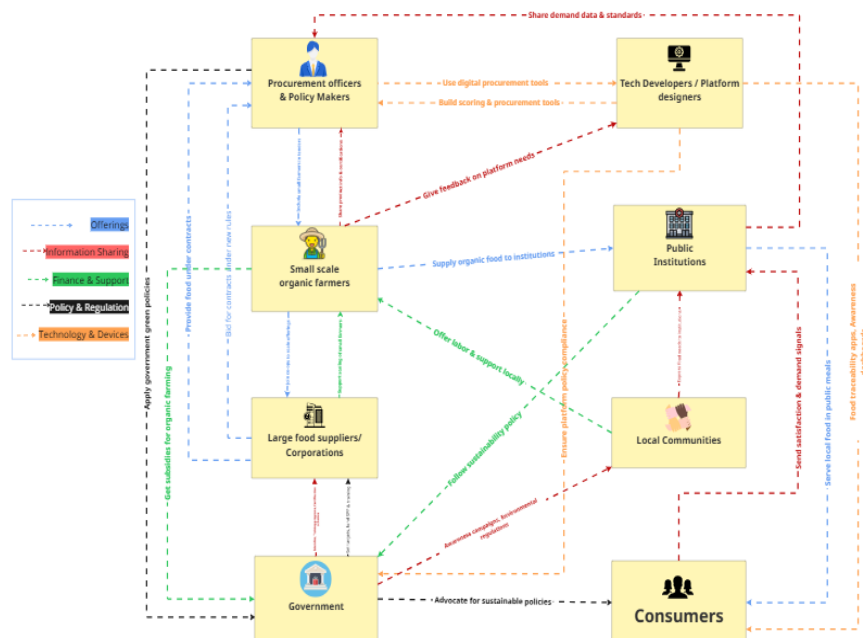
Many small farmers are excluded from public procurement due to price bias and administrative hurdles. Grevio replaces that system with one that rewards ethical and sustainable practices, offering digital scoring to reflect value beyond cost. Friction is reduced through intuitive access, training tools, and co-op advocacy.

What values it performs or enacts:

- Transparency: Scores and justifications are openly displayed and auditable
- Inclusivity: Co-op and location factors elevate smallholder bids
- Accountability: Logs allow auditors to ensure fairness
- Policy alignment: Implements green and health-aligned procurement goals
- Flexibility: Evolves with regional or national mandates.

2. Tool-Driven Analysis

2a. Systems DNA Mapping



The **GREVIO device** embeds a new set of values, rules, and behaviours into the public food procurement system. At its core, it promotes the values of **fairness, transparency, inclusion, and sustainability**. These values are reflected in how decisions are made—no longer solely based on price, but also on how suppliers contribute to local communities, meet sustainability standards, and whether they’ve had access to contracts in the past. The device helps shift procurement from efficiency-driven choices to ones rooted in equity and long-term public value.

GREVIO also introduces new **rules** into the system. Contracts must be scored using a clear set of criteria that include farmer certification, geographic proximity, co-op membership, and inclusion history. These rules are built into the dashboard and ensure that small organic farmers are not overlooked. Every contract decision can be audited, and every action is traceable. This strengthens accountability and encourages more responsible procurement practices across public institutions.

As a result, GREVIO encourages **new behaviours**. Procurement officers begin using inclusion scores as a normal part of their decision-making. Small-scale farmers feel more confident participating in the process through accessible digital platforms. Ethical auditors play a greater role in reviewing and validating procurement fairness. Policy makers and platform developers work together to ensure that the system stays aligned with public goals. And over time, communities start to trust the process more, knowing that their food systems are becoming more transparent, ethical, and inclusive.

2b. Devices From the Future

It's 7:00 a.m. in County Clare. A small organic farmer named Connor finishes checking the soil conditions on his farm. Before heading to his home, he pulls out his phone and opens the GREVIO mobile app, a platform he's come to trust. There's a new bid request from University Hospital Limerick. Connor selects his available produce, confirms his certification details, and sees a real-time preview of his Inclusion Score

The system highlights his high inclusion priority. Connor clicks "Submit Bid." He knows the GREVIO score ensures he won't be overlooked due to scale, something that used to discourage small farmers from even applying.

Meanwhile, at the Limerick Regional Procurement Department, Fiona, a procurement officer, logs into her GREVIO dashboard. Instead of just viewing prices, she sees a ranked list of bids based on a combination of cost, sustainability score, and inclusion metrics. Connor's bid catches her attention, not only does it meet the hospital's needs, but his GREVIO score indicates he's a qualified supplier who hasn't yet had access.

Fiona clicks to compare bids, reviews the verified data, and submits a preliminary decision. Minutes later, an ethical auditor automatically receives a log of her actions and confirms that all criteria were applied fairly.

For Connor, GREVIO has changed the game, he no longer needs to guess whether his bid will be buried under those from large suppliers. He has visibility, feedback, and a pathway into public markets.

For Fiona, procurement has shifted from a cost-first task to a value-driven responsibility. GREVIO gives her the confidence and tools to justify inclusive decisions, backed by data, and ensures her work meets ethical and regulatory expectations.

Together, they represent a new kind of public system, one where fairness isn't a manual exception, but a built-in feature.

3. Operational Considerations:

The procurement dashboard helps fix unfair public procurement that often leaves out small organic farmers. It highlights issues in the current system, which focuses too much on price instead of fairness or sustainability. It makes the problem visible by showing fairness scores—like how close a supplier is or if they are part of a co-op. Farmers get tools to apply easily, officers can see who's being included, and auditors can check for fairness.

Different people play key roles: farmers become confident bidders, officers make fair choices, and auditors ensure everything's transparent and ethical. The project grows through public goals, news stories, and support from local food councils and tech partners. Funding comes from government budgets, grants, public-private partnerships, and support from non-profits working on fairness or sustainability. It's governed by a mix of public agencies, advisory groups, and independent reviewers who keep it accountable and fair. Trust is built through open data, clear scoring methods, certified standards, and real-time feedback from users. This strategy can be integrated with existing procurement tools like SAP Ariba or ServiceNow, to embed inclusion scores, sustainability metrics, and ethical auditing directly into their decision-making workflows. Risks include data issues, tech barriers for some users, or bias in scoring. But with proper controls, these can be managed. Overall, the

dashboard creates a fairer, smarter way to buy for the public sector—helping small suppliers and improving trust in the system.



4. Open Questions and Design Dilemmas:

The whole strategy of GREVIO addresses the critical issue of unequal access to public contracts faced by small organic farmers and underrepresented suppliers. This problem has been identified by policymakers, cooperatives, ethical auditors, and procurement reform advocates. Small farmers often struggle with digital and procedural barriers, while procurement officers lack the tools to evaluate bids inclusively. The GREVIO Dashboard becomes necessary as it offers fair, data-driven scoring based on participation metrics like cooperative membership, geographic proximity, and access history. Different actors are drawn in through features that directly benefit them: simplified digital access for farmers, actionable dashboards for officers, and policy-aligned insights for lawmakers. Success stories of small producers securing contracts help build trust across the system and align interests among stakeholders. The dashboard actively supports compliance with ESG targets, the Common Agricultural Policy (CAP), and Sustainable Development Goal 12.7, while challenging outdated procurement systems focused solely on low cost. It replaces dependency on large, low-cost suppliers and addresses concerns surrounding digital exclusion.

New roles emerge in this ecosystem: procurement officers act as fairness enablers, farmers become empowered bidders, and ethical auditors serve as validators of the process. These roles are supported by regular use of digital bidding tools, inclusion dashboards, and audit review functions. Routines such as weekly data updates, monthly auditing, and annual impact reporting help stabilize and normalize equitable procurement practices. GREVIO is designed to integrate into existing procurement workflows, embedding fairness and transparency into everyday decision-making. Collective action is further supported by system-generated contract metrics and inclusion trend reports. Public technology teams maintain the dashboard to ensure long-term continuity and adaptability. Leadership within procurement offices, food councils, and independent auditors represent and guide the system. With real-time data inputs and adaptable scoring criteria, GREVIO remains transparent, traceable, and responsive to new challenges and evolving local needs—helping the entire network stay aligned and future-ready.

We invite local authorities, procurement professionals, farmer cooperatives, and public institutions to join us in shaping the future of fair and inclusive food procurement. GREVIO is more than a tool, it's a shared opportunity to build systems that reflect our collective values.

Let's work together to make public procurement transparent, sustainable, and accessible for all.