Farmers, growers and producers are having to capture and manage huge amounts of information via various means and in different places that aren't always connected. It's important information, but right now, it's very hard to manage.

Crop information

Geospatial information

Animal welfare

Environmental data

Provenance, consumer engagement

Financial access

Market access

Compliance

We have developed a decentralised framework that will mean you (the farmer or grower) retain ownership and control over your data and digital identity, stored locally on your own network.

Through the use of this technology, as an industry we remain connected, and can request and share verified information quickly and with ease. This will enhance the entire ecosystem and is able to unlock real value for the sector.

Identity

Location

Critical control points/ transactions

Stay in touch

Follow us on LinkedIn and talk to us, let's tackle the journey together.

For more information please email
klaeri.schelhowe@trustalliance.co.nz
(TANZ Executive Director)

Scan below to find us on LinkedIn.
For more information on TANZ visit
trustalliance.co.nz

Trust Alliance New Zealand

Unlock value from farm data

through a decentralised data sharing network where farmers maintain control

Trust Alliance New Zealand

Manage critical farm data in an efficient, and secure way

Permission and control data transfer between different farm management systems
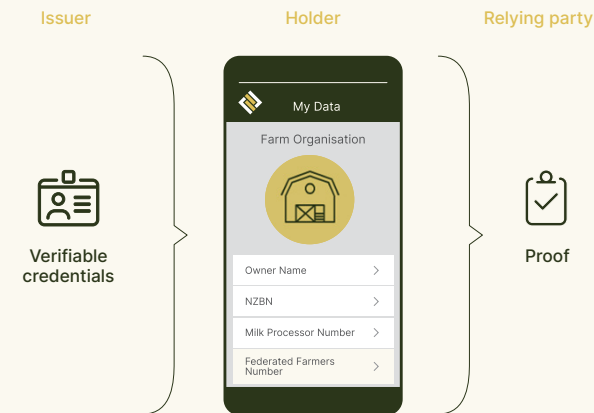
What is a digital farm wallet?

The digital farm wallet is a tool that enables farmers, farm enterprises, industry organisations, and other stakeholders to easily share and verify information in a trusted and permissioned manner, while protecting individuals' data privacy rights.

It also enables a move from brand promise to brand proof in the marketplace by providing trust and transparency in the value chain.

We believe that by adopting verifiable credentials, we can demonstrate our true commitment to creating a more secure and transparent digital economy.

Issuer — Verifiable credentials

Holder — My Data / Farm Organisation

- Owner Name
- NZBN
- Milk Processor Number
- Federated Farmers Number

Relying party — Proof

Trust Registry

Trust Alliance New Zealand

Governance Framework

Benefits

- Turn compliance work into real value.
- Transform the selling narrative from brand promise to brand proof.
- Prove reduced environmental impact.
- Show evidence of good management practice.
- Ensure and increase international market access.
- Unlock better financial access.

Verifiable Credentials (VC's) – A claim, a data attribute or a file related to an identity, which can be presented, shared and verified by other parties as a digital proof.

Issuer – Entity which issues credentials. Credentials are issued as Verifiable Credentials (VC). Software Solution Providers, Data Providers, Service Partners for/to farms.

Relying Party – Entity which requests and receives VC's from Holder and provides benefits from them.

- Verifiable Credentials and Presentations have valid digital signatures.
- Verifiable Credentials are trustworthy and permissioned.
- Holder entitled to hold them.

Regional Councils, Catchments Groups, Assurance Programs, Buyers, Consumers, Banks, Insurance Providers, MfE, MPI, Industry Bodies, Fertiliser Company, Rural Consultancy, IVA's, CRI's.

Holder – Entity holding the VC's and presents it to the Relying Party. Credentials are presented as Verifiable Presentations, which can be verified and/or transferred by permission.

Trust Registry – A cryptographical anchor point for the verifiable credentials and meta-data.

- Public keys of the issuer.
- Schemas and properties that VC contain.

Governance Trust Framework – Defines policies, rules and roles within the data sharing ecosystem.