

Composting

With UMH





Small Scale Farming

High Variety – Low Volume Production

Grazing Operation

Animals are managed through High Intensity Rotations pasturing.

Stewardship

Sustainability,
Biodiversity,
Conservation.

Agro Forestry

Leverage the benefits of the forest going beyond harvesting forest for lumber.

Agro Tourism

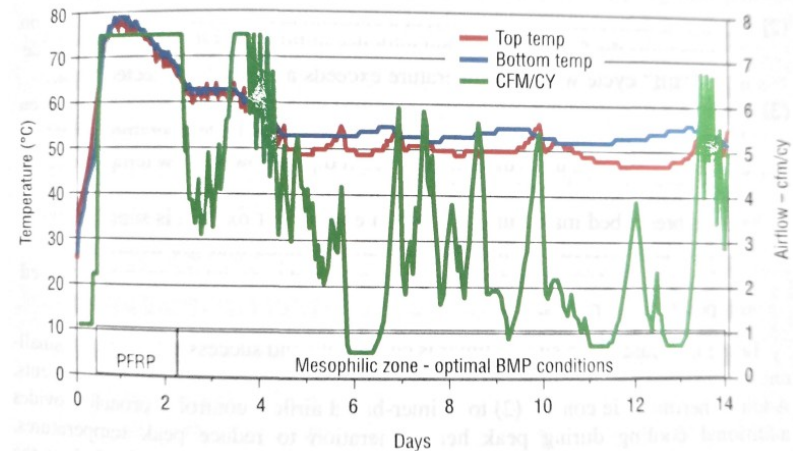
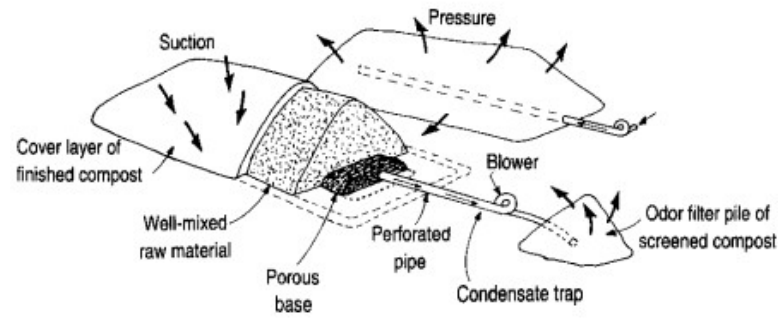
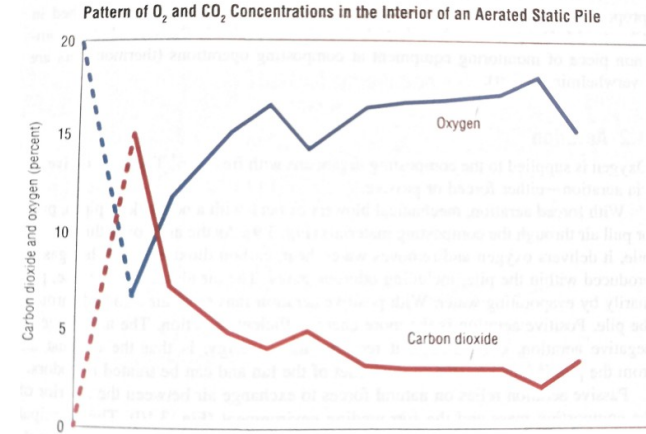
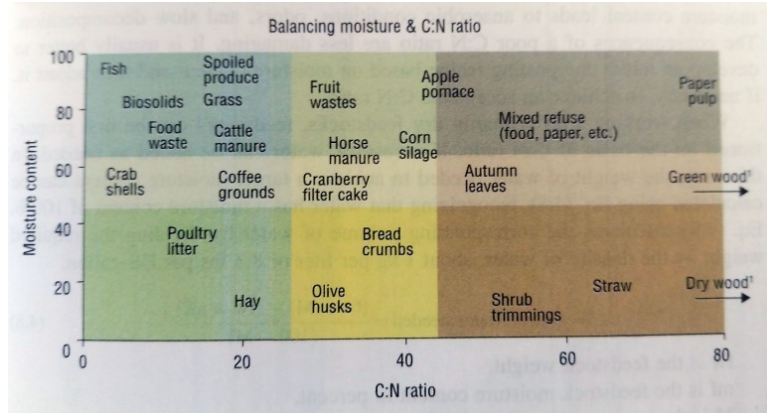
Allow others to enjoy
understand our practices

In short,

- 60 Cattle
- 60 Sheep
- 15 horses
- Chickens and Ducks
- Mushrooms
- Bees



Aerated Static Pile Composting

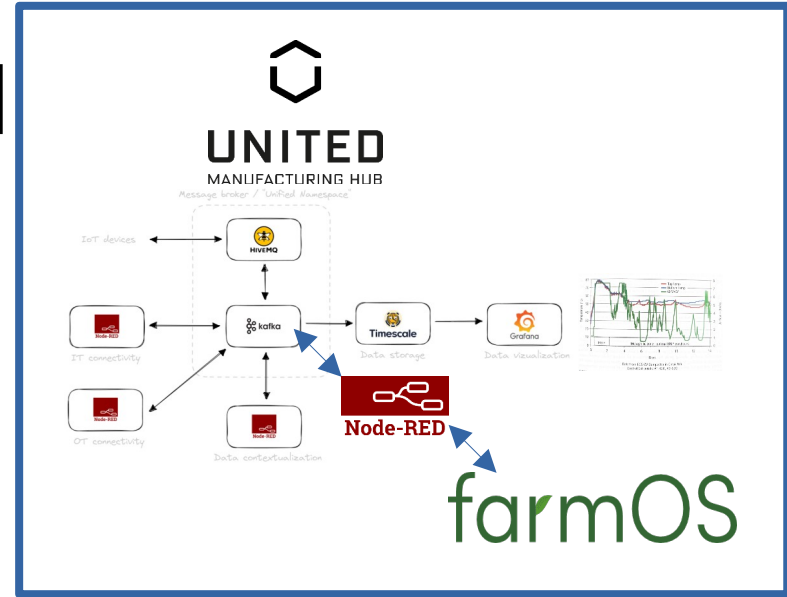
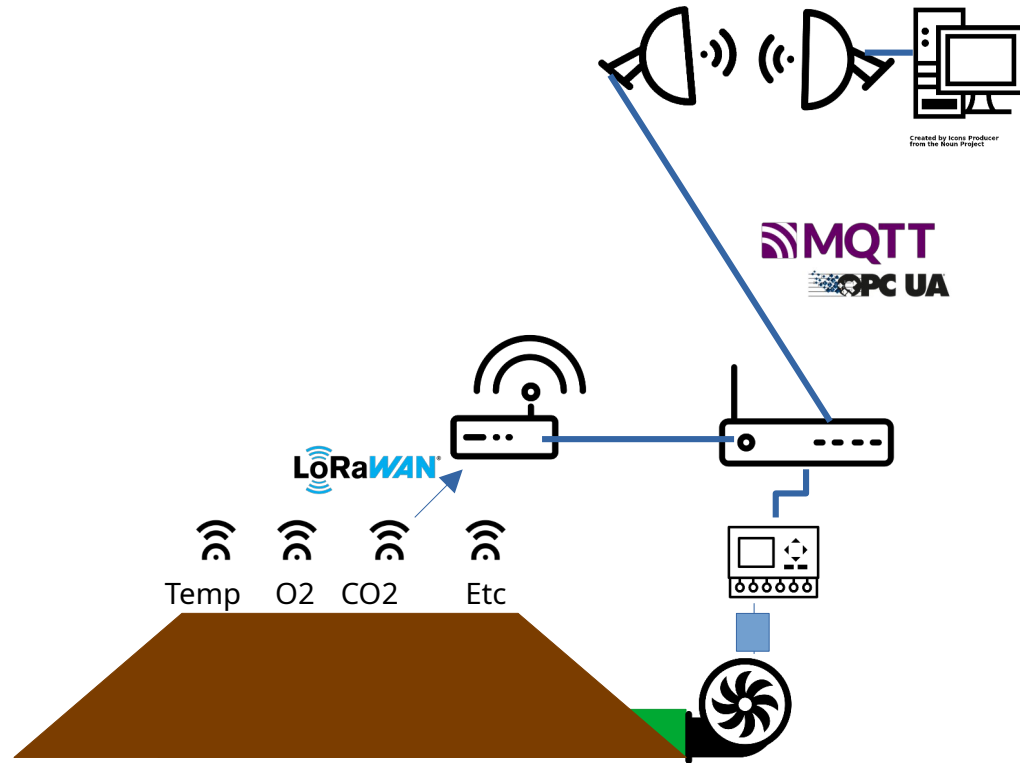


*Source: The Composting Handbook

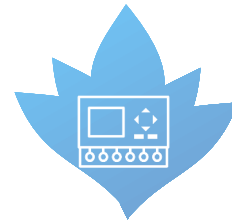
<https://www.compostfoundation.org/Education/The-Composting-Handbook>

Data from ECR CV Composter in Omak WA
Control set points: #1=62C, #2=52C

Architecture



Desired Operation



**New Pile
Asset
Created**

Feedstock is ready
for composting

**Compost
Start**

**Data
Acquisition
During
Composting**

**Compost
Matured**

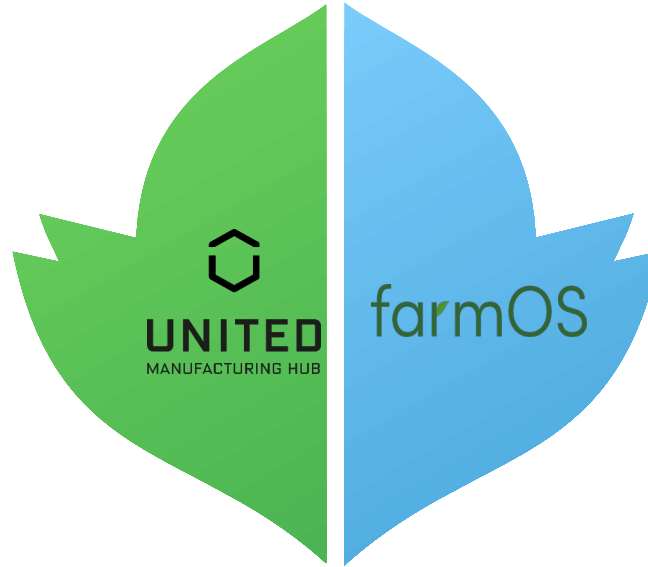
Reporting

High Variety Low Volume

Challenges

M4.0 Stack

Use cases on small farms
has lots of potential if
done correctly!



"MES"

Built with farms
in mind

Thank you!

