

# Farm Medicine Tracker

Tracking the way for a new standard in providing and monitoring best practice for medicines use on farm.

Phil Sketchley – Director, Farm Medicine Tracker.

## Concept moving to design.

- Article 54 outlines the information needed for Data collection – but only----- ‘what’, ‘where’ and ‘how much’ has been used.
- With a few more ‘clicks’ we can provide the Vet and their Farmer with many more benefits.
- Throughout 2015 discussions with Pioneer Partners has paved the way to convert an idea into a tangible solution.
- Insufficient time to go into detail today ----
- This presentation will just outline the tracks taken so far and the way forward.

# What will Farm Medicine Tracker Offer?

- Smart Phone technology.
- Pen Side 'dash board' with a Virtual Medicines cabinet of Rx medicines – but without scanning by farmer!
- No requirement for Wi Fi or mobile signal.
- Farmer logs medicines used for each individual animal or group
  - batch number, expiry date, dose, withhold, etc.
  - No more 'medicine books' but much more-----
- Ongoing Interaction between farmer and their vet for Responsible Use.
- All the information needed for correct administration – SPC linked
- Ability to record and analysis treatment outcomes
- Easy export of required data for Regulatory Data Hub - but much more.

## How will it work?

- Vet scans medicines at time of Rx /dispensing – GTIN+ collected.
- Information retained against farm client in central SQL database
- Farmer has encrypted access to same database of his Rx medicines supplied by vet – transferred to Smart Phone in the form of a Virtual Medicine cabinet for pen side use.
- Farmer administers + condition being treated recorded for each animal or groups of animals
- Timed reminders for subsequent doses in accordance with Rx
- Facility for pen side knowledge transfer of key medicine usage data, administration techniques and A H information

# FARM MEDICINE TRACKER



**FMT DATABASE**

SQL Server  
SSL Protected

# FARM MEDICINE TRACKER

**FARM** 

**ACCESS THROUGH REPOSIVE WEBSITE  
(DESKTOP & TABLET)**

 **VET**

Treatment data linked to animal ID,  
traceability birth to slaughter.



Optimal and responsible use  
of antibiotics



Improved health outcomes



Improved production



Best practice administration  
techniques.



SPC



**FMT DATABASE**

SQL Server  
SSL Protected



All antibiotics scanned when dispensed  
to farmer from premises or vehicle.



Monitor antibiotic usage on farm  
in real-time.



Monitor treatment outcomes.



Disease surveillance on farm.



Cost of disease analysis.

National / Regional data outputs

Regulatory Authorities

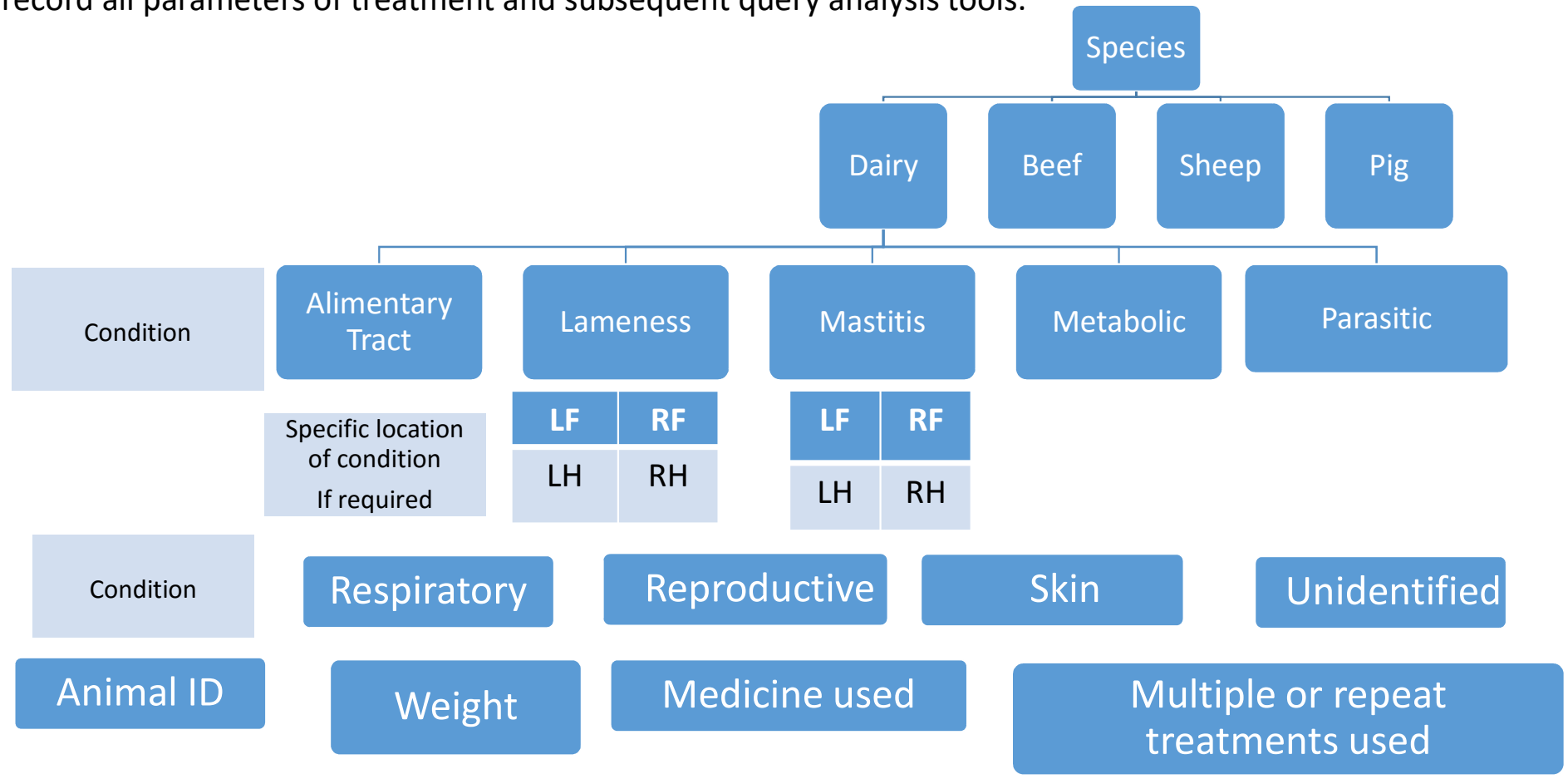
Industry

Farm Assurance

Consumer Confidence

# Farm Treatment Dash Board – input touch screen

Ability to record all parameters of treatment and subsequent query analysis tools.



## Next stages.

- Working with Pioneer Partners to define the next steps.
- Continued discussions with stakeholders & new partners.
- Outline spec already drafted – pilot studies start early 2016
- Thanks to



for their commitment to support.

- Watch this space ----- we believe we are on the right track.