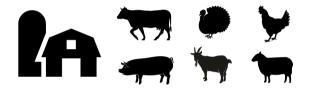




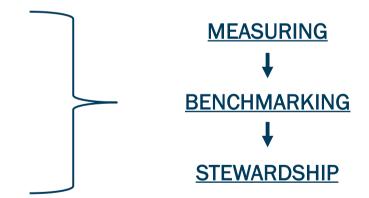
THE ITALIAN STRATEGY

Reducing and rationalising AMU in order to ensure livestock survival





- ✓ Improving the management of antimicrobials
- ✓ Improving the levels of biosecurity and animal welfare



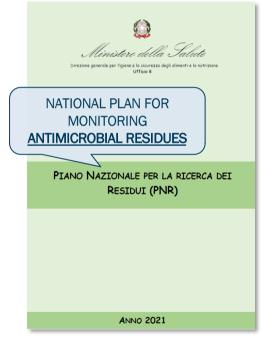


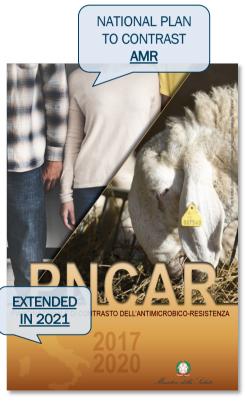
Sistema Informativo Nazionale della Farmacosovregilanza Ricetta Veterinaria Elettronica Itone Vote de qui Informativo Nazionale della Salute - Direzione generale della Sanità animale e dei farmaci veterinaria Sutema Informativo Nazionale della Genezione di Vote della Salute - Direzione generale della Sanità animale e dei farmaci veterinaria Sutema Informativo Nazionale della framecovoque ap el di completa gigilizzazione della genezione dei redocinal interiora, di di processore di que della consistenzione della Salute - Direzione generale della sanità animale e dei farmaci veterinaria il veterinaria di disconsistenzione della Genezione della Ge



CURRENT INITITIVES

Addressing AMR from several perspectives







CURRENT INITITIVES

The ClassyFarm integrated system



- → Result of the **collaboration** among **stakeholders**
- → Fully available for pigs, cattle and poultry (partially for other; e.g. sheep and goats)
- → Interactive dashboards via business intelligence (BI)
- → Areas of interest
 - ✓ AMU/AMR → AMS and pharmacosurveillance
 - √ Biosecurity
 - ✓ Animal Welfare
 - ✓ Slaughterhouse data (under trials)



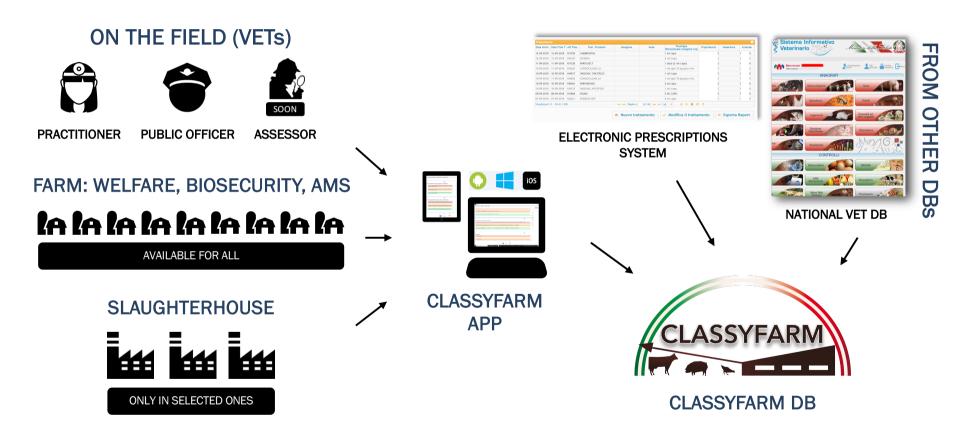






THE CLASSYFARM SYSTEM

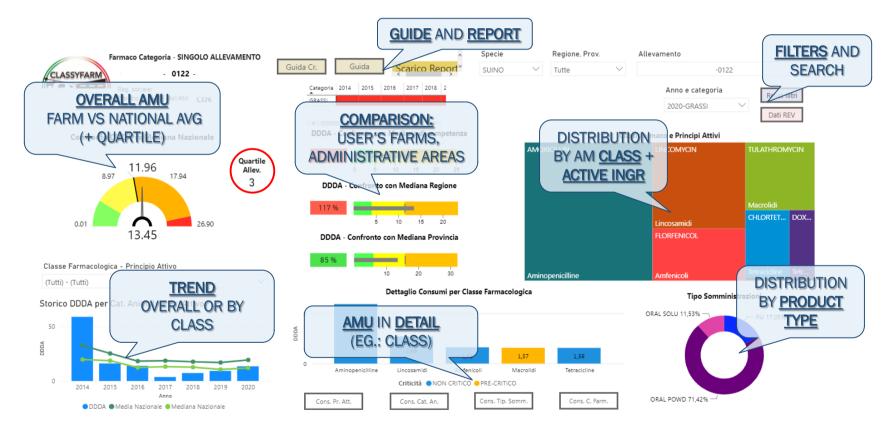
Different data sources for an integrated stewardship tool





FARM-LEVEL AMU

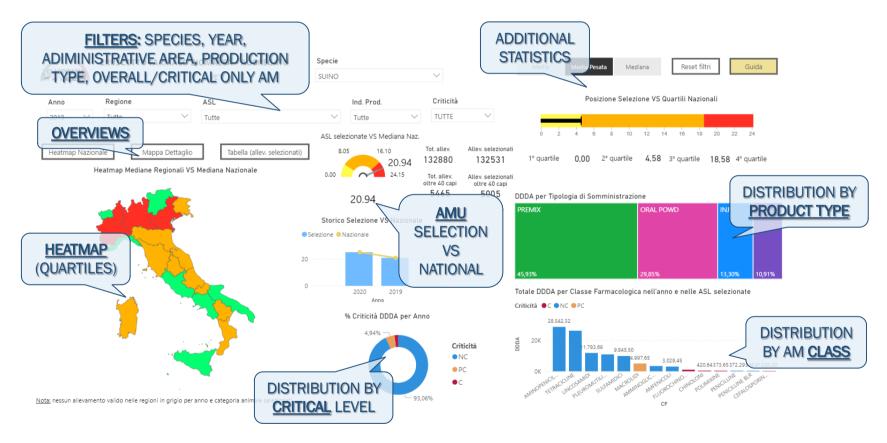
Measuring & Benchmarking





AREA-LEVEL AMU

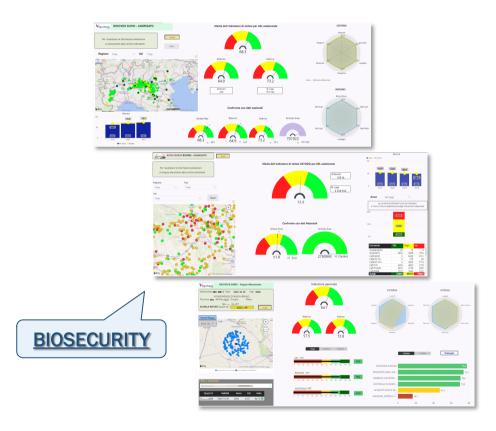
Measuring & Benchmarking



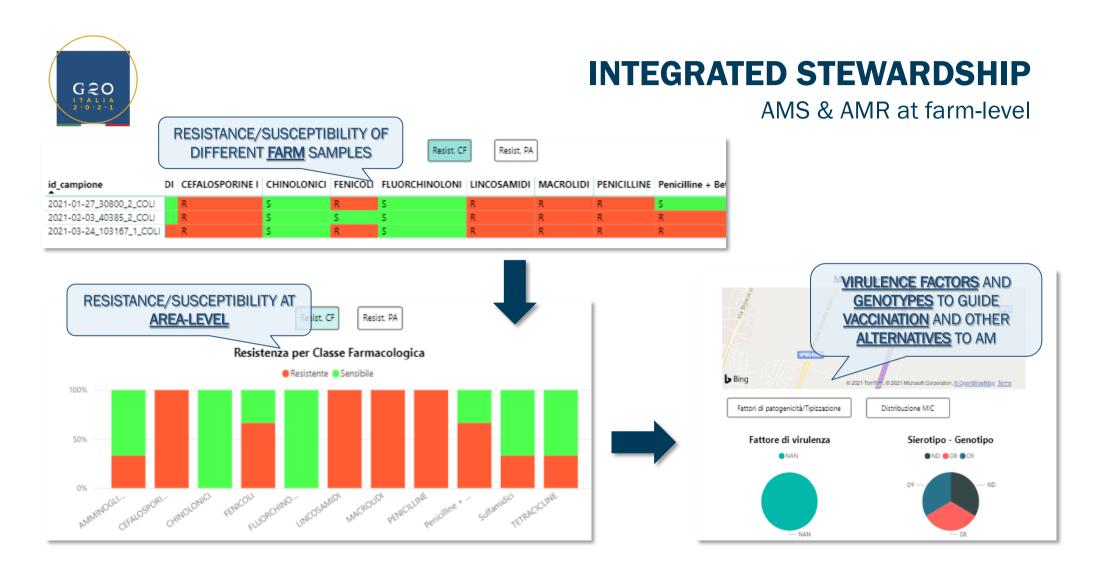


INTEGRATED STEWARDSHIP

Biosecurity & Animal Welfare

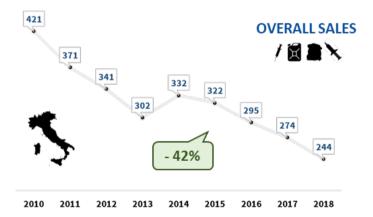








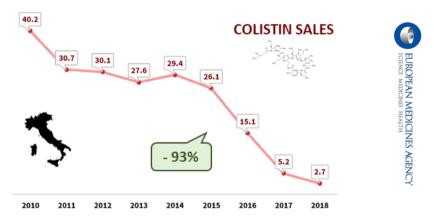




AMU IN ITALIAN LIVESTOCK

Sales trend: the ESVAC annual report

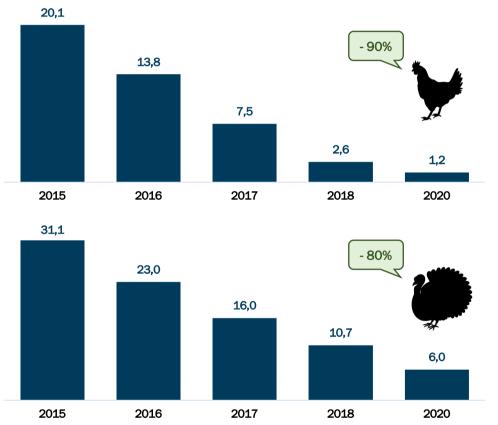
- → Antimicrobial use (AMU) in Italy: the Good and the Bad
 - √ Overall sales fell by 42%
 - ✓ Colistin sales fell by 93%
 - ≈ Sales in other critical antimicrobials have been stable
 - × 2nd place for 2018 sales in EEA
- → No data on sales by species or at farm-level
- → Metric with some limitations (sales only, not DDD-based)





AMU IN ITALIAN LIVESTOCK

A positive example: the reduction in avian species



- → Large overall reduction in both broilers (>90%) and turkeys (>80%)
- → Similar reduction for critically important antimicrobials (colistin abandoned in broilers and almost in turkeys)
- → AMU measured in DDD/head (median of Italian farms)
- → Improved several aspect of farming
 - ✓ Rational use (do I always need AM?)
 - ✓ Management
 - ✓ **Biosecurity** (starting from the hatchery!)



CONCLUSIONS & PROSPECTIVES

Cooperation is the key!



Italy is happy to support any country that would like to implement similar strategies







For further information on ClassyFarm you can contact us at info@classyfarm.lt





ministero delle politiche agricole alimentari e forestali





































AND MANY, **MANY MORE!**

Thank you for your kind attention!