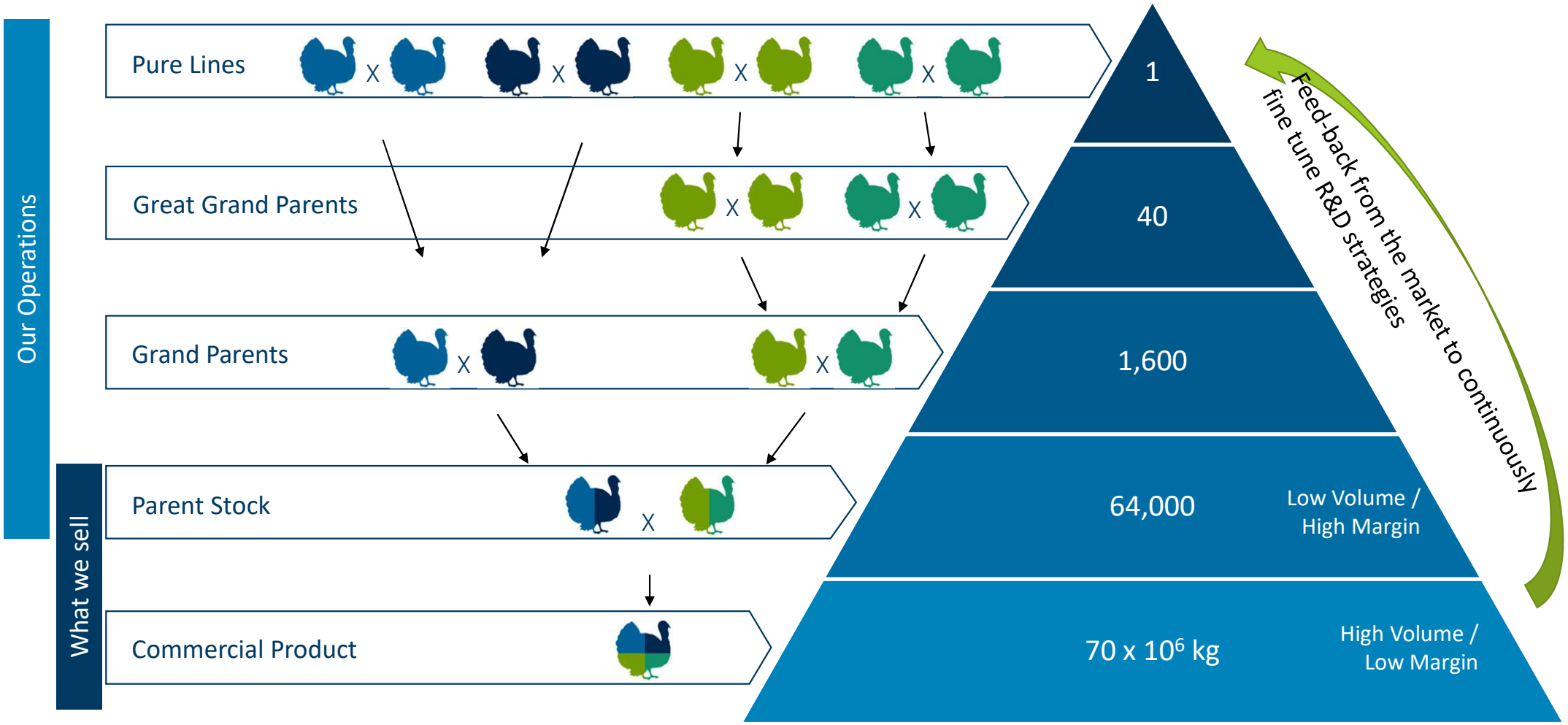
Hybrid

R&D and Genetics Update

Global Pedigree Program

Global Pedigree Program :
R&D operations in North America & Europe

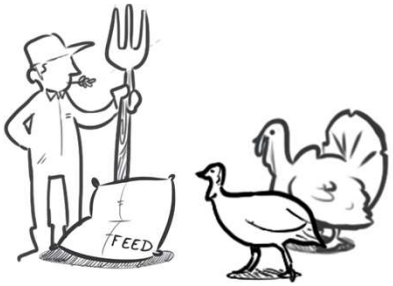
Our Business Structure



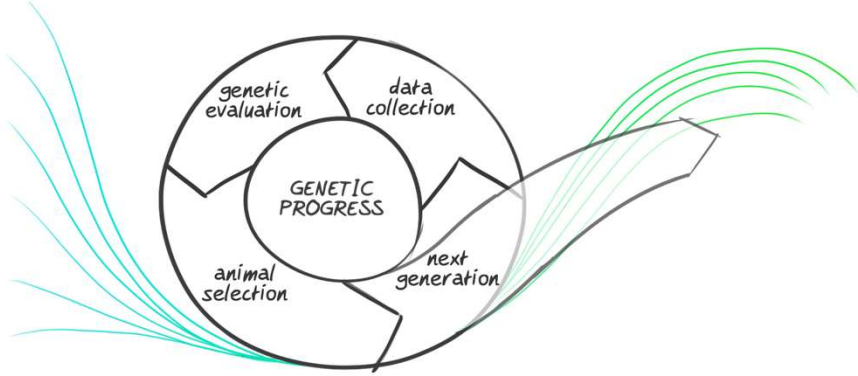
PHENOTYPES
Egg production
Egg weight
Fertility/Hatchability

Hatchery

Rearing Farms



PHENOTYPES
Livability
Growth & FCR
Walking ability
Defects (blisters …)
% Breast – Thigh



DNA testing provides GENOTYPES

Lay Farms

Selection of best Toms & Hens

Focus on Feed Efficiency

Focus on Robustness

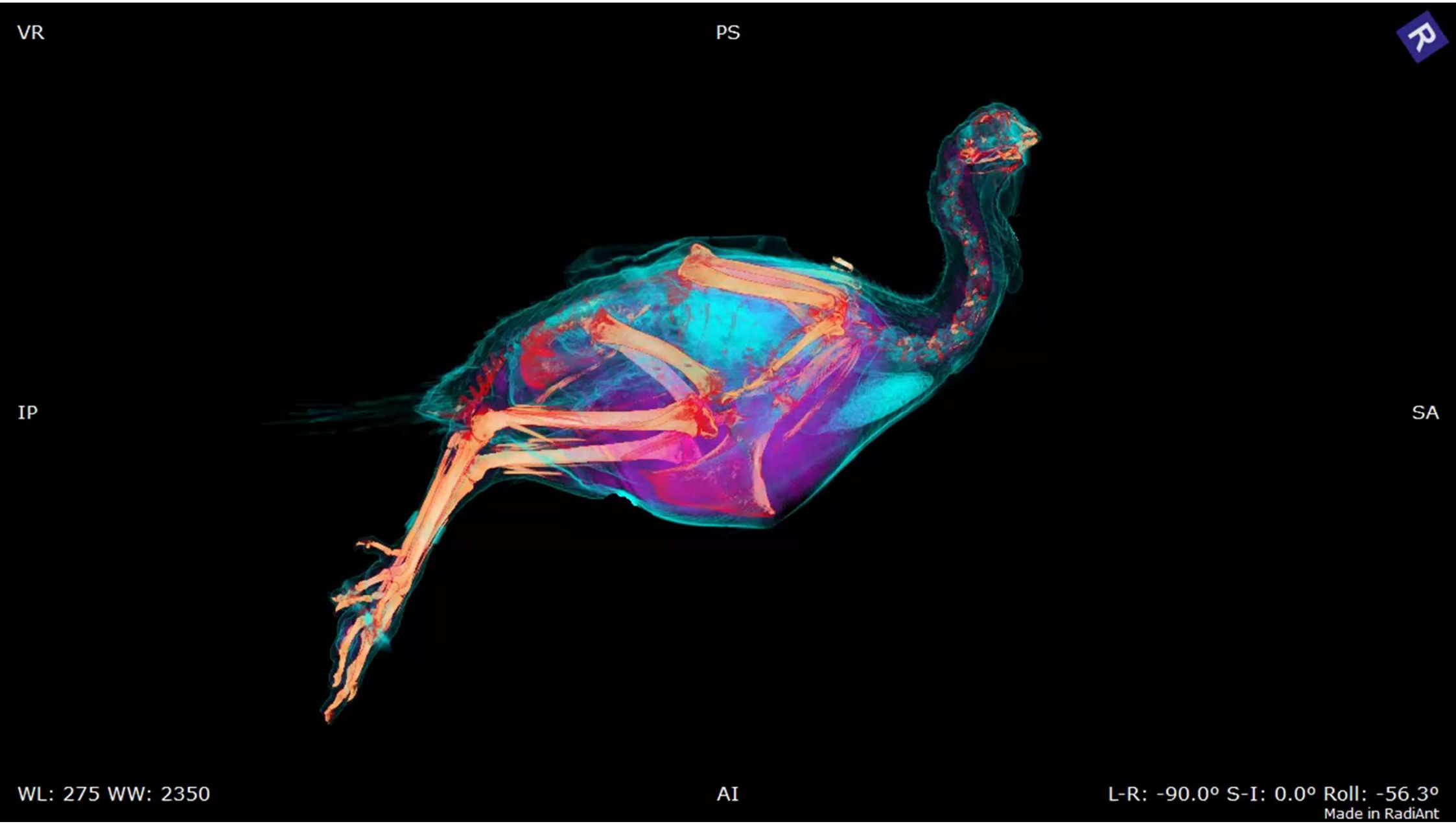
- Testing of all pedigree families in commercial conditions (sib tests)
- Select for families that are better adapted to challenges in the real world

Focus on Reproduction

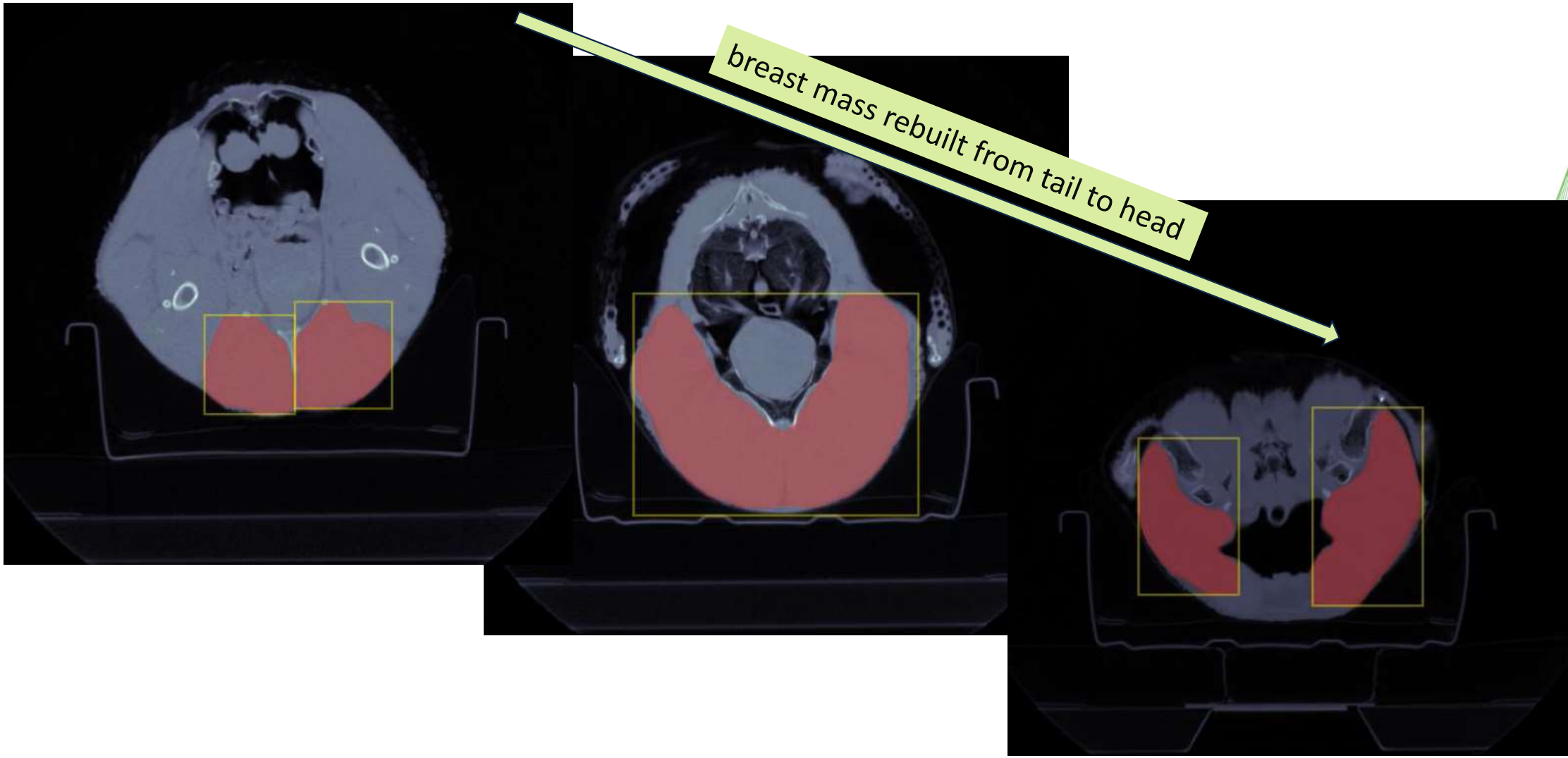
- Pedigree farms : extending the data collection in the lay period beyond 30 weeks

- Sib-tests under Parent stock conditions :
  - Select for better egg production and reduced broodiness

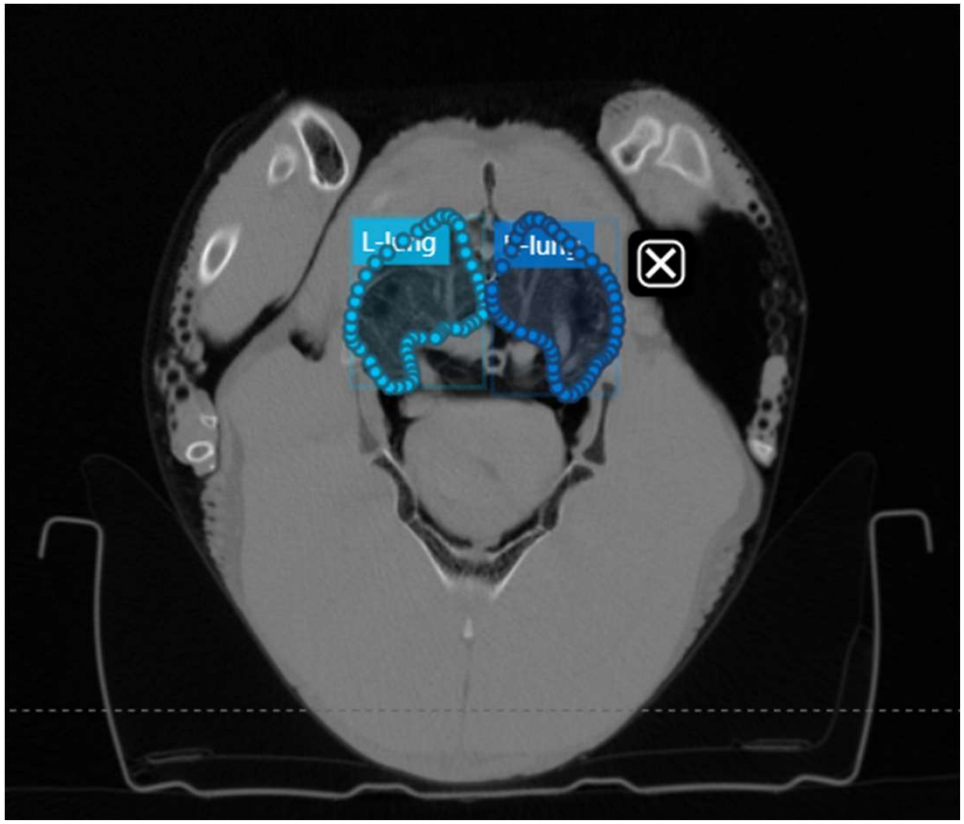
Application of imaging technologies in genetic programs


VR
PS
R
IP
SA
WL: 275 WW: 2350
AI
L-R: -90.0° S-I: 0.0° Roll: -56.3°
Made in RadiAnt

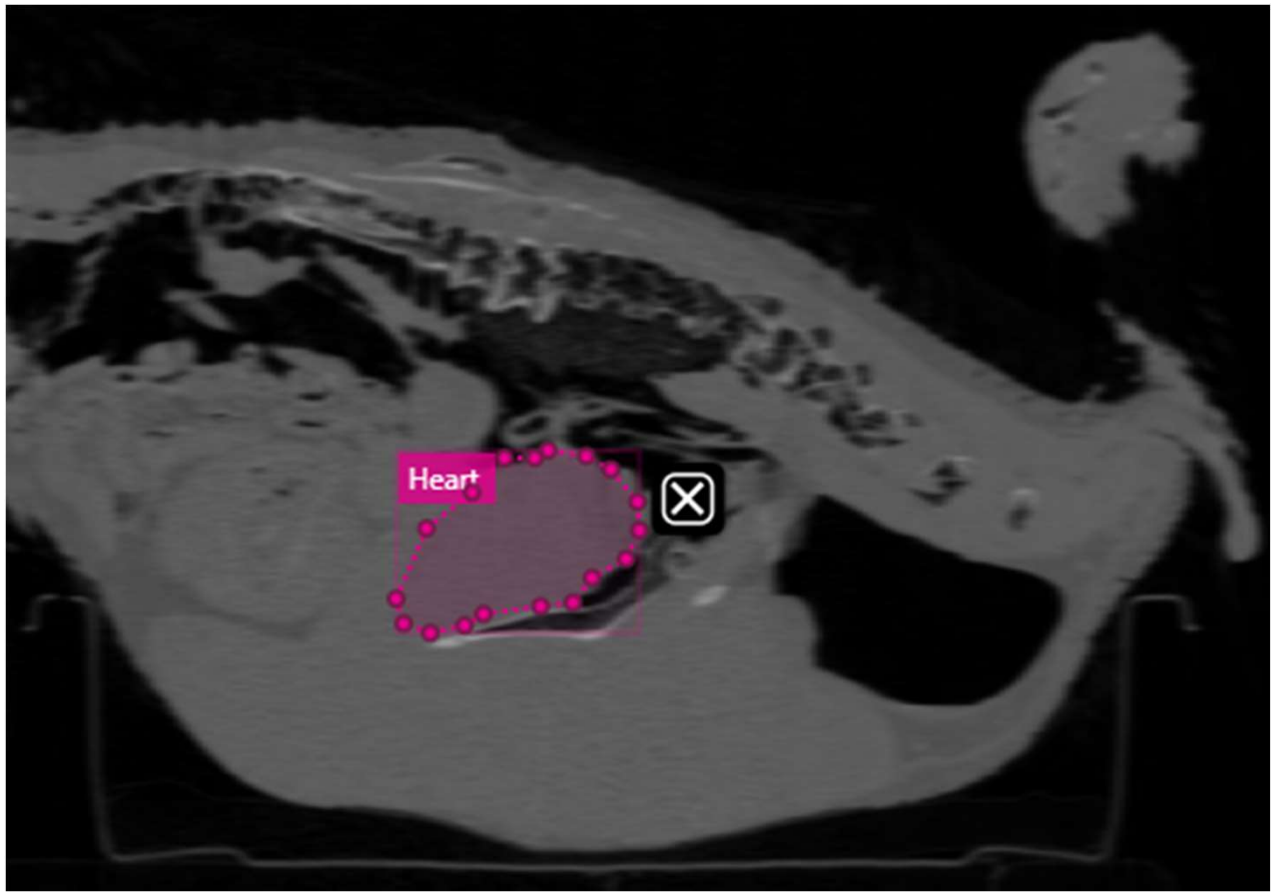
Breast yield



Lung size



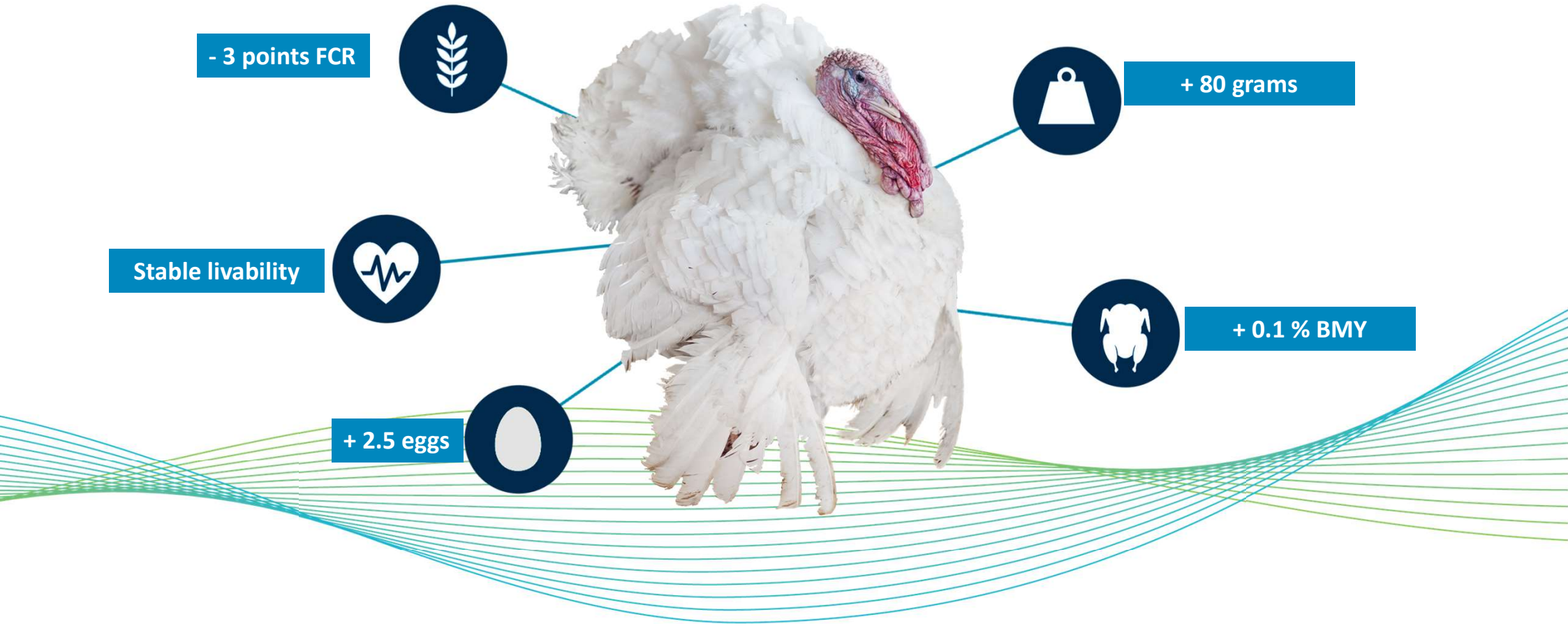
Heart size



Genetic progress

Hybrid Converter^{NOVO}

Converter^{NOVO} - Annual Genetic Gain 2024/2025



Thank you

Better Breeding Today. Brighter Life Tomorrow.

HENDRIX GENETICS