

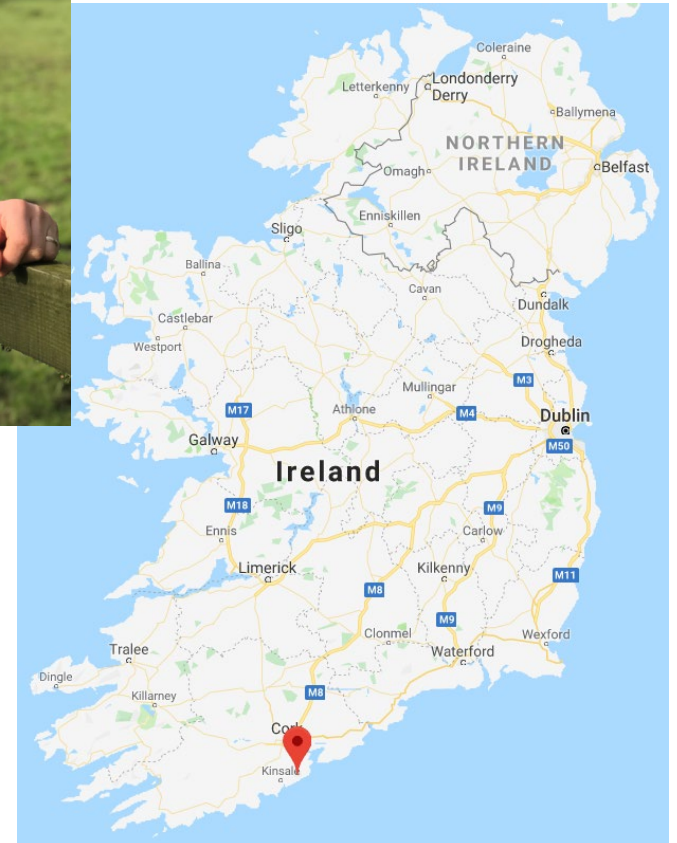


AGRICULTURE INNOVATION

Alan Jago
The XXXIII Euragri Conference
23rd September 2019

ABOUT ME

- Dairy and Cereal Farmer
- Agri Aware – Chairman
- Teagasc Former Authority Member
- Macra na Feirme – Former President
- CEJA – Former President
- Teagasc Agricultural Education



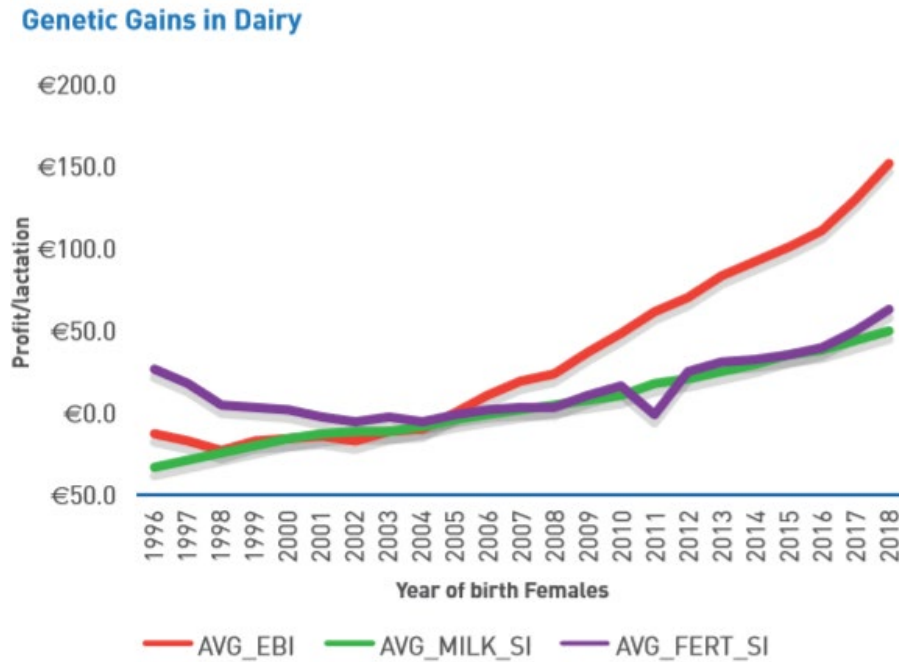
LOOKING BACK TO NOW

- 31st December 1999 – “Millennium Bug”
- 2001 – September 11th
- 2002 – Euro Currency
- 2005 – Bebo
- 2007 – iPhone
- 2008 – Obama
- 2010 – Haiti Earthquake
- 2012 – London Olympics
- 2016 – Trump and Brexit

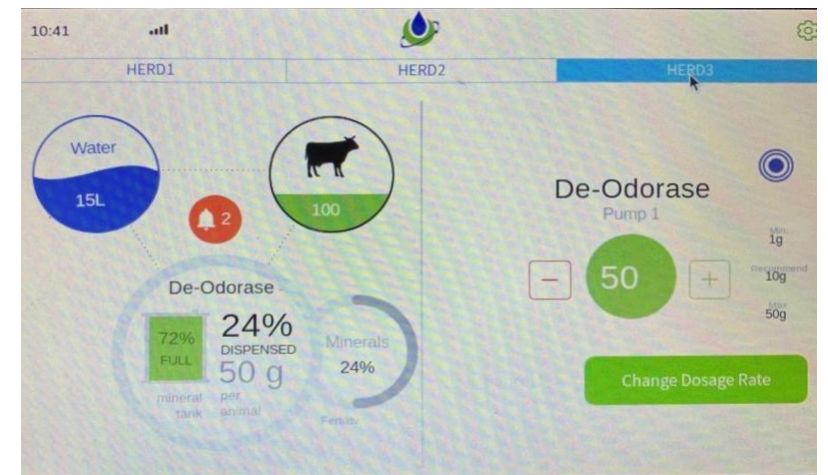


WHAT RESEARCH HAS DONE FOR MY FARM

- EBI
- Grass
- GPS
- Technology



Source: Irish Cattle Breeding Federation



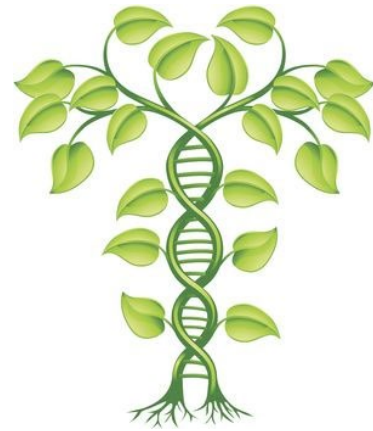
FARM RESEARCH

- Farming is constantly evolving
- Research has led my farm being more sustainable
- Research needs to adapt to future needs
- Bigger picture – SDG's



WHERE I SEE THE FUTURE

- Automation –
 - Tractors
 - Machinery
 - Robots
 - Milking Parlours
- Genetics
- Fertilizers
- AMR
- GMO
- Gene editing
- Climate change mitigation technologies



CHALLENGES OF OPTIMIZING RESEARCH TO FARM IMPLEMENTATION

- Relevant
- Effective
- Efficient
- Cost
- Adaptability
- Push the boundaries



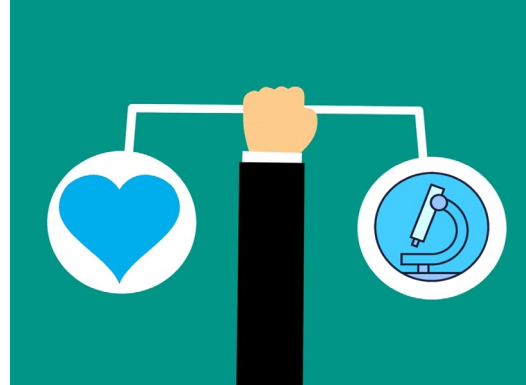
OPPORTUNITIES FOR THE FUTURE

- Growing world population
- Sustainability
- Produce more, better-quality food products with less



HOWEVER

- Trial by media
- Emotion vs. Science
- Dr Google
- Fad
- You are what you eat
- Healthy, safe & nutritious food
- Ambition, leadership, knowledge and innovation





THANK YOU |