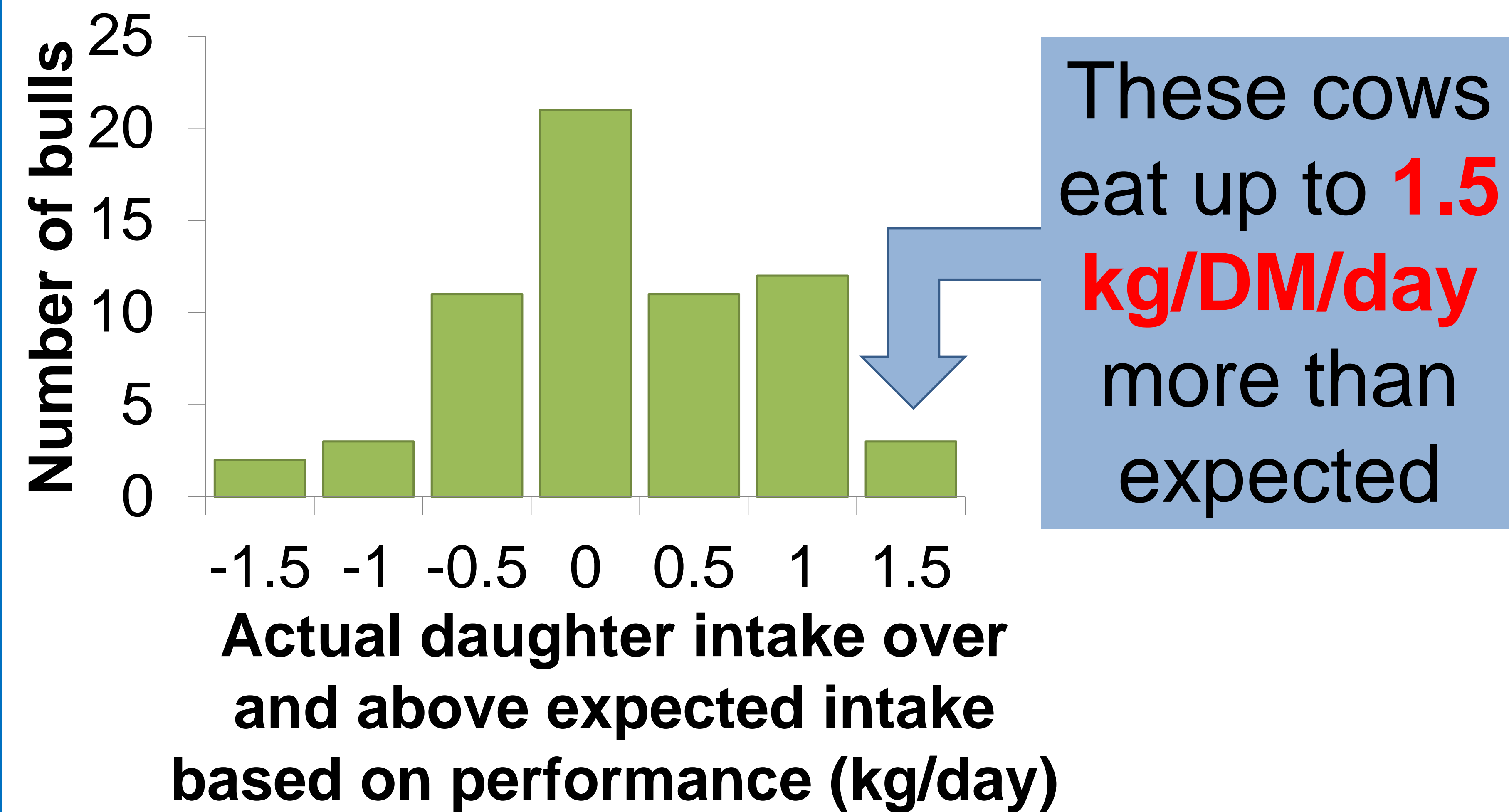


➤ The EBI already captures **72%** of the variability in feed efficiency



➤ As EBI **↑** by **€10**, carbon footprint per kg of fat and protein corrected milk **↓** by **2%**



Routine milk recording involves shining infrared light through milk samples

- Predicts fat, protein & lactose content
- Can predict individual cow **feed intake** and **methane emissions**
- Data collection from the national herd is now possible
- Estimate genetic control of these traits

Take home messages

- ❖ Exploitable (genetic) variability in feed efficiency exists among dairy cattle
- ❖ Milk recording can be used to predict intake and emissions