

atf

animal
task
force

A European Public-Private Partnership



EAAP

European Federation of Animal Science



2nd one-day symposium of the Animal Task Force & the EAAP Commission on Livestock Farming Systems

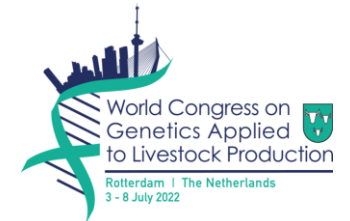
Review of research in **Animal Genetics from the WCGALP 2022** (World Congress on Genetics Applied to Livestock Production)

Ana Granados- FABRE TP



**Livestock emissions
and the COP26 targets**

Photo credit: Volker Hartmann/Getty Images





Review of research in **Animal Genetics from the WCGALP 2022... what a challenge !**

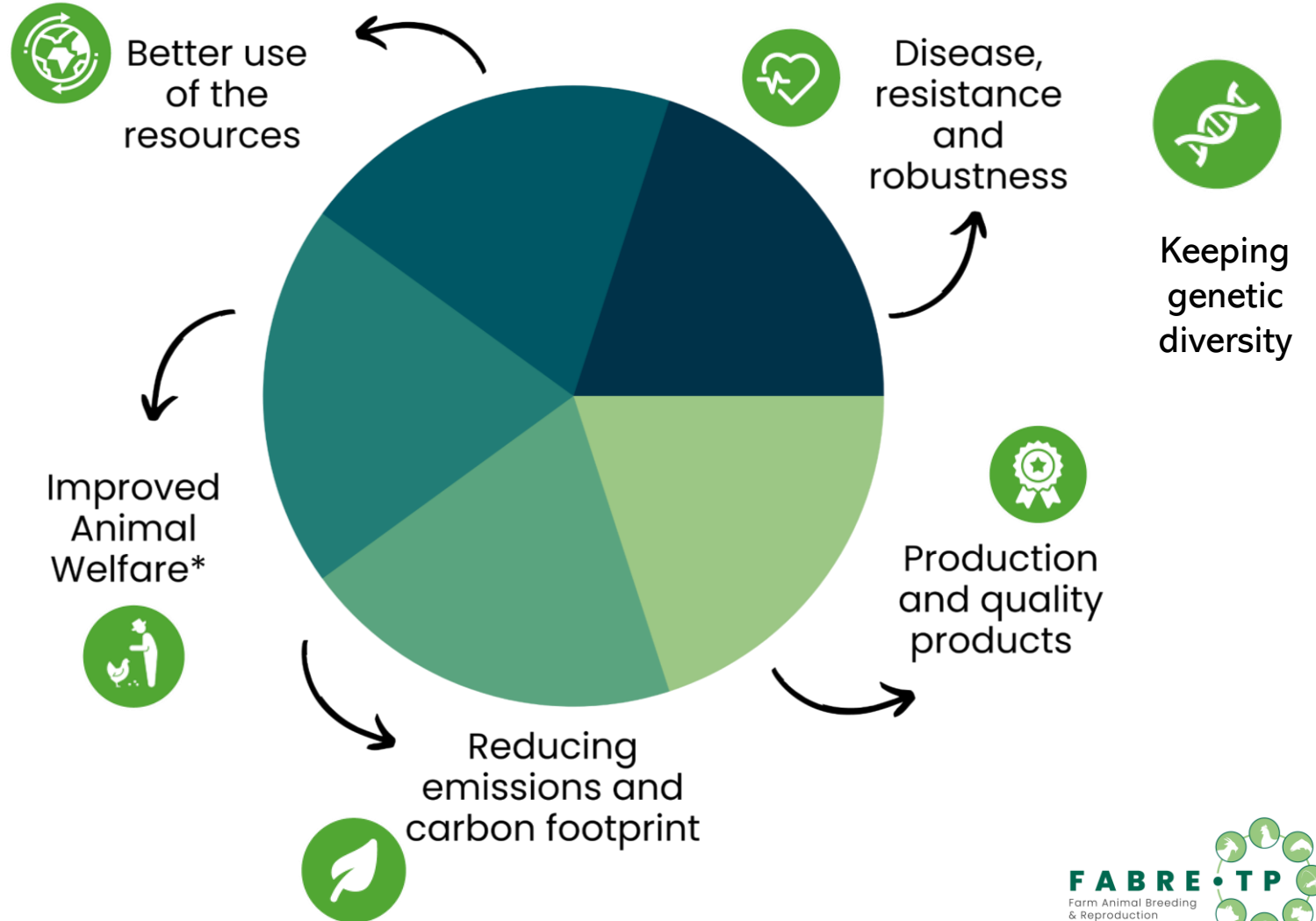
WCGALP 2022 was almost 70 plenary and study parallel sessions

- Species specific (pigs, poultry, aquaculture, ruminants, insects..)
- Traits (animal welfare, GHG..)
- Technology and methods
- Ethical and societal issues of breeding and biotechnologies
- The role of Animal breeding in sustainable food production
- And much more...

RESPONSIBLE AND BALANCED BREEDING



A breeding program
=
balanced and
responsible
combination of
several traits





Review of research in Animal Genetics

- Definition of traits related to GHG emissions
- GHG reduction traits linked to efficiency
- GHG reduction traits directly linked to emissions or proxies
- The challenge of translating large scale emissions measurements into reliable phenotypes
- And the challenge of integrating them into breeding programs