

EFFAB ANNUAL GENERAL MEETING 2022

 **Wednesday 4th May 2022**

 **Évora, Portugal**

Welcome by EFFAB Chair Craig Lewis



EFFAB Agenda – Open session

Wednesday 4 May 2024

08:00 to 08:30 - Opening and welcome coffee

08:30 to 08:40 - Summary of the discussions of the FABRE TP Session

08:40 to 09:15 - Keynote Speech

“Reflections on the future of animal farming and animal source foods in human diets” from Frédéric Leroy, Vrije Universiteit Brussel (VUB)

09:15 to 10:30 - Animal Breeding under the European Green Deal: how to address food security and climate change challenges in the context of recent crisis

10:30 to 10:50 - Coffee Break

EFFAB AGM Agenda – session for members

Wednesday 4 May 2022

10:50 to 11:30 - Summary and update on the Main Policy Actions for the Animal Breeding Sector - - Invited Speaker: Trine Vig Tamstorf, SEGES, Animal Welfare

11:30 to 12:15 - Revision of Code EFABAR –**the claim of European Animal Breeders** to advocate their **common policy on responsible breeding**

12:15 to 13:30

- Pitch of New EFFAB Members
- Approval of the minutes AGM 2021
- Annual Report 2021 & Work Plan 2022-23 /NEW EFFAB WEBSITE
- Financial Report 2021 & Budget 2022-2023
- EFFAB Steering Committee Elections

13:30 to 14:30 Closing Lunch

Summary from the FABRE TP Session

Laurent Schibler





**Keynote Speech from Frédéric Leroy,
Vrije Universiteit Brussel (VUB)**

"Reflections on the future of animal farming
and animal source foods in human diets".

Animal Breeding under the European Green Deal:

how to address food security and climate change challenges in the context of the recent crisis



Antonio Tavares,
COPA COGECA



Jaime Picarra,
FEFAC– IACA (PT)



Andrea Fabris,
FEAP



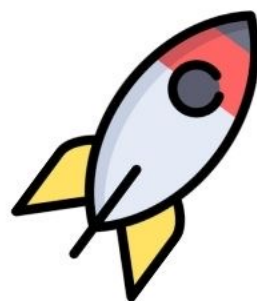
Brigitte Misonne,
European Commission
DG AGRI

Coffee Break

Back at 10:50 WEST/11:50 CEST



EFFAB AGM



Looking at the future



Summary and update on the Main Policy Actions for the Animal Breeding Sector

Invited Speaker:

Trine Vig Tamstorf, Danish Agriculture & Food Council,
Animal Welfare

Context

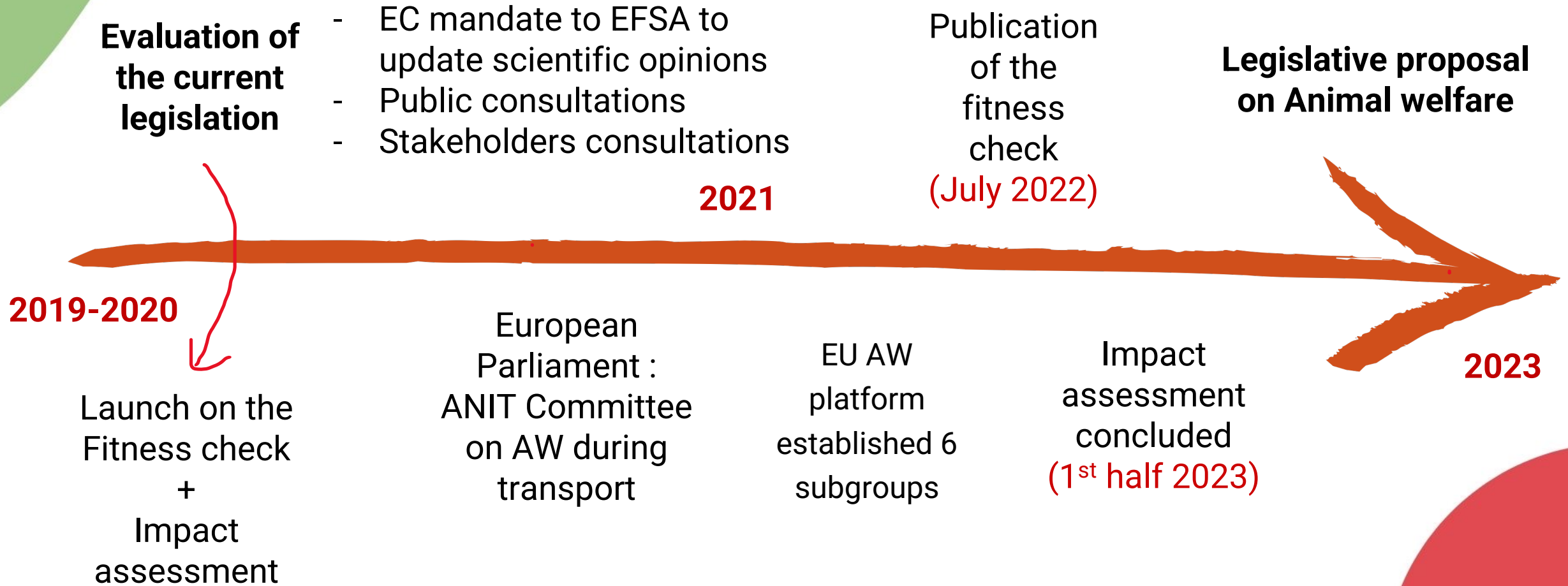
Improved animal welfare is one of the objectives of the Farm to Fork Strategy – and part of the EU Green Deal.

“Better animal welfare improves animal health and food quality, reduces the need for medication and can help preserve biodiversity”

The Commission will **revise the animal welfare legislation by 2023**, including on animal **transport** and the **slaughter** of animals, to align it with the latest scientific evidence, broaden its scope, make it easier to enforce and ultimately **ensure a higher level of animal welfare**.



AW initiatives



Timeline EFSA

EFSA opinions on
transport and pigs
June 2022

EFSA opinions on
broilers and laying hens
Dec 2022

**Legislative
proposal**
End of 2023

EFSA opinions on calves, dairy
cows, ducks, geese, quail
March 2023

Fitness Check

- Before publishing their legislative proposal, the EC is conducting a Fitness Check to assess if the current legislation is fit for purpose.

So far, the Fitness Check preliminary results show:

- lack of clarity
- Lack of specific and updated requirements
- Lack of tools to monitor, measure and report
- Lack of training

Few examples of the pressures faced

EU Platform on Animal Welfare 10.11.2021



For sows, a high prolificacy factor for high pre-piglet facial lesions are

EU Platform on Animal Welfare 10.11.2021



Bred to suffer: [Dairy cows]

- Unregulated genetic selection for high milk yields
- Lameness
- Mastitis
- Metabolic disorders (chronic hunger)
- Emaciated body

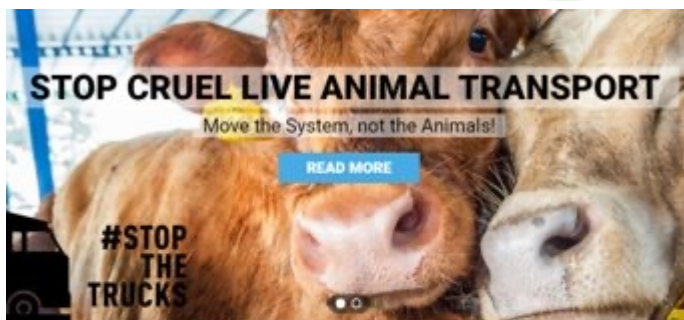
Numbers: 20.5 million dairy cows in the EU, not protected by species-specific legislation.

EUROGROUP
FOR
ANIMALS

Roadmap of future mandates to EFSA

EC sent to EFSA the roadmap indicating the futures mandates planned in the animal welfare area after 2023:

- Beef cattle
- Sheep and goats
- Turkeys
- Farmed salmon and trout; carp; sea bass; sea bream, European eel
- Ducks, geese and quail
- Equines
- Minks, racoon dogs, foxes
- Certain invertebrates such as decapods



LIVE ANIMAL TRANSPORT IN EUROPE
Every year, more than 1.5 billion poultry and 49 million live cattle, pigs, sheep, goats and horses are transported across borders within the EU and to third countries. This is happening right now!



Other Animal Welfare Initiatives

EU Animal Welfare Platform priorities:

1. Better application of EU rules on animal welfare
2. Development and use of voluntary commitments by businesses
3. Promotion of EU animal welfare standards at the global level



ANIT Committee



- Created to evaluate violations of EU animal transport rules (July 2020- Dec 2021)
- EFFAB presented in one the Hearings to explain **the why and the how Animal Breeders** transport breeding animals
- Report and Recommendations adopted in late January 2022 and reflecting some of the breeding concerns.

End the Cage Age Initiative

Call by more than 1,3 million EU citizens
signatures to prohibit the use of cages for farm
animals (laying hens, sows, calves, rabbits,
pullets, broilers breeders, layer breeders, etc.)



Legislative proposal
by end 2023 to phase
out the use of cages

the length of the transition
period based on impact
assessment and EFSA
scientific opinions

Breeders' specific legal framework ?
Working on it

Animal Welfare Platform

- Established by the EC to promote and enhance dialogue on animal welfare issues.
- **EFFAB is a member of this group**
- EC set up 6 Subgroups to consult stakeholders on the ways to adapt and improve animal welfare.



The EU Animal Welfare Platform:
promoting dialogue on animal
welfare issues relevant at EU level.



EU Animal Welfare Platform

Subgroups composed of 10 members and working on:

- Animal Welfare during Transport (*EFFAB has a representative on this group*)
- Poultry Welfare
- Pig Welfare
- Dairy Cows and Calves
- Animal Welfare Labelling
- Slaughtering

Coordinating with other like-minded associations to ensure the animal breeders concerns are heard.

EFFAB's Work and Response

- Created 3 Working Groups on Pigs, Poultry and Ruminants. Aquaculture planned for 2022
- Regular meetings with EC to explain why cages are needed at the breeding level, why we need to transport breeding animals and what is balanced breeding
- Regular meetings with MEPs and emails sent explain Balanced breeding and why the animal breeding sector is important
- Collaboration with other associations
- Inputs for ANIT Committee Recommendations
- Answer to Public Consultations

Summary

- Should Selective Breeding be regulated ?
- And Animal Transport limited ?



CODE •
EFABAR

The commitment
to responsible breeding

Revision of Code EFABAR 2023:

The claim of European Animal Breeders to advocate
their common policy on responsible breeding

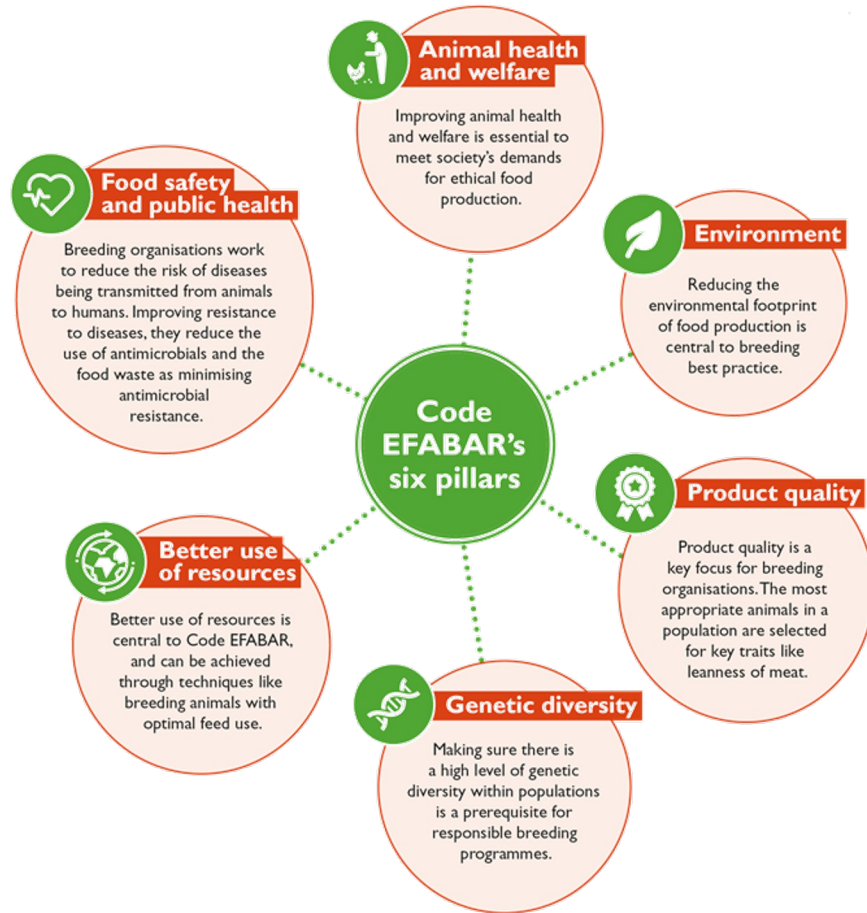
Current Version 2020

The commitments of Animal Breeders for **responsible and balanced breeding** are reflected in **CODE EFABAR - the code of good practices for sustainable animal breeding**, based on 6 pillars.



CODE •
EFABAR
The commitment
to responsible breeding

Current Version 2020



THE GLOBAL GOALS

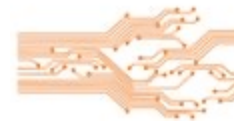
GOALS TARGETED TO EACH SPECIES AND TO FOLLOW THE U.N. **SUSTAINABLE DEVELOPMENT GOALS (SDGS)**.

EMPHASIS ON ADDRESSING THE IMPORTANCE OF **SUSTAINABILITY**.



FOCUS ON **ANIMAL HEALTH, WELFARE AND ENVIRONMENTAL FOOTPRINT** AND RESPONSIBILITIES OF BREEDING COMPANIES.

ALIGNED BUT NOT **SPECIES-SPECIFIC TEMPLATES**.



EXPANSION OF TECHNOLOGY SECTION TO COVER MONITORING, INNOVATION AND PUBLIC PERCEPTION.

Adoption Status



Where do we use Code EFABAR?

- Explaining Balanced Breeding to MEPs, policy makers and stakeholders
- Bioethics Nuffield Council report on the Ethics of Gene Editing (2021)
- EFSA expert panel on broilers welfare (September 2021), on pig welfare (April – May 2022) and on layers welfare (June 2022)
- EU Animal Welfare platform (Nov 2021)
- Meetings with NGOs in 2021-22 (EFA, CIWF, Four Paws)
- EC Poultry welfare subgroup on “decreasing impacts of selective breeding on the welfare of animals” (April 2022)

Context - Revision

- With the current political climate, we see a trend for increased transparency of breeding companies.
- We need to demonstrate our credentials and all the work done around animal health, welfare and sustainability to costumers and to the entire supply chain.
- Therefore, EFFAB members shall position **Code EFABAR as being the claim of European Animal Breeders** to advocate their **common policy on responsible breeding**.
- Code EFABAR shall become **a central part in the strategy of the sector to show, to argue and to defend the commitments on responsible breeding**.

Few examples of the pressures faced

In the Agri-Fish Council, most Ministers called for research and more information about breeding practices allegedly leading to keel bone fractures in layers, while the NGOs and other MEPs have been pushing the subject as a problem caused by breeding strategies.

The EC has been making clear that they

“will consider breeding aspects in the future revision of the EU animal welfare legislation.”

“(...)take into account **scientific assessment** from EFSA”.



Few examples of the pressures faced

EU Platform on Animal Welfare 10.11.2021

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Bred to suffer: [Broiler chickens]

Unregulated genetic selection for fast growth

- Lameness
- Skeletal and muscular weakness
- Contact dermatitis
- Respiratory disease
- Cardiovascular diseases
- Dehydration and hunger

Numbers: 95% of the EU's broilers are fast-growing breeds



For sows, a high prolificacy is a known risk factor for high pre-weaning mortality²¹, piglet facial lesions and udder/teat lesions



Bred to suffer: [Dairy cows]

- Unregulated genetic selection for high milk yields
- Lameness
- Mastitis
- Metabolic disorders (chronic hunger)
- Emaciated body

Numbers: 20.5 million dairy cows in the EU, not protected by species-specific legislation.

EUROGROUP
FOR ANIMALS

Proposals from the Steering Committee

Objectives:

- Consider societal and supply chain requirements.
- Foster the pre-competitive cooperation of EFFAB members.
- Engage and motivate **ALL** EFFAB members to commit to and sign in for Code EFABAR.

Proposals from the Steering Committee

Roadmap/Activities:

- Evaluate and review current version by a pool of industry representative and scientists (Focus Group).
- Review the species-specific templates to get more metrics and standardize the responses.
- Improve the part on technology, e.g. include new tools and data.

Proposals from the Steering Committee

- **Ultimate Goals:**

All EFFAB members have adopted Code EFABAR

All animal protein related breeding in Europe become part of EFFAB and adopt Code EFABAR

Let's discuss!

Any comments, suggestions or questions?
Let us know



Pitch of New EFFAB Members



- **Approval of the minutes 2021**
- **EFFAB Steering Committee elections**
- **EFFAB activities**
- **Financial results and budget**
- **EU projects**



Craig Lewis
Chairman
Pig sector



Ashie Norris
Member
Aquaculture

Today :
Elections for the ruminant representative
Elections for the Chair position

Steering Committee 2021 & 2022



Roland Aumüller
Member – Treasurer
Independent



Mark Fife
Member
Poultry



Pascale Parisot
Member
Ruminants

Steering Committee Elections

Name	2018	2019	2020	2021	2022	2023
Craig Leiws (Chair – Pigs - PIC)	Elected chair	Election for pigs representative			Relection for chair position	
Ashie Norris (Aquaculture - MOWI)				last election		
Roland Aumüller (Treasures - Independent)		last election				
Mark Fife (Poultry - Aviagen)			replaced J. Vincent			
Pascale Parisot (Ruminants - Eliance)	1st election					

Today :

Elections for the ruminant representative → Clotilde Patry
Elections for the Chair position

EFFAB 2021-2023 activities



Promoting to the EU, national and other bodies that **policy and legislation** offer an optimal legal framework for existing and future animal breeding and reproduction operations.



Engaging on dialogue: Showing **sustainability and transparency** of existing and future breeding and reproduction activities to the downstream and upstream animal farming community, to politicians, stakeholders and, indirectly, to the general public.



Stimulating **European and (trans)national research** in relevant technology disciplines for innovation and development in the animal breeding and reproduction sector.



Facilitating the members to gain the best **support from European research and innovation policies**.



Supporting the **co-design and co-creation** of research proposals by integrating the end-users with researchers to foster discussion on the implications, ethics, benefits and challenges in the development of new knowledge or innovations, through a range of different levels of participation.



Engaging with communities, stakeholders and society by designing innovative communication strategies to cover all the needs of the project including visual identity, website, social media, webinars and workshops, graphic content, audiovisuals and much more.

Translating science and targeted dissemination of research outputs; we create an impact that catalyzes and facilitates innovation that benefits agri-business, farmers and the whole society.



Facilitating the exchange between research and its wider users in an inclusive way that overarches research disciplines and countries worldwide with our expertise in animal breeding, reproduction and production.



**Policy & research
coordination team**



EU Projects team



Cagla Kaya
EU program manager
(25-75%)



Noraly Van Hemert
EU junior projects
manager (25-75%)



Duru Eroglu
EU projects manager
(25-75%)



Geena Cartick
Research and
Innovation Officer



Ana Granados
Director (90-10%)



Bárbara Barbosa
Policy advisor (95-5%)



María Ramírez
Communication officer
(50-50%)



Jon Zurimendi
Creative Communication officer
(30%-70%)



Ana Granados
Director



Cagla Kaya
EU program manager



Noraly Van Hemert
EU junior projects
manager



Duru Eroglu
EU projects manager



Geena Cartick
Research and
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Bárbara Barbosa
Policy advisor



María Ramírez
Communication officer



Jon Zurimendi
Creative Communication officer

**Communicating and engaging around
Animal Genetics and Reproduction :
Responsible, sustainable and balanced
breeding**

	Followers	New in 2021	New in 2022	Impressions in 2021
Twitter EFFAB	1108	442	86	214.075
Twitter FABRE TP	408	85	19	52.564
Linkedin	970	397	210	350.604

One year ago, we had 699 followers on Twitter, in May 2022, we have 1.108

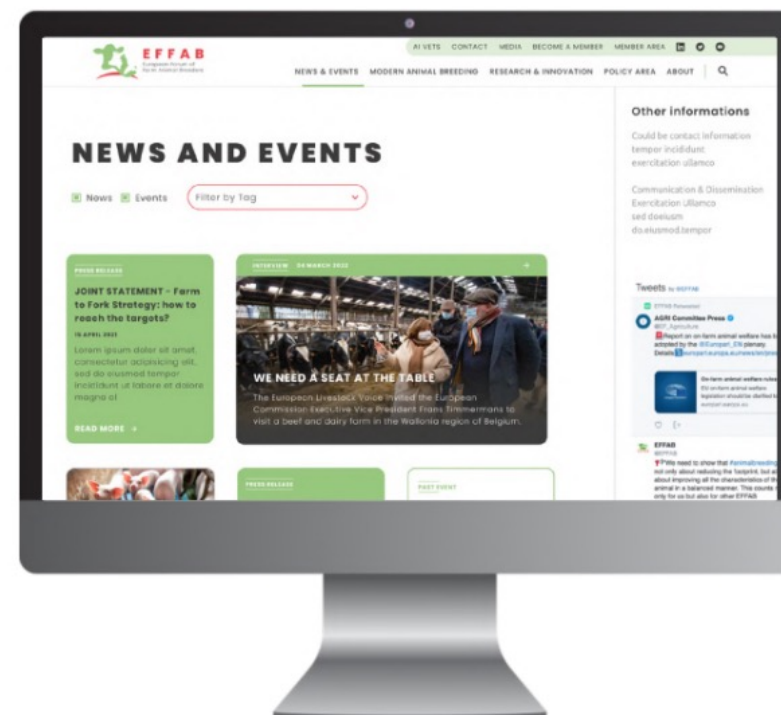
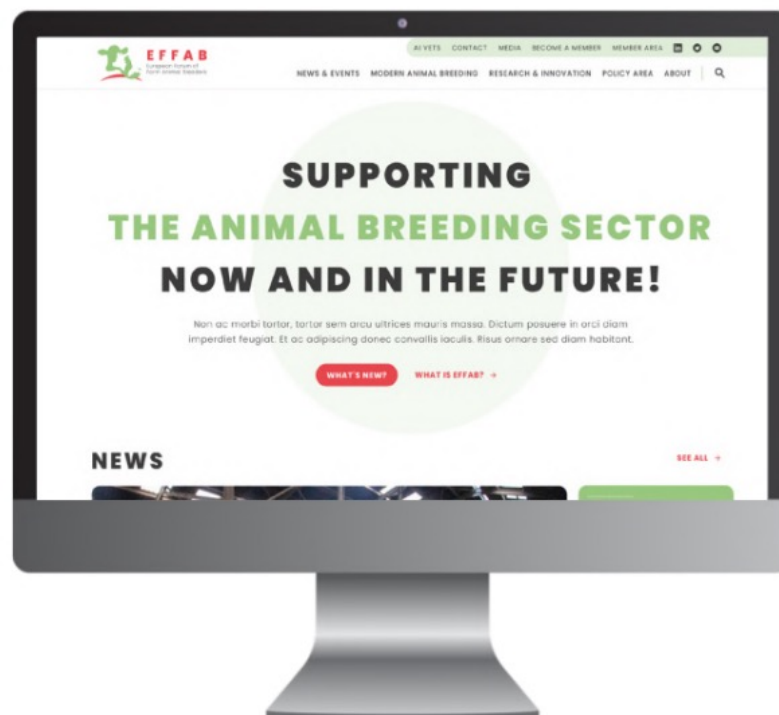
Remember to follow us, like and share posts at
@EFFAB and @FABRETP and in LinkedIn

Launch of the NEW EFFAB WEBSITE

Take a look here!



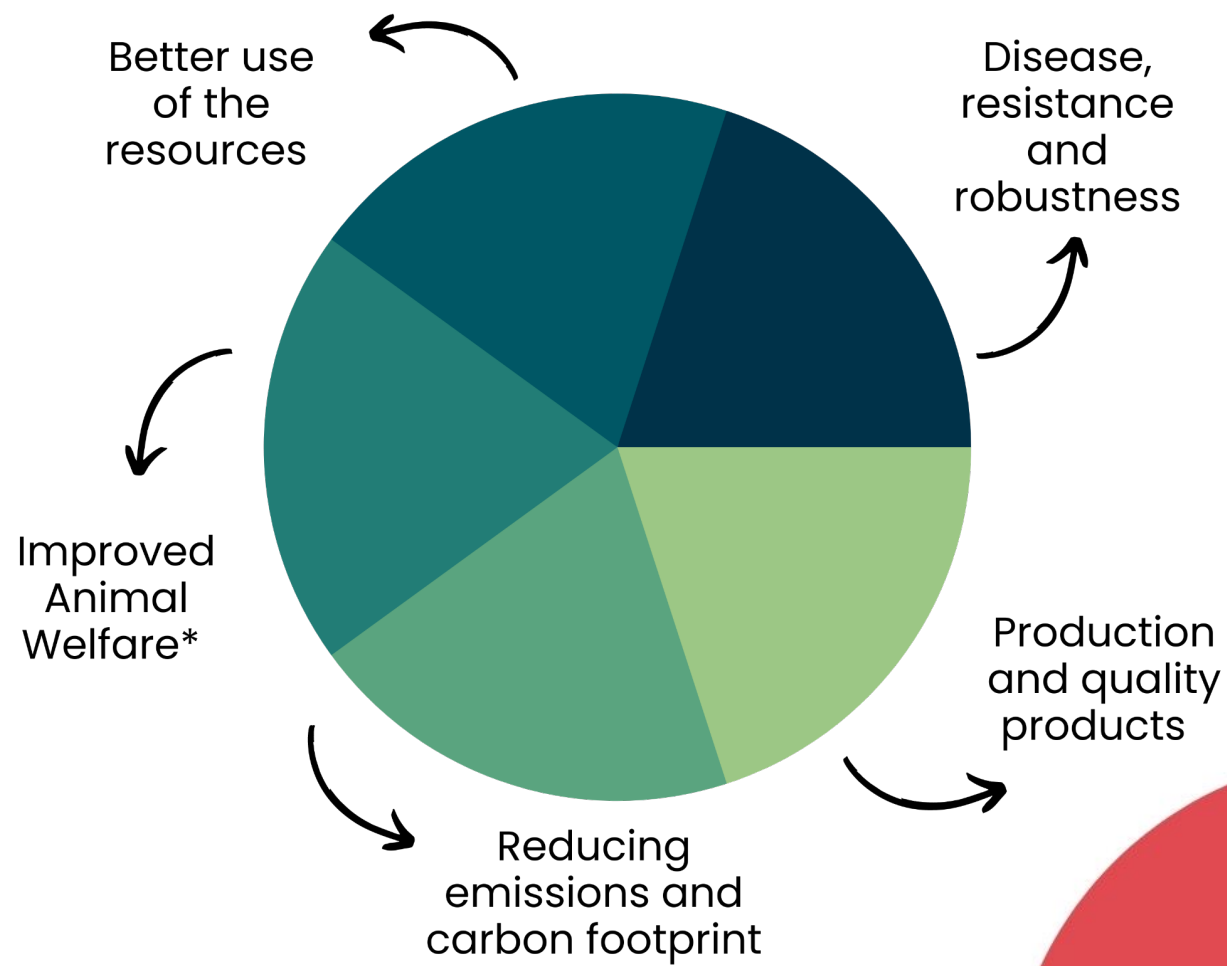
SCAN ME



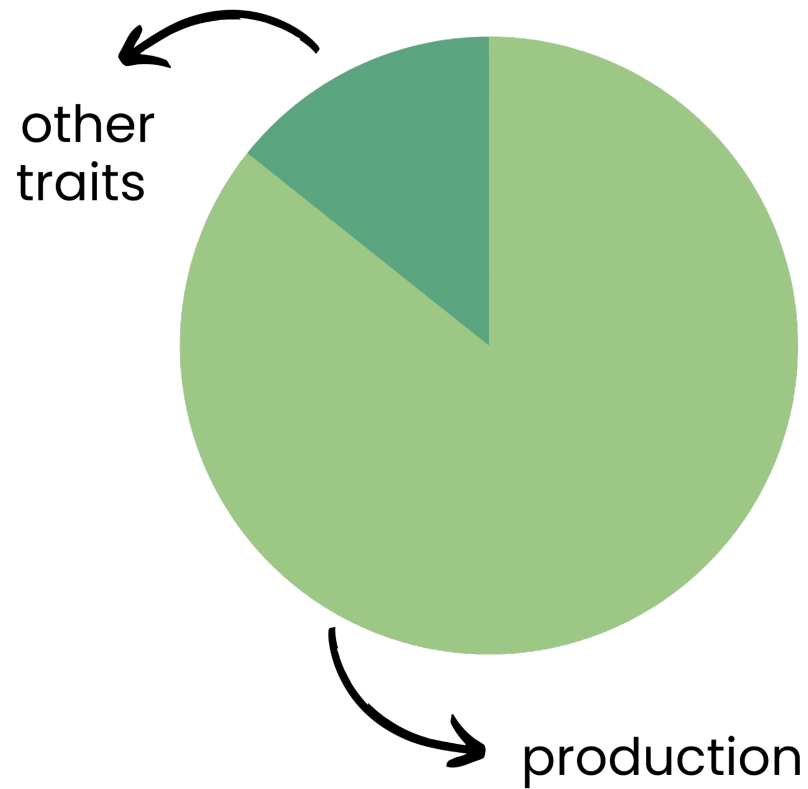
Responsible, sustainable and balanced breeding

Animal Breeding in the last 20 years

A breeding program
=
balanced and
responsible
combination of
several traits

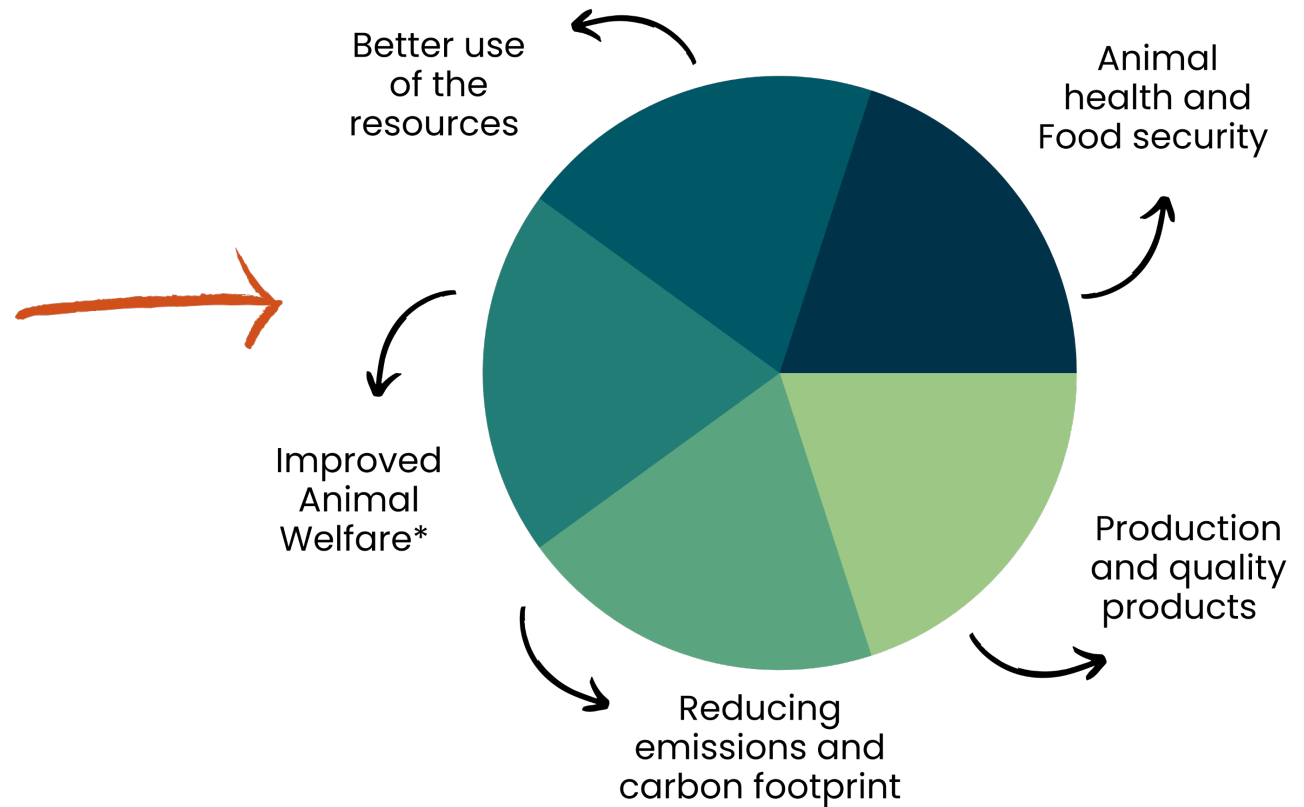


70's - 80's

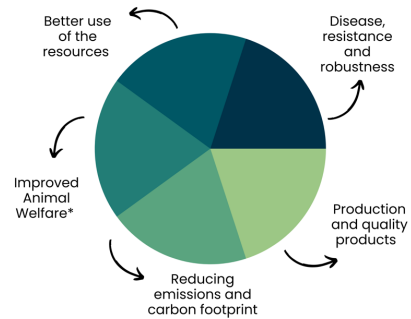


2000's - 2020's

Balanced Breeding



Cattle Breeding since the 2000's



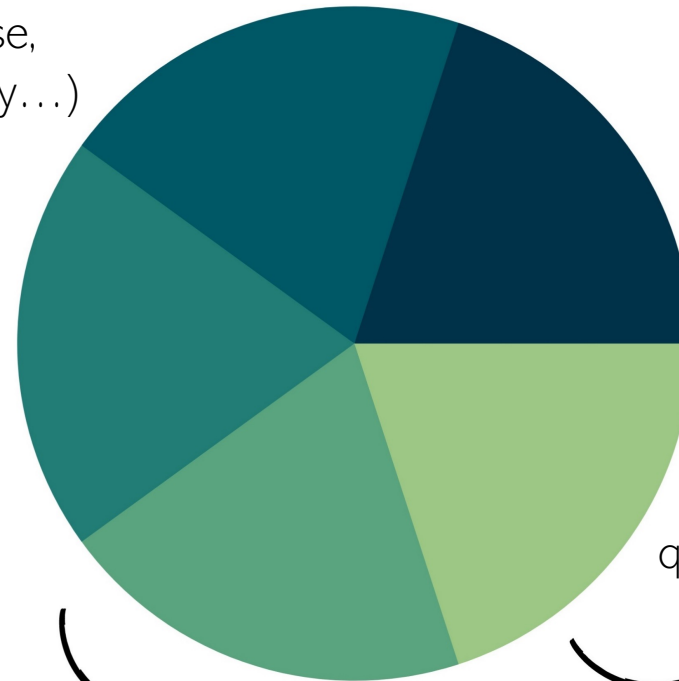
Better use of resources (feed intake and use, fertility, longevity...)



Feet and leg strength, calving ease, udder conformation, claw health, polledness...)



Reducing emissions (ammonia...) and carbon footprint



Disease resistance and robustness (mastitis and udder health, reducing use of antibiotics)

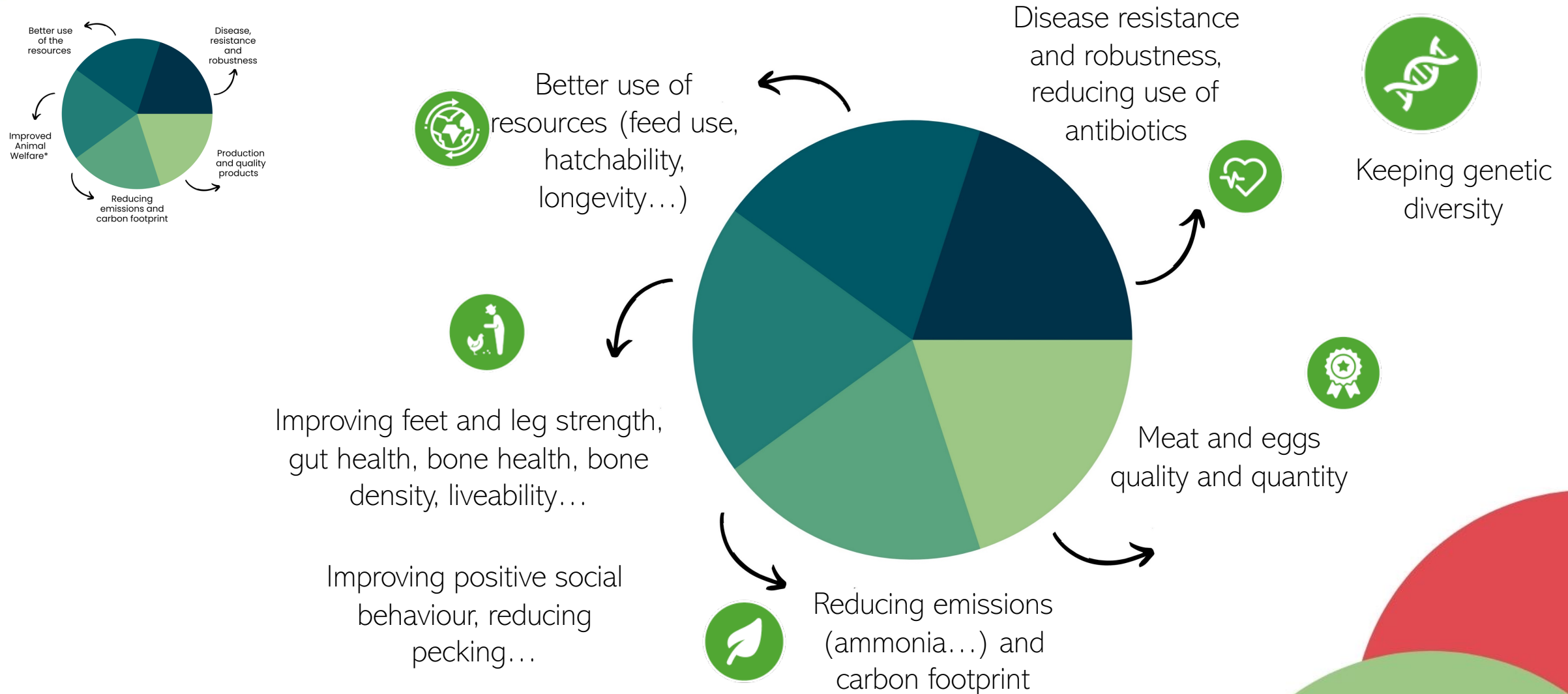


Keeping genetic diversity

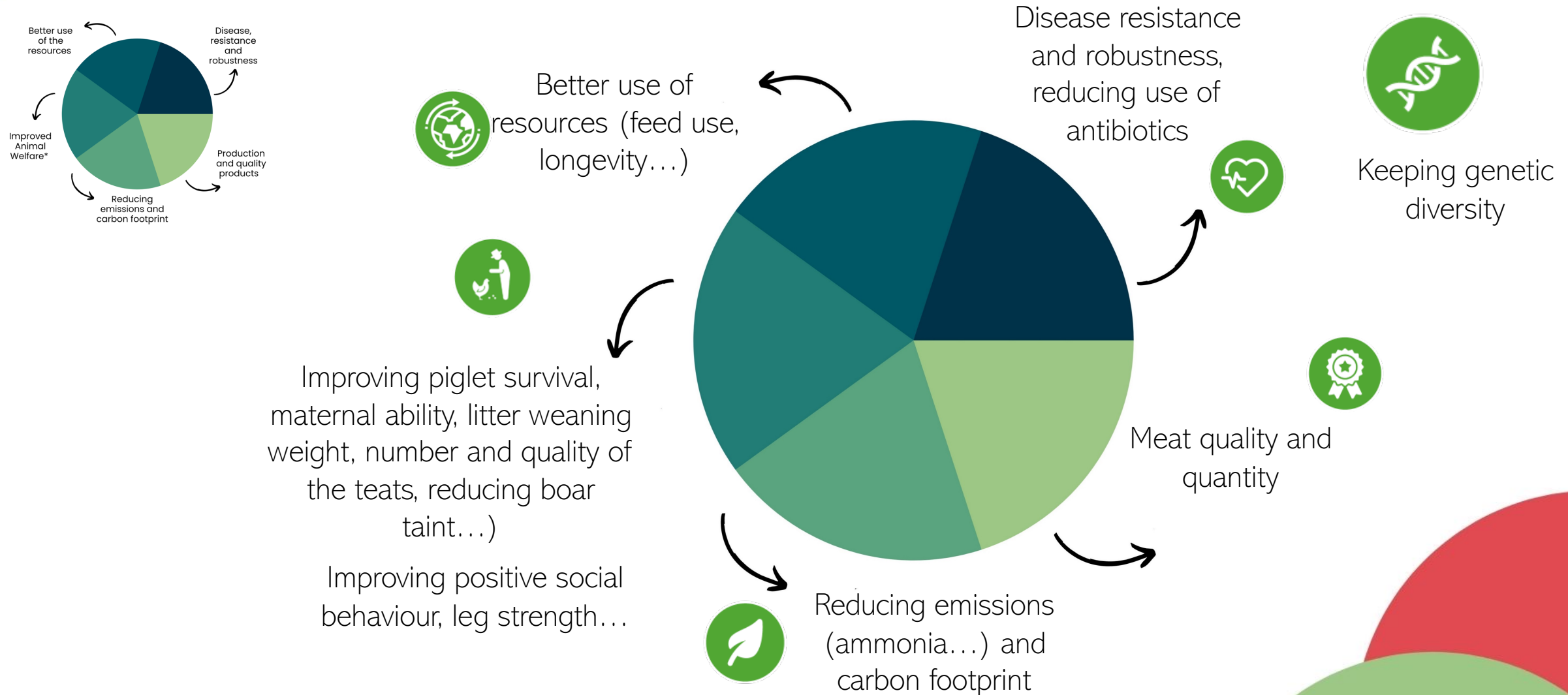


Meat and eggs quality and quantity

Poultry Breeding since the 2000's



Pigs Breeding since the 2000's



Engaging in dialogue

Increasing collaboration with
AGRI-AQUA Food R&I

Increasing interaction between
research and industry



Engaging in dialogue

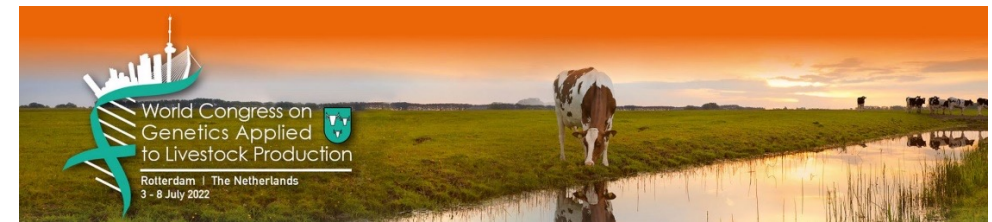
Engaging dialogue on animal breeding practices and research



- Animal Breeding and Climate Ambition
- Healthy and Happy Animals for Sustainable Societies
- Animal Genome Editing in the Spotlight
- Genetic Diversity and responsible Animal Breeding
- What's next in animal Breeding
- **Session 6 : 26 April 2022 : Gene Editing in Aquaculture**

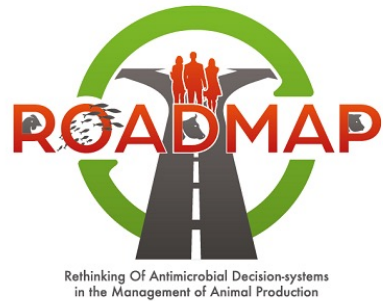


FABRE TP Challenge session at
Porto session 2022 :
Animal farming 4.0: the role of Big Data in
animal breeding



5 July 2022 afternoon
Young scientist career development session
with FABRE TP networking drink at WCGALP

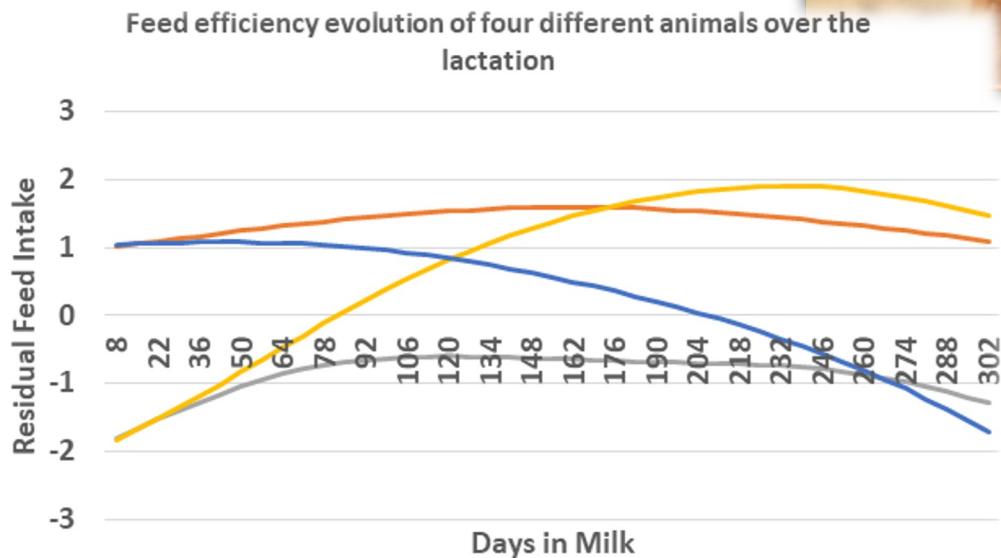
EFFAB involvement in EU research projects



Projects and time plan

	2021	2022	2023	2024	2025	2026
GenTORE						
AQUA-FAANG						
ROADMAP						
GENE-SWitCH						
PIGWEB						
RUMIGEN						
GEroNIMO						
HoloRuminant						

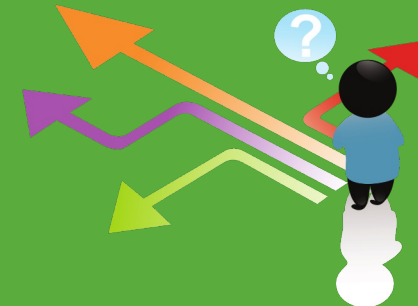
Genomic management Tools to Optimise Resilience and Efficiency



How does the project create impact?



New proxies and methods for resilience & efficiency



Decision support tools

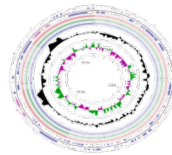
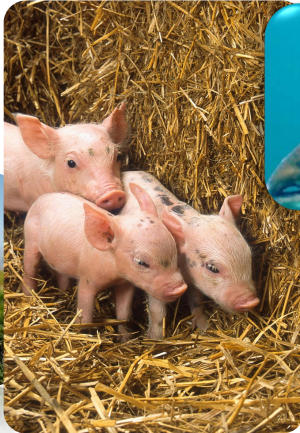


Enhanced possibilities for genetic selection

- Tools to tailor cattle to different environments
- Improved phenotyping for R&E
- Genomic Management Tools
- Breeding strategies for mitigation



Understanding of genome of farmed animals



Functional Annotation of
Animal Genomes



1

High quality annotation maps
for the animal farming community

2

Implementation of new
Genomic Selection Models



How does the projects impact?

- Knowledge database
- Improved safety & quality
- Reduced environmental impact
- New tools



Upcoming relevant events

Webinar

- Online
- **9 May, 15-17 CEST**
- *Feed and Genomics: what's the perfect mix?*



Hackathon

- Online
- **24 May, 17-20 CEST**
- *A 360° Perspective on NGTs in Sustainable Livestock Production*



Stakeholder Meeting

- Denmark
- **9-10 June, 2022**
- *Room of Acceptance for NGTs and gene-editing*



Showcasing

- Rotterdam
- **3 July, 14-17 CEST**
- *Match fit cows : Tools to optimise resilience and efficiency for tomorrows farming conditions*



Stakeholder Meeting

- Rotterdam
- **3 July, 15-17:20 CEST**
- *Bitcoin or genomics: Which brings more?*



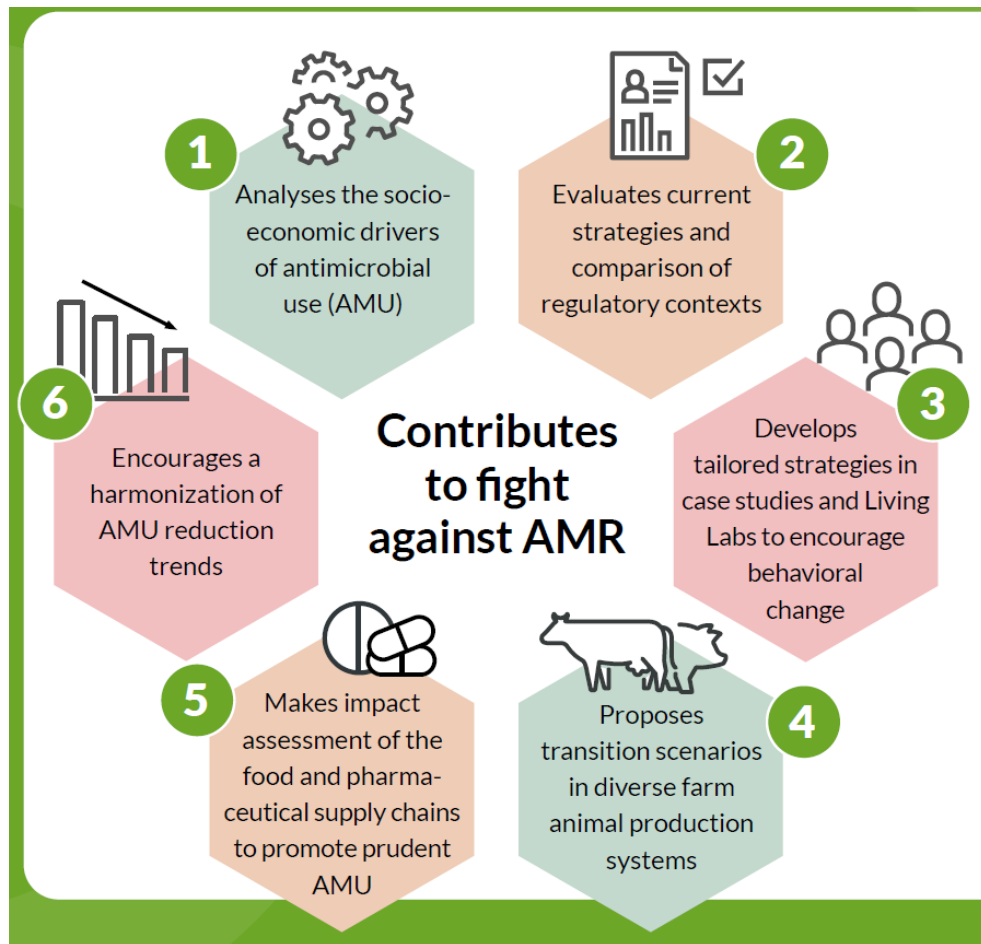
Scientific Results

- Rotterdam, WCGALP
- **4-8 July**





Rethinking of Antimicrobial Decision-systems in the Management of Animal Production



How does the project create impact?



Fight AMR by allowing cross-learning from diverse successful experiences



Encourage a harmonization of AMU reduction trends across Europe



Favour a decrease of AMU in animal production



An infrastructure for experimental research for sustainable pig production



How does the project create impact?



Transnational
access



Networking
activities



Joint
Research
Activities



- Capacity improvement of the RIs
- Guidelines and standard procedures for best practice & FAIR data sharing
- Non-invasive research tools and methods
- Model algorithms to be implemented in precision livestock management
- Research toolbox

The PIGWEB project has received funding from European Union's Horizon 2020 research and innovation program under Grant Agreement No 101004770.

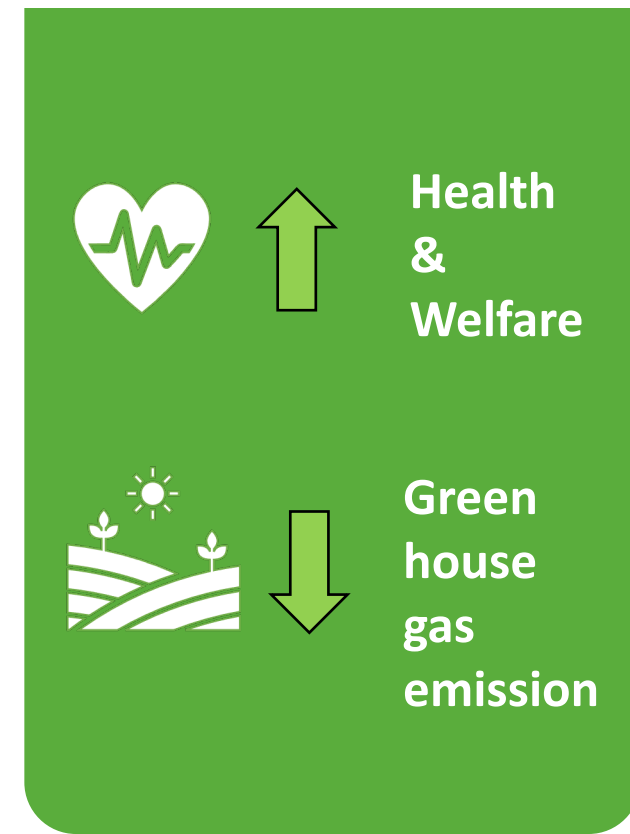


Understanding microbiomes of the ruminant holobiont



Healthy livestock microbial ecosystems

- 👉 **Characterise establishment and dynamics of microbiomes**
- 👉 **Determine connectivity between microbiomes**
- 👉 **Heritability**
- 👉 **Influence on the host key performance indices**





Upcoming relevant events

Scientific Results

- Budapest
- 11-13 May**
- ESPHM 2022*



Networking Lunch

- Brussels
- 16 May, 13-14 CEST**
- DISARM Final Event at Copa Cogeca "Practical advances in farming to tackle antimicrobial resistance"*



Presentation

- Brussels
- 18 May, 17:30-17:45 CEST**
- DPP 2022*



Scientific Results

- Canada
- 7-12 August**
- ISVEE 16, 2022*



Scientific Results

- Porto
- 5-9 September**
- EAAP 2022*



Scientific Results

- Granada
- 12-15 September**
- ISEP 2022*



EFFAB Financial Results 2021 - Budget 2022

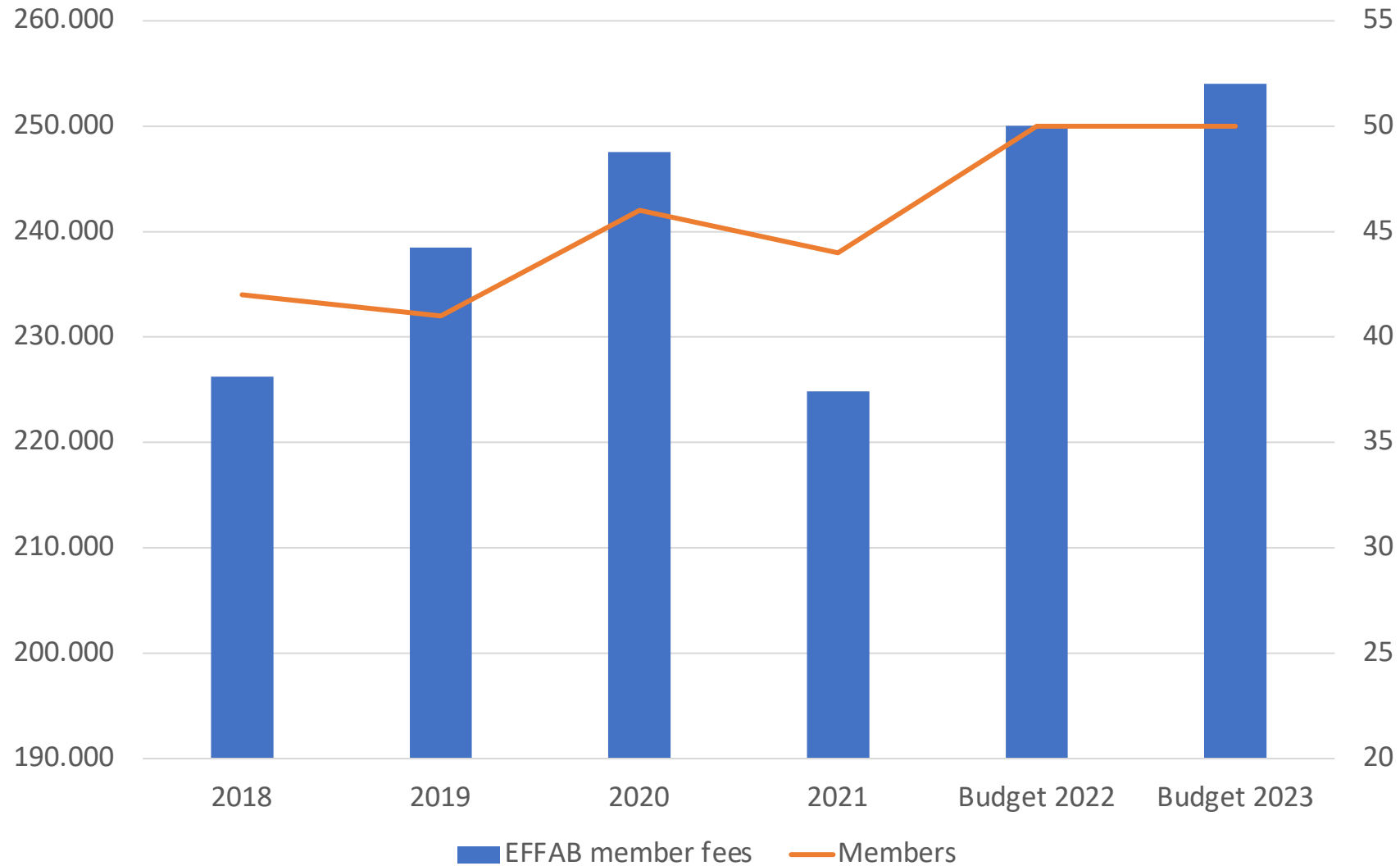
EFFAB membership



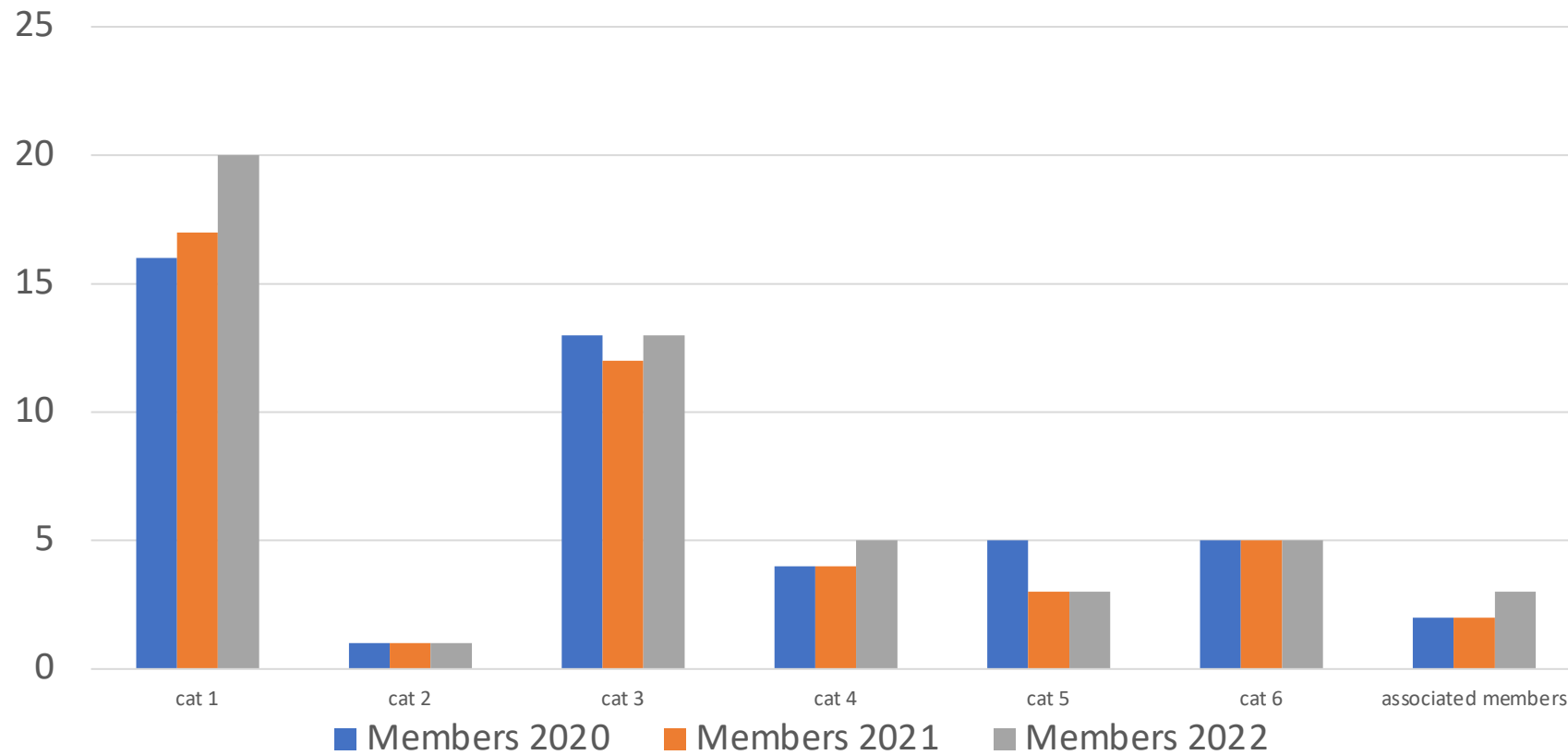
EFFAB Results 2021 and Budget 2022 : Income

	Realised 2020	Budget 2021	Realised 2021	Budget 2022
<i>SECRETARIAT</i>				
EFFAB member fees	247.535	224.849	224.849	250.037
Patent Watch fees	24.000	24.000	24.000	24.000
FABRE TP member fees	67.500	65.000	67.500	67.500
<i>Total EFFAB</i>	339.035	313.849	316.349	341.537
<i>RESEARCH PROJECTS</i>				
IMAGE	7.426	-	-	-
GenTORE	48.084	43.813	43.267	17.775
ROADMAP	35.571	62.500	43.443	105.500
AQUA-FAANG	20.818	50.000	31.788	75.938
GENE-SWITCH	22.070	56.250	36.509	82.500
PIGWEB	-	24.688	28.179	22.063
HOLORUMINANT	-	7.188	4.650	63.750
RUMIGEN	-	31.250	10.941	63.125
GERONIMO	-	36.825	17.299	50.188
Total RESEARCH PROJECTS	126.543	312.514	216.074	480.839
Total income	465.578	626.363	532.423	822.376

EFFAB Membership 2018-2022



Income from membership fees



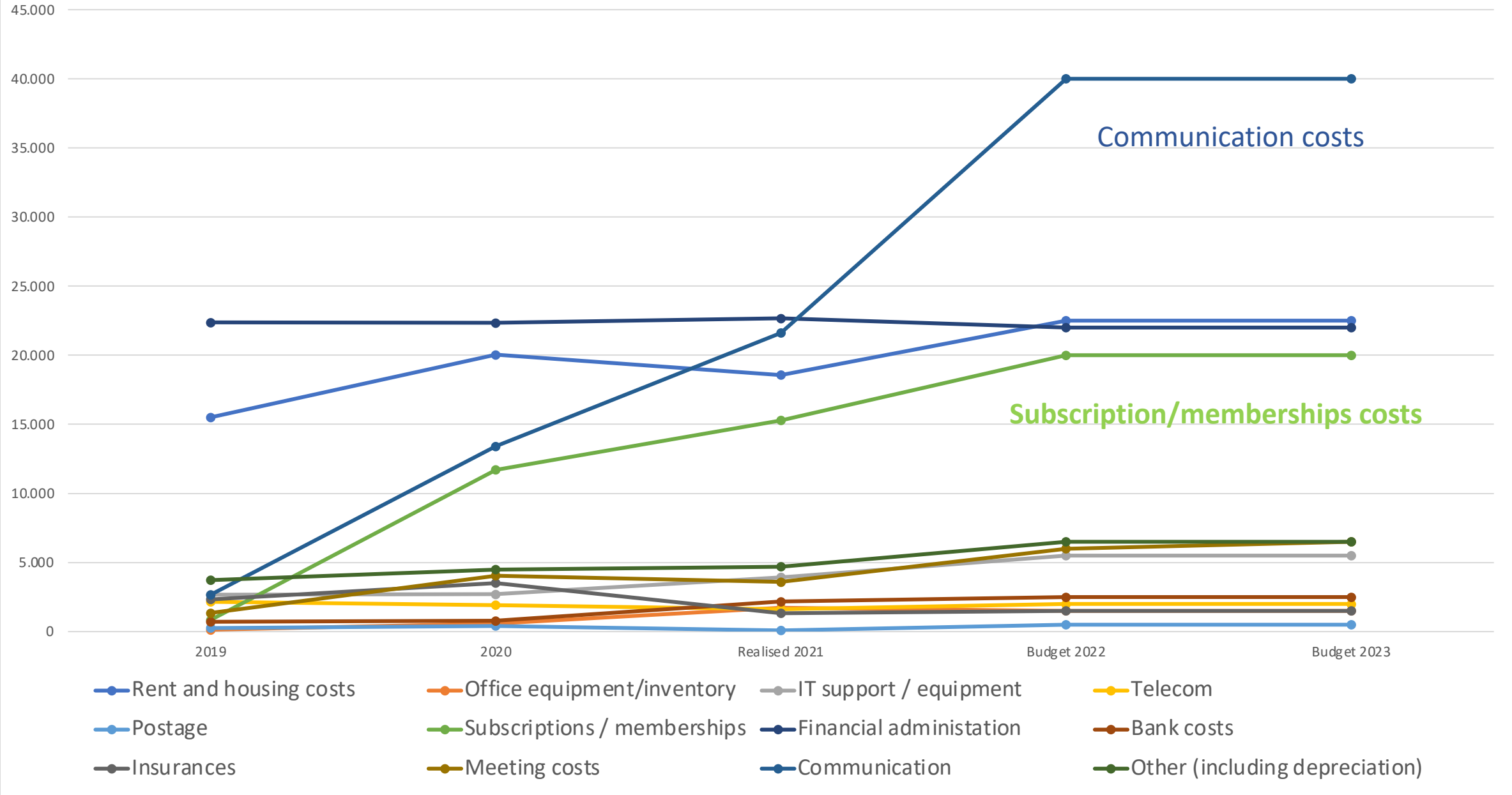
Project Budgets



EFFAB Results 2021 and Budget 2022 : Costs

COSTS	Realised 2020	Budget 2021	Realised 2021	Budget 2022
OPERATING COSTS				
Rent and housing costs	20.036	20.000	18.568	22.500
Office equipment/inventory	575	1.500	1.726	1.500
IT support / equipment	2.710	5.000	3.929	5.500
Telecom	1.920	2.250	1.622	2.000
Postage	418	500	85	500
Subscriptions / memberships	11.714	15.000	15.281	20.000
Financial administration	22.334	20.000	22.671	22.000
Bank costs	779	800	2.174	2.500
Insurances	3.511	2.500	1.330	1.500
Meeting costs	4.054	2.000	3.595	6.000
Communication	13.404	35.000	21.607	40.000
Other (including depreciation)	4.491	5.000	4707	6.500
TOTAL OPERATING COSTS EFFAB	85.946	109.550	97.291	130.500
Overhead covered by FABRE TP	-20,000	-20.000	-20.000	-20.000
Overhead covered by Patent Watch	-1,000	-1.000	-1.000	-1.000
TOTAL OPERATING COSTS EFFAB	64.946	88.550	76.291	109.500

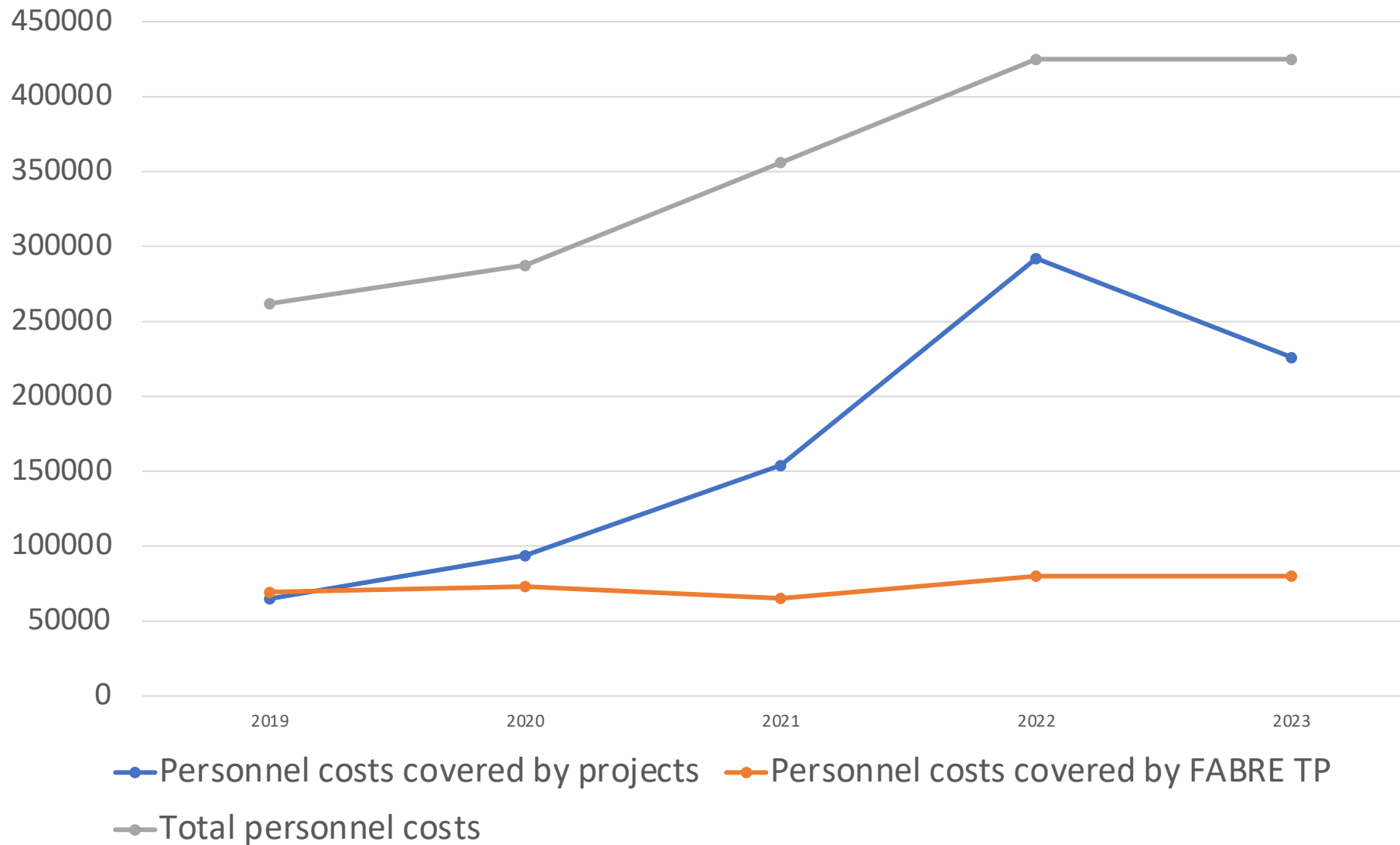
EFFAB Costs



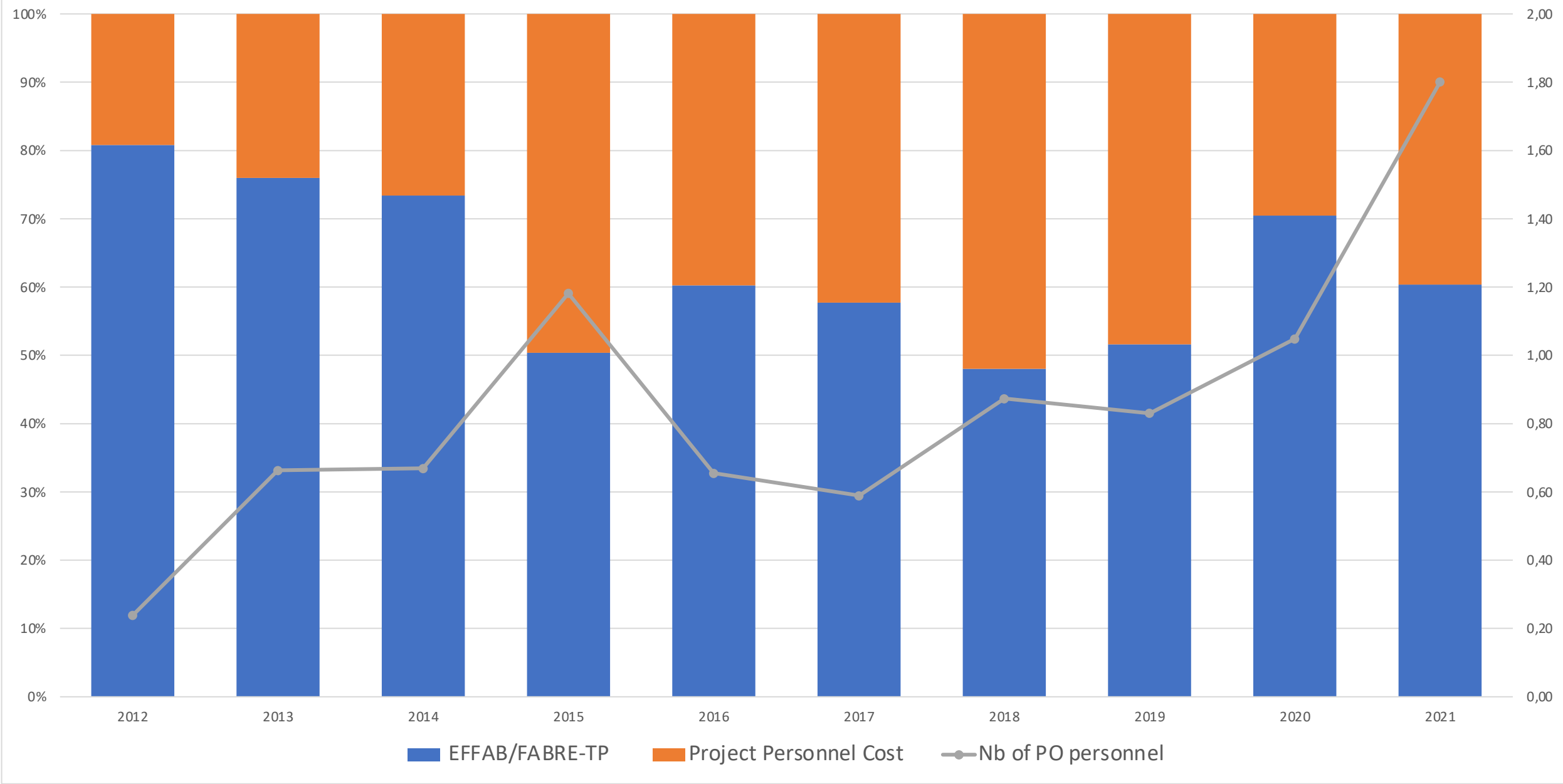
EFFAB Results 2021 and Budget 2022 : Costs

	Realised 2020	Budget 2021	Realised 2021	Budget 2022
COSTS SECRETARIAT				
Total personnel costs	287.374	399.000	356.088	425.000
Personnel costs covered by projects	-93.826	-191.500	-153.983	-292.050
Personnel costs covered by Patent Watch	-3.668	-3.000	-2.240	-3.000
Personnel costs covered by FABRE TP	-73.142	-85.000	-65.165	-80.000
TOTAL SECRETARIAT EFFAB	116.738	119.500	134.700	49.950
COSTS TRAVEL				
Travel secretariat	1.365	1.500	1.004	8.500
Travel Steering Committee	898	500	1.137	1.500
TOTAL COSTS TRAVEL	2.263	2.000	2.141	11.000
PATENT WATCH				
Personnel costs	3.668	3.000	2.240	3.000
Other costs	20.000	20.000	20.000	20.000
Overhead	1.000	1.000	1.000	1.000
TOTAL COSTS PATENT WATCH	24.668	24.000	23.240	24.000

Investing in skilled people



Share of Recharged Salaries in personnal costs



EFFAB Results 2021 and Budget 2022 : FABRE TP costs



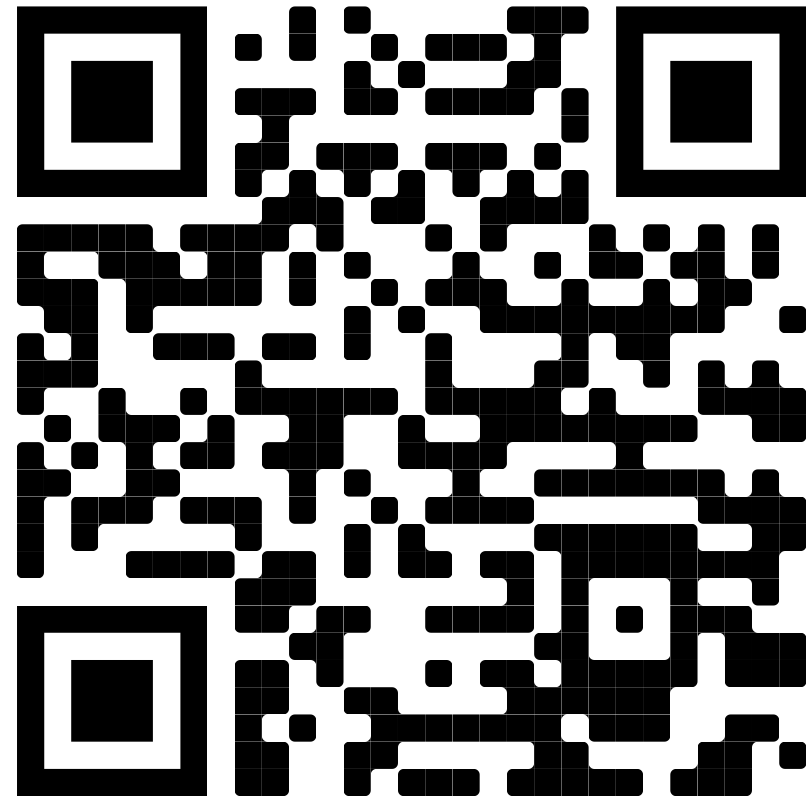
FABRE TP	Realised 2020	Budget 2021	Realised 2021	Budget 2022
Personnel costs	73.142	80.000	65.165	80.000
Other costs	5.081	8.500	4.181	8.500
Travel	1.137	1.500	2.211	5.000
ATF contribution	5.000	5.000	5.000	5.000
Overhead	20.000	20.000	20.000	20.000
TOTAL COSTS FABRE TP	104.360	115.000	96.557	118.500

EFFAB Results 2021 and Budget 2022 : Projects Costs

	Realised 2020	Budget 2021	Realised 2021	Budget 2022
RESEARCH PROJECTS				
IMAGE	5.941	-	-	-
GenTORE	40.495	39.950	36.800	14.220
ROADMAP	28.457	50.000	34.754	84.400
AQUA-FANGG	16.654	40.000	25.430	60.750
GENE SWitCH	17.656	45.000	29.207	66.000
PIGWEB	-	19.750	22.543	17.750
HoloRuminant	-	5.750	3.720	51.000
GERONIMO	-	29.460	13.839	40.150
RUMIGEN	-	25.000	8.753	50.500
TOTAL RESEARCH PROJECTS	109.203	254.910	175.046	384.770
Total costs	422.213	603.960	507.975	696.720
Result	50.791	22.403	24.448	125.656

It's time to vote!

**Elections for the ruminant representative
Elections for the Chair position
Financial Report
Budget
Minutes 2021**



Thanks! / Obrigado!

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