

SUSTAINABILITY, SEIZING THE OPPORTUNITY FOR LIVESTOCK

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Regional Conference on
Sustainable Livestock Transformation
for Latin America and the Caribbean

GOALS FOR HUMANITY AND PLANET



9 OF 17 HAVE
SIGNIFICANT,
IMPORTANT LINKS
TO LIVESTOCK



LIVESTOCK CONTRIBUTION TO SUSTAINABILITY

Livelihoods and economic growth



Economically viable and equitable livestock systems.

Improved livelihoods.

Food and nutrition security



Livestock critical for Sustainable Food Systems.

Animal source food in healthy diets.

Animal health and animal welfare



« One Health »

Societal (consumer) expectations.

Climate and natural resource use



Livestock and circular bio-economy.

Environmental services from livestock.

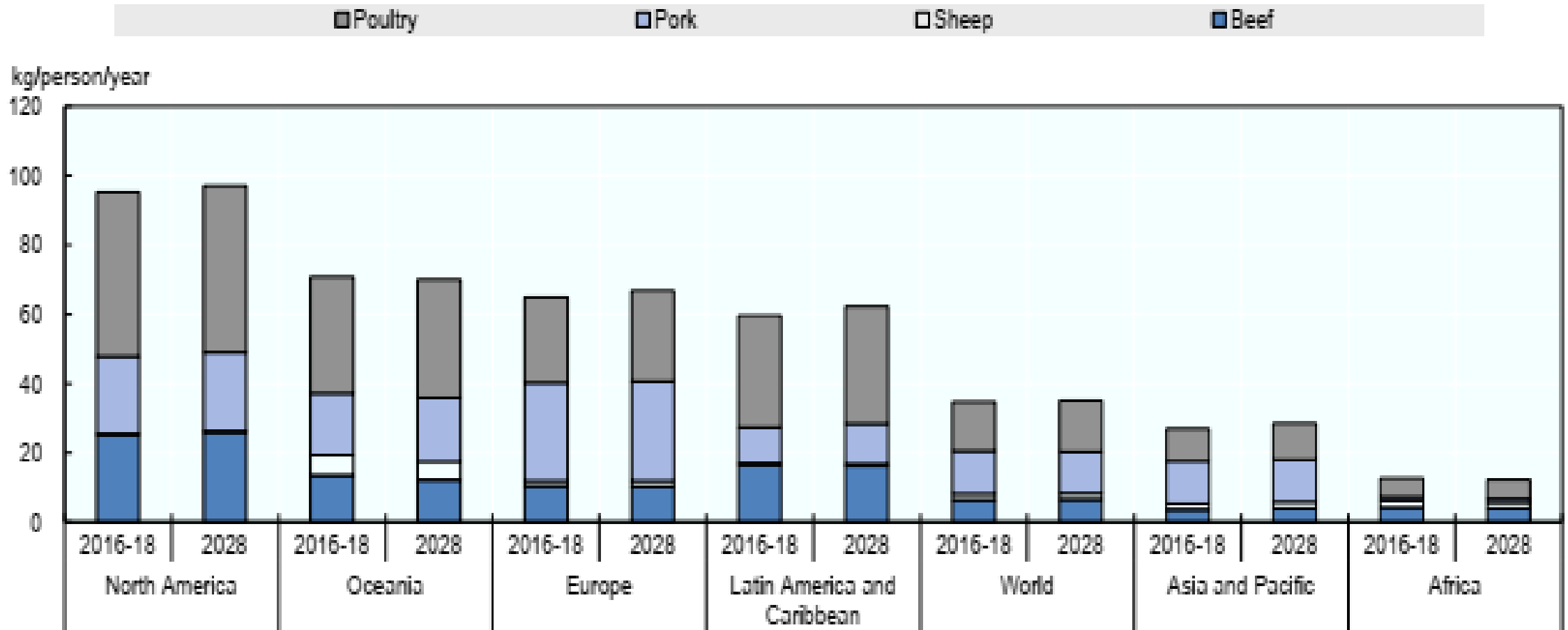




FOOD AND
NUTRITION
SECURITY

NOT EVERYONE HAS
ENOUGH ANIMAL
PROTEIN

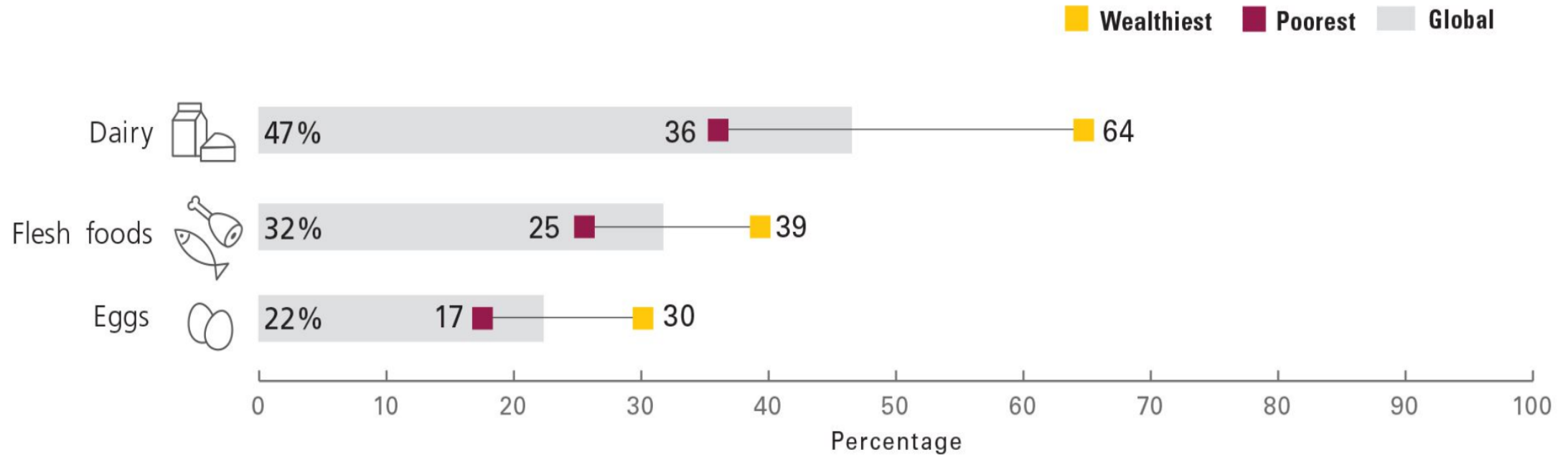
PER CAPITA MEAT CONSUMPTION, BY REGION



Note: Per capita is expressed in retail weight.

Source: OECD/FAO (2019), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database), <http://dx.doi.org/10.1787/agr-outl-data-en>.

%CHILDREN 3-23 MONTHS CONSUMING TERRESTRIAL ANIMAL SOURCE FOODS, BY QUINTILE



Flesh foods include meat, fish, poultry and organ meats

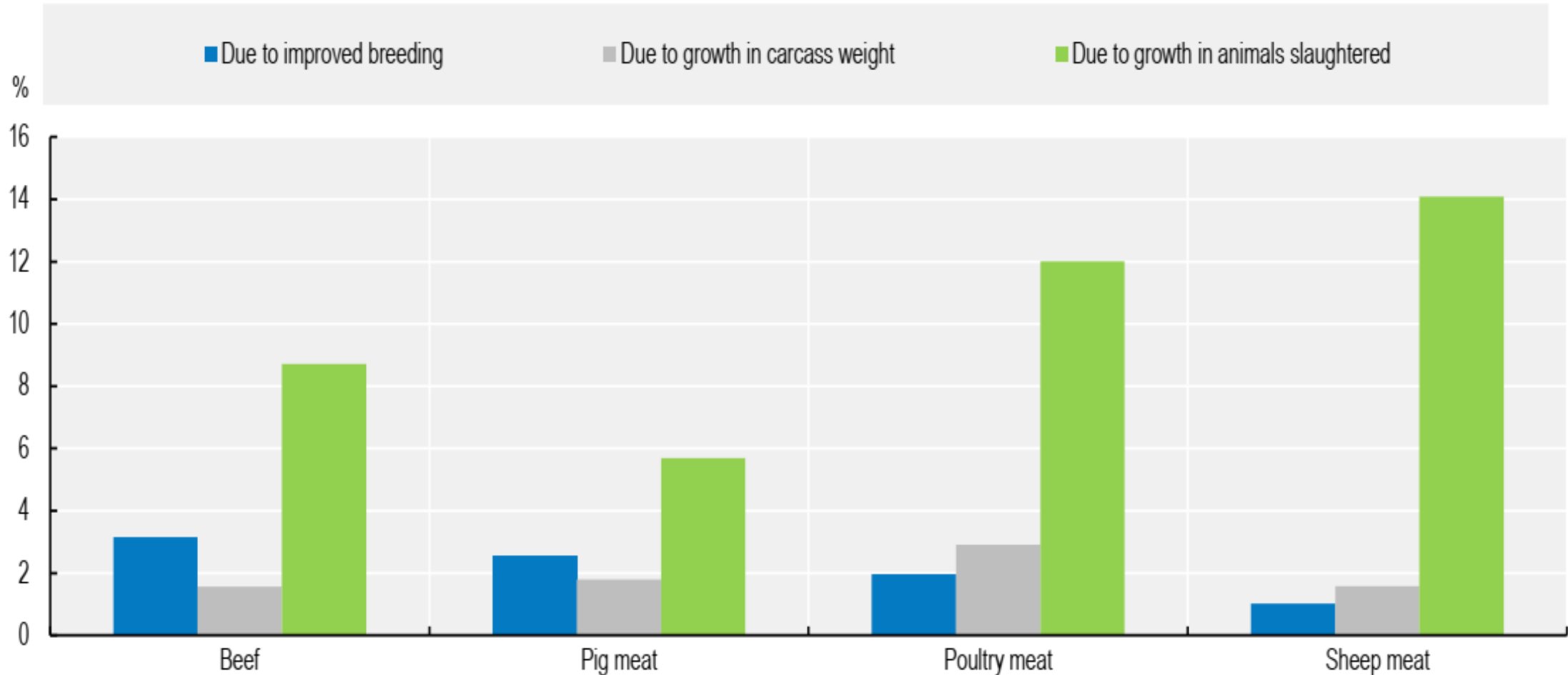
Source: Adapted from UNICEF. 2021. Fed to fail: 2021 Child Nutrition Report.



FEED THE WORLD

IS PRODUCTIVITY
ENOUGH?

Sources of growth in the meat sector, 2033 vs base period 2021-23



Source: OECD/FAO (2024), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database)



**MORE THAN JUST
PROTEIN**

LEAP GUIDELINES:

- **ECOSYSTEM SERVICES**
- **CIRCULAR BIOECONOMY**

MORE THAN JUST
PROTEIN

ECOSYSTEM
SERVICES



Food and Agriculture
Organization of the
United Nations



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FOR PUBLIC REVIEW

**Ecosystem services assessment in
livestock agroecosystems**

LIVESTOCK

- Uses mainly land not suited for crops and for which there is no other productive use.
- 70% of “productive” land can only be farmed for livestock
- Grazing livestock on permanent grassland with diverse species benefits biodiversity, soil fertility (including organic matter/carbon sequestration) and stability
- 86% feed for livestock not edible - grass, biomass, crop residues and by-products [source](#)



MORE THAN JUST
PROTEIN

CIRCULAR
BIOECONOMY



Food and Agriculture
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United Nations



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**Guidelines on the role of livestock
in circular bioeconomy systems**

FEED INDUSTRY USES COPRODUCTS

Brewers' grains, sugar beet pulp and wheat bran are generated during food and biofuel production.

Compound feed manufacturers play an important role in the food chain's circular economy, creating economic and environmental benefits for both the original production process and the livestock sector.

An important contribution to reducing food waste.

FEFAC publication: [Co-products, an essential part of animal nutrition](#)



MORE THAN JUST
PROTEIN

NUTRIENT DENSITY

PLAT SIGNATURE PAR DUCASSE PARIS
SIGNATURE DISH BY DUCASSE PARIS



BURGAL

Découvrez le burger à la beauté intérieure 100% vegan et végétal !

Discover the burger with inner beauty 100% vegan and vegetable!

Galette à base de courgettes, carottes, panais, lentilles, oignons,
quinoa, condiment caviar d'aubergine, tomates et poivrons, pickles

Galette made from zucchini, carrots, parsnips, lentils, onions,
quinoa, eggplant caviar condiment, tomatoes and peppers, pickles

AIRFRANCE

CD DUCASSE
PARIS



WE NEED LIVESTOCK

- Upscale waste to high-value, delicious & nutritious
- Ruminants (on average globally) consume 0.6kg edible protein for every kg meat produced
- Important co-products -offals, hides and skins, tallow, gelatin, retinol (for cosmetics), etc.
- Ecosystem services
- Circular bioeconomy



WE NEED LIVESTOCK **TO BE SUSTAINABLE**

- Upscale waste to high-value, delicious & nutritious
- Ruminants (on average globally) consume 0.6kg edible protein for every kg meat produced
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- Ecosystem services
- Circular bioeconomy
- **Food and Nutrition security**
- **Livelihood of poorest 1Billion (FAO)**





MULTISTAKEHOLDER
DIALOGUE

PRIVATE SECTOR

PUBLIC SECTOR

ACADEMIA

CONCERNED CITIZENS

GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK (GASL)

www.livestockdialogue.org

Multistakeholder: public, private, academia, IGOs, NGOs

Hosted by FAO: Build consensus on path to sustainability

Respond to growing demand for livestock, whilst contributing to food and nutritional security, secure livelihoods

Use natural resources efficiently, address climate change and mitigate other environmental impacts

Towards greater human, animal, and environmental health and welfare



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INTERNATIONAL COOPERATION

Codex Alimentarius (FAO+WHO)

FAO, Food and Agriculture Organization

WOAH, World Organisation for Animal Health

UNFCCC, UN Framework Convention Climate Change



FAO GLOBAL PLAN
OF ACTION

FOR SUSTAINABLE
LIVESTOCK
TRANSFORMATION



THE FUTURE IS
IN OUR HANDS

WE CAN BE HEROES, OR
“HAS BEENS”