



DE
KREKERIJ
SINDS 2018

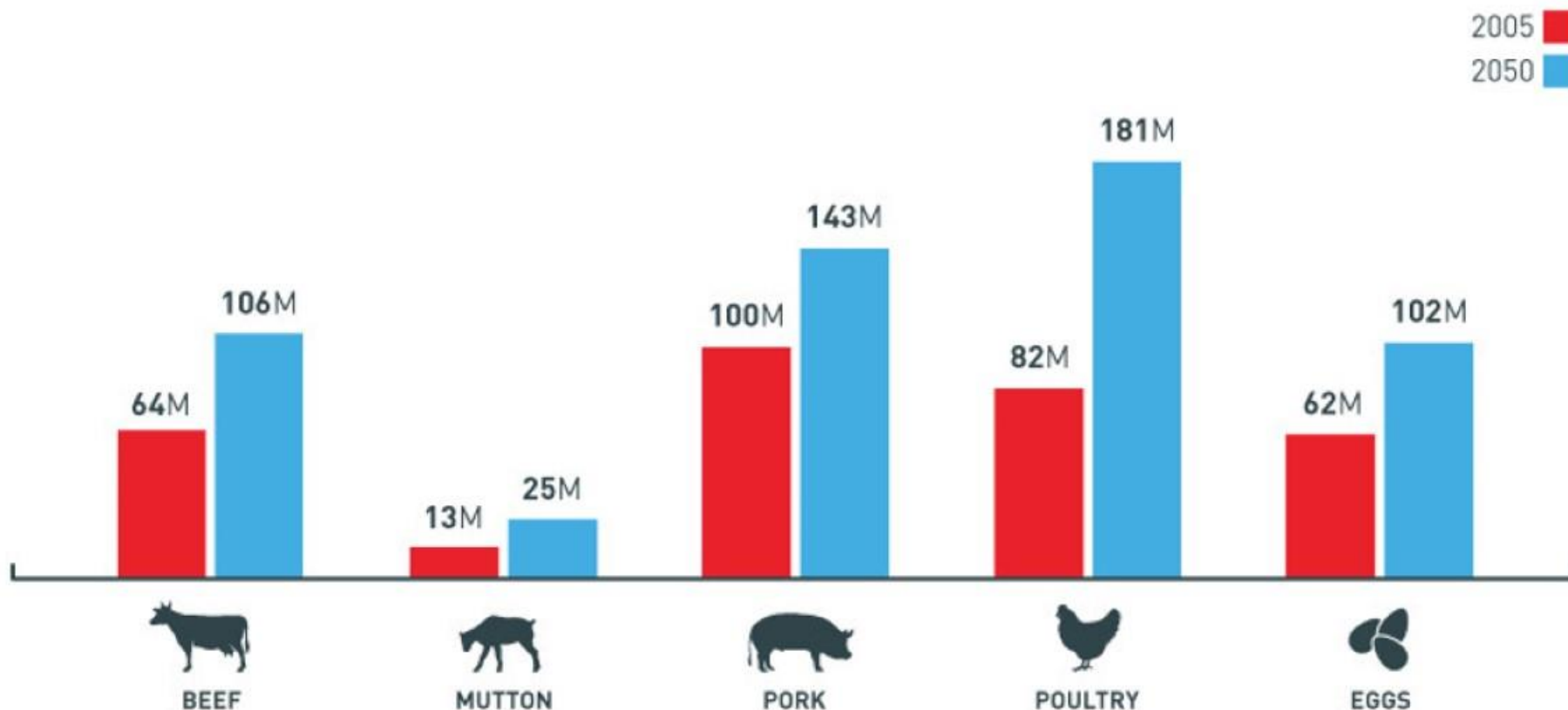
The Protein plan(et)

GLOBAL DEMAND FOR MEAT

2005 vs. 2050

(in tonnes)

Protein transition



Source: Food and Agriculture Organization of the United Nations, ESA Working Paper No. 12-03, p. 131



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insects

Resource efficiency

RESOURCES

needed for 1kg of protein



BEEF



CHICKEN



CRICKET



FEED in grams

10,000

2,500

1,700



WATER in liters

22,000

2,300

>1



LAND in meters²

200

65

20



GAS emissions in CO₂

150

40

20

SOURCES: Food and Agriculture Organization of the United Nations and the U.S. Department of Agriculture.

Nutrition

2X
MORE PROTEIN
THAN BEEF



4X
MORE IRON
THAN SPINACH



MORE
VITAMIN B-12
THAN SALMON



ALL
AMINO ACIDS
FOR MUSCLE
GROWTH



GOOD
SOURCE OF
OMEGA-3 FATTY
ACIDS

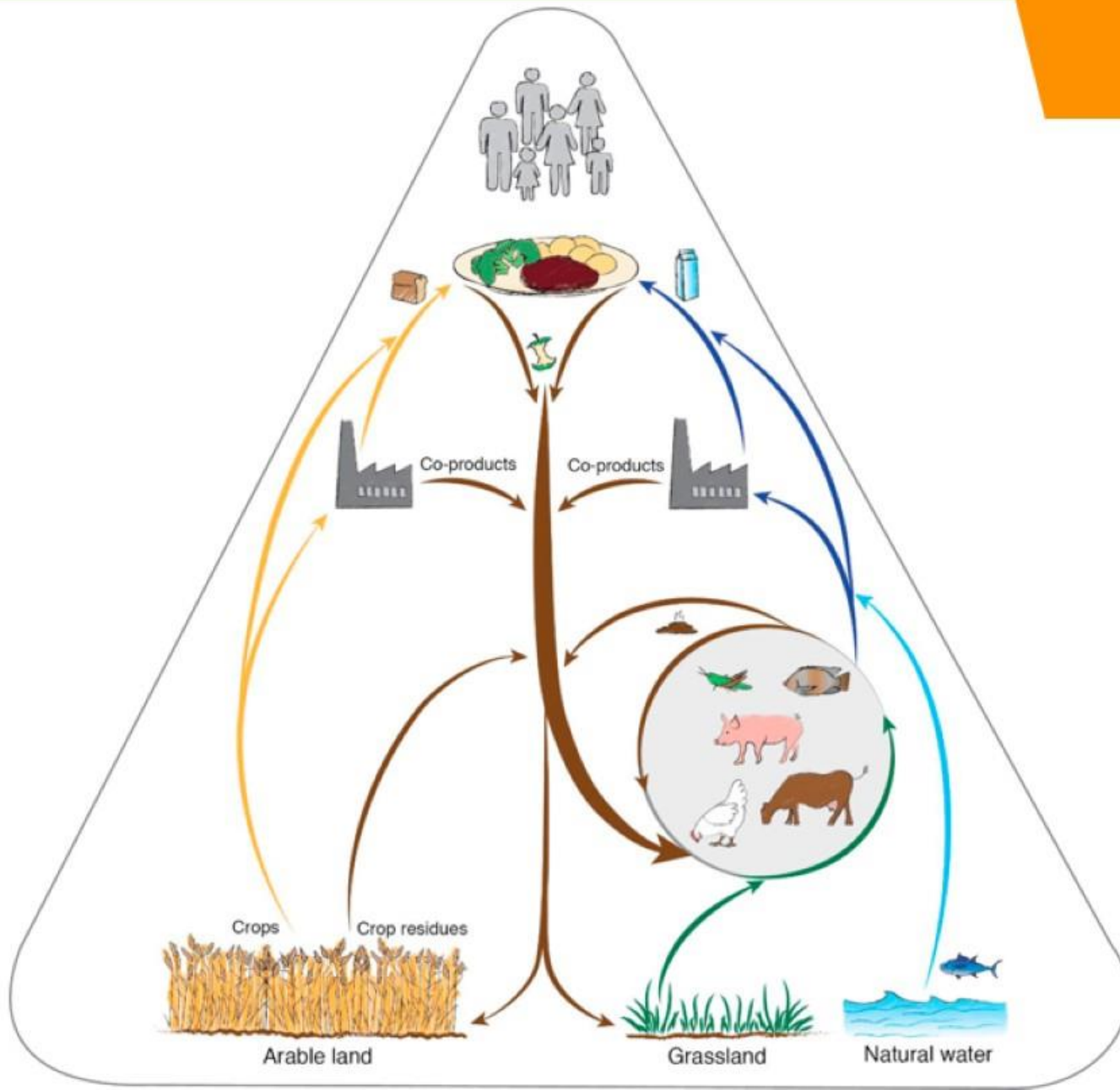


NO
NEGATIVE
DIETARY
ESTROGENS



Source: "the internet"

The new foodchain

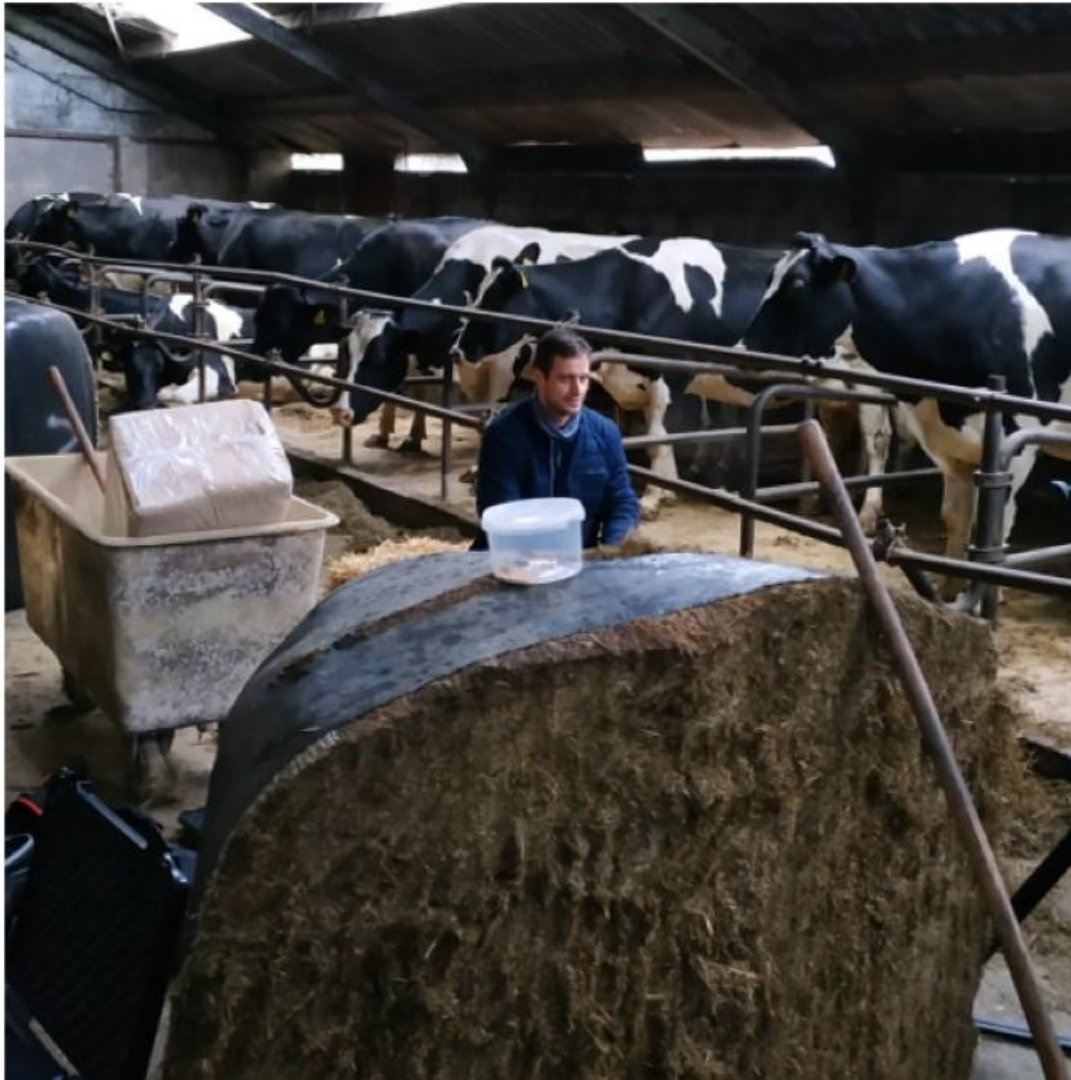


Circulair
voedselsysteem. Van
Zanten et al. 2018



Europees Landbouwfonds voor
Plattelandsontwikkeling: Europa
investeert in zijn platteland

De hollandse grasshopper, dat is een echte topper!



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A photograph showing a chef on the left wearing a dark apron over a light-colored sweater, holding a plate with a sandwich. On the right, a man in a dark suit and glasses is selecting food from a buffet line. The buffet counter has several trays of food, including what appears to be fried items. The background shows a modern interior with large windows and glass doors.

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A new protein
source



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