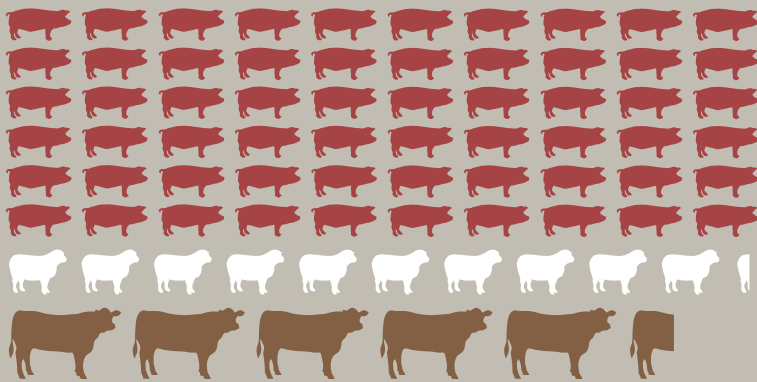


RENDERING IN NUMBERS

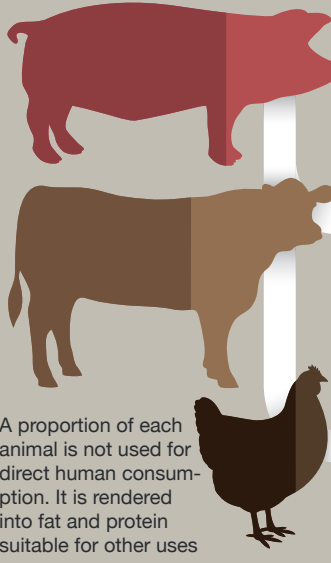
EUROPEAN RENDERERS TURN BY-PRODUCTS FROM THE MEAT AND DAIRY INDUSTRY INTO SAFE MATERIALS THAT CAN BE REUSED

OVER 325 MILLION

pigs, sheep, goats, beef and dairy cattle are slaughtered in the EU and UK each year.



30-40% OF EACH ANIMAL IS RENDERED



2.75 MILLION TONNES OF FALLEN STOCK IS COLLECTED ANNUALLY

Fallen stock is taken from farms within 24 hours to protect human and animal health



7 BILLION

Chickens, turkeys and other poultry are slaughtered in the EU and UK each year as part of meat and egg production



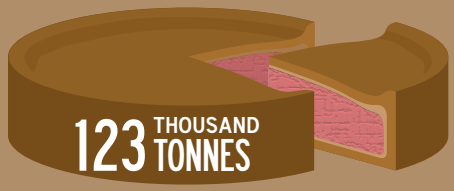
A proportion of each animal is not used for direct human consumption. It is rendered into fat and protein suitable for other uses

MATERIALS PROCESSED ANNUALLY

13 MILLION TONNES Fit for human consumption at point of slaughter

HIGHER RISK 5 MILLION TONNES Segregated for safety

EDIBLE FATS



Used as shortening in baked goods such as croissants and pastry, they are also excellent frying agents and used in various types of spread

FISH FEED 213 THOUSAND TONNES of processed animal protein is used in aquaculture replacing feed made from wild fish



ANIMAL FEED 132 THOUSAND TONNES of PAPs and other animal proteins are used in pig and poultry feed, all species segregated to prevent intra-species consumption



10% of the greenhouse gas emissions of soya meal

PET FOOD PAPs replace imported soya meal and have a lower carbon footprint

1.67 MILLION TONNES

ANIMAL FEED & PET FOOD

865 THOUSAND TONNES Category 3 rendered fat used annually instead of palm oil

10% of the greenhouse gas emissions of palm oil

SUITABLE FOR FOOD
SUITABLE FOR FEED AND TECHNICAL USE

SUITABLE FOR FUEL AND FERTILISER

SOLID FUEL 1 MILLION TONNES
Meat and bone meal replaces coal as fuel in power stations and cement kilns each year

Replacing fossil coal reduces additional CO₂ entering the atmosphere



LIQUID FUEL 2.1 MILLION CARS

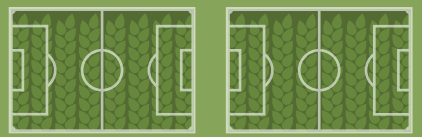
Enough biodiesel is produced from rendered fat each year to power



15% of the greenhouse gas emissions of fossil diesel

FERTILISER Animal by-products annually provide **ENOUGH NITROGEN TO FERTILISE ARABLE LAND THE SIZE OF 340 THOUSAND FOOTBALL PITCHES**

ENOUGH PHOSPHORUS TO FERTILISE ARABLE LAND THE SIZE OF 2 MILLION FOOTBALL PITCHES



OLEOCHEMICALS 360 THOUSAND TONNES

of Category 3 rendered fat is used by the chemical industry to make a range of products

