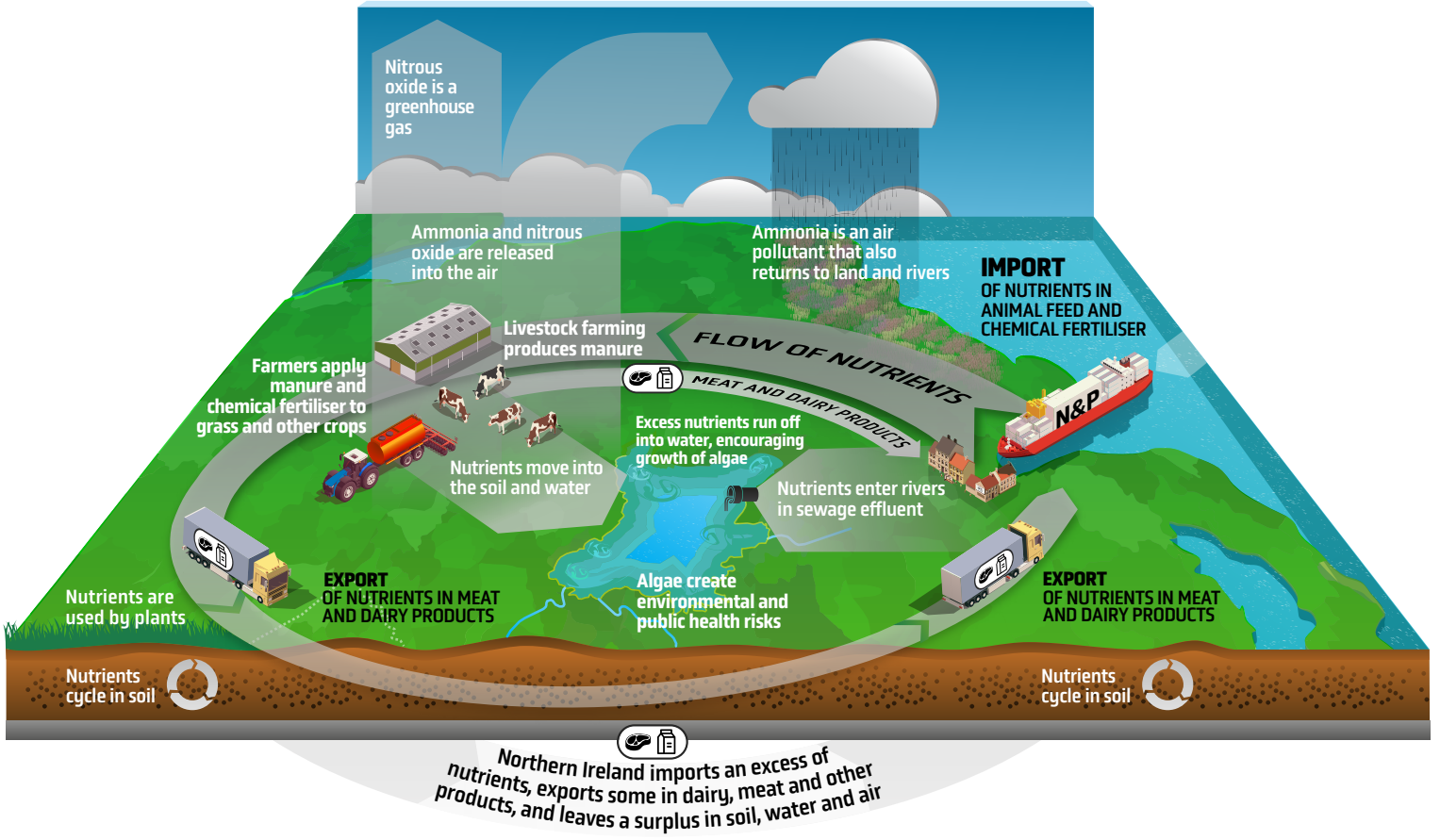
Nitrous oxide is a greenhouse gas
Ammonia and nitrous oxide are released into the air
Ammonia is an air pollutant that also returns to land and rivers
IMPORT
OF NUTRIENTS IN ANIMAL FEED AND CHEMICAL FERTILISER
Livestock farming produces manure
FLOW OF NUTRIENTS
MEAT AND DAIRY PRODUCTS
Farmers apply manure and chemical fertiliser to grass and other crops
Excess nutrients run off into water, encouraging growth of algae
Nutrients move into the soil and water
Nutrients enter rivers in sewage effluent
N&P
EXPORT
OF NUTRIENTS IN MEAT AND DAIRY PRODUCTS
Nutrients are used by plants
Algae create environmental and public health risks
EXPORT
OF NUTRIENTS IN MEAT AND DAIRY PRODUCTS
Nutrients cycle in soil
Nutrients cycle in soil
Northern Ireland imports an excess of nutrients, exports some in dairy, meat and other products, and leaves a surplus in soil, water and air