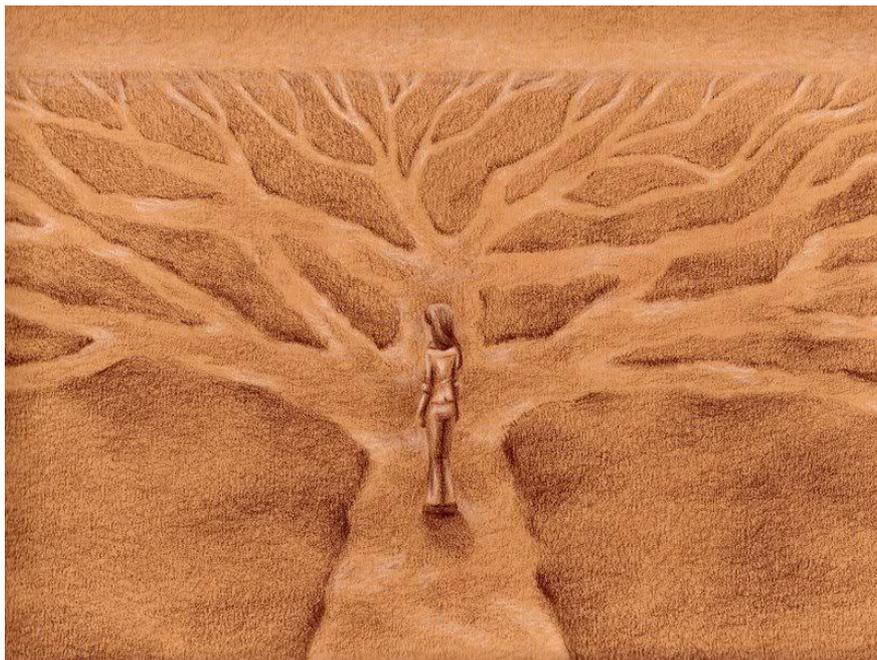




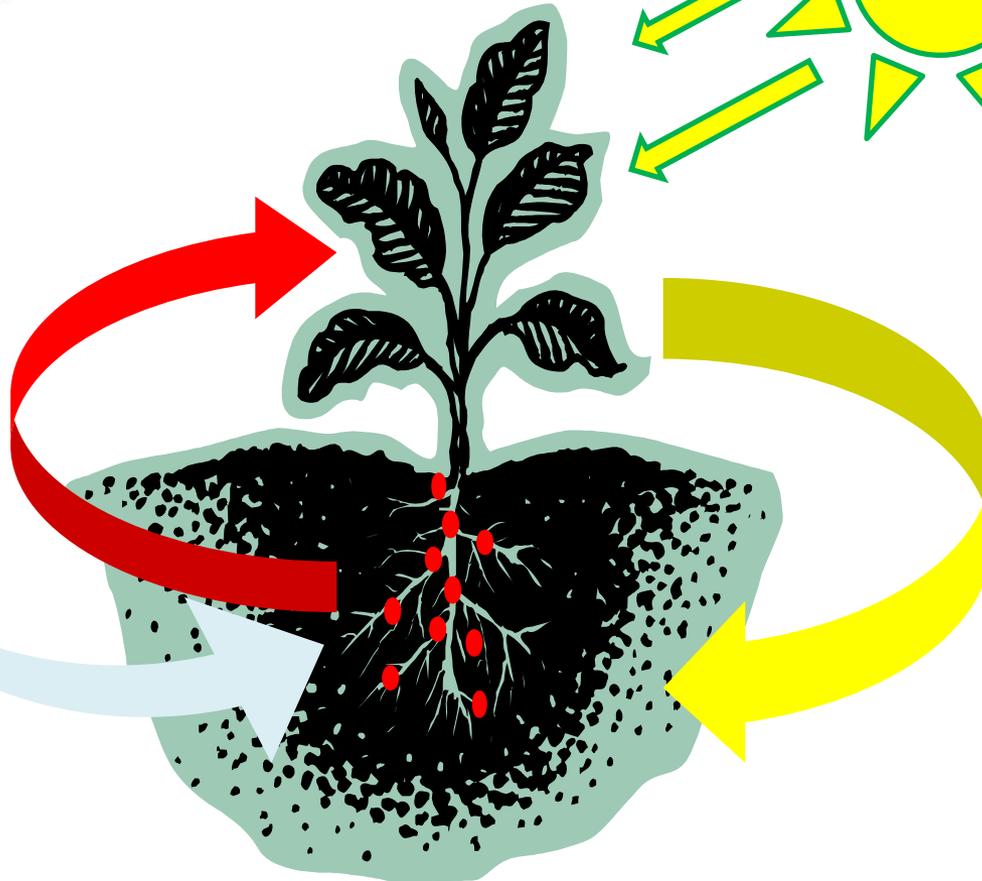
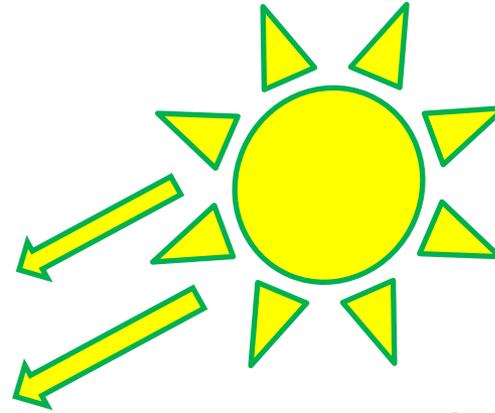
TRansition paths to sUstainable legume-based systems in EEurope

Pietro (Pete) Iannetta





AIR



Legumes are amazing plants, they make many different provisions to the food system

However, their levels of inclusion in European farms is very low

Why is this?

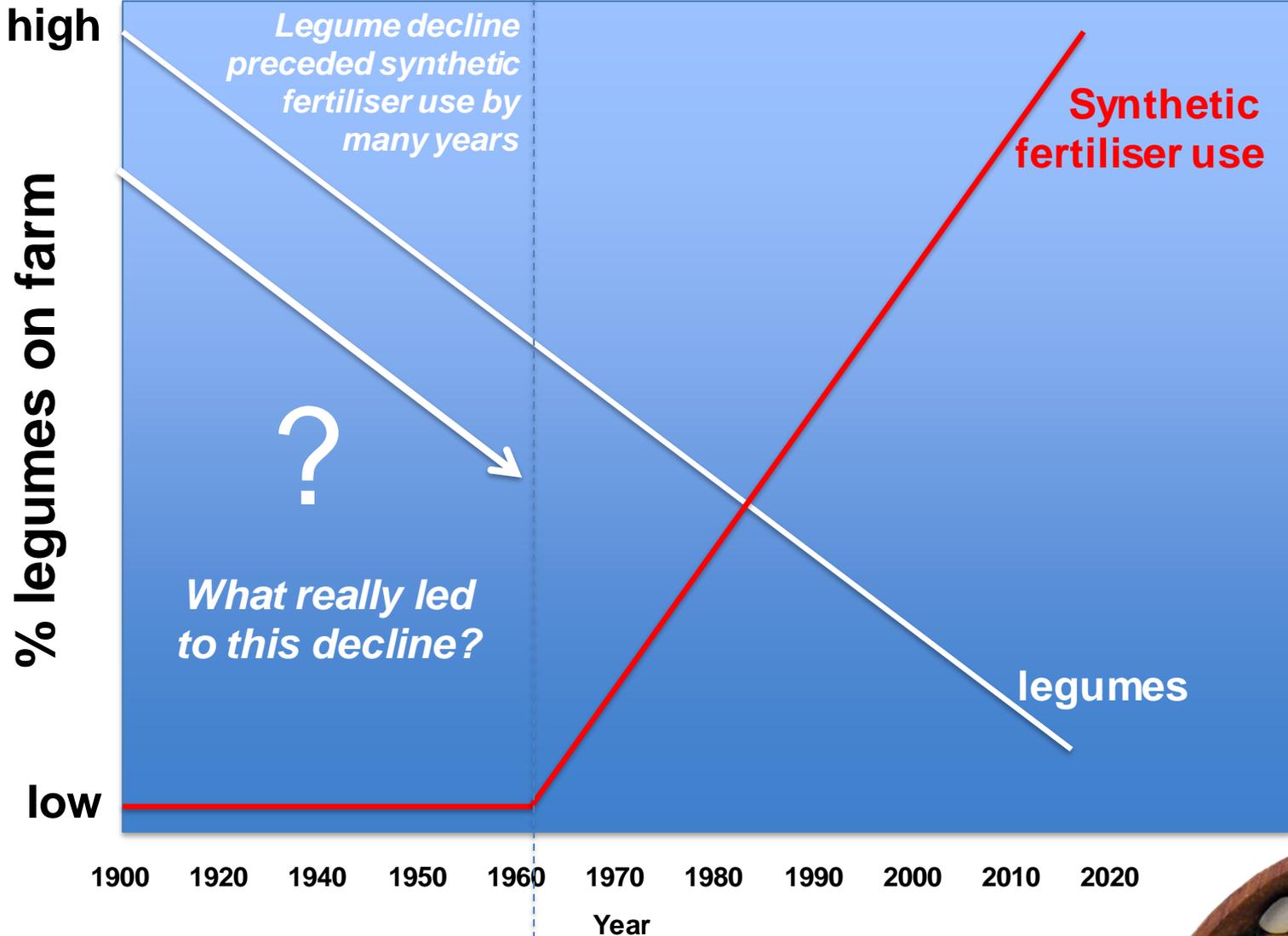




Synthetic fertiliser is often perceived as a major driver for the decline in legume cropping and consumption across Europe

Is the answer that simple?



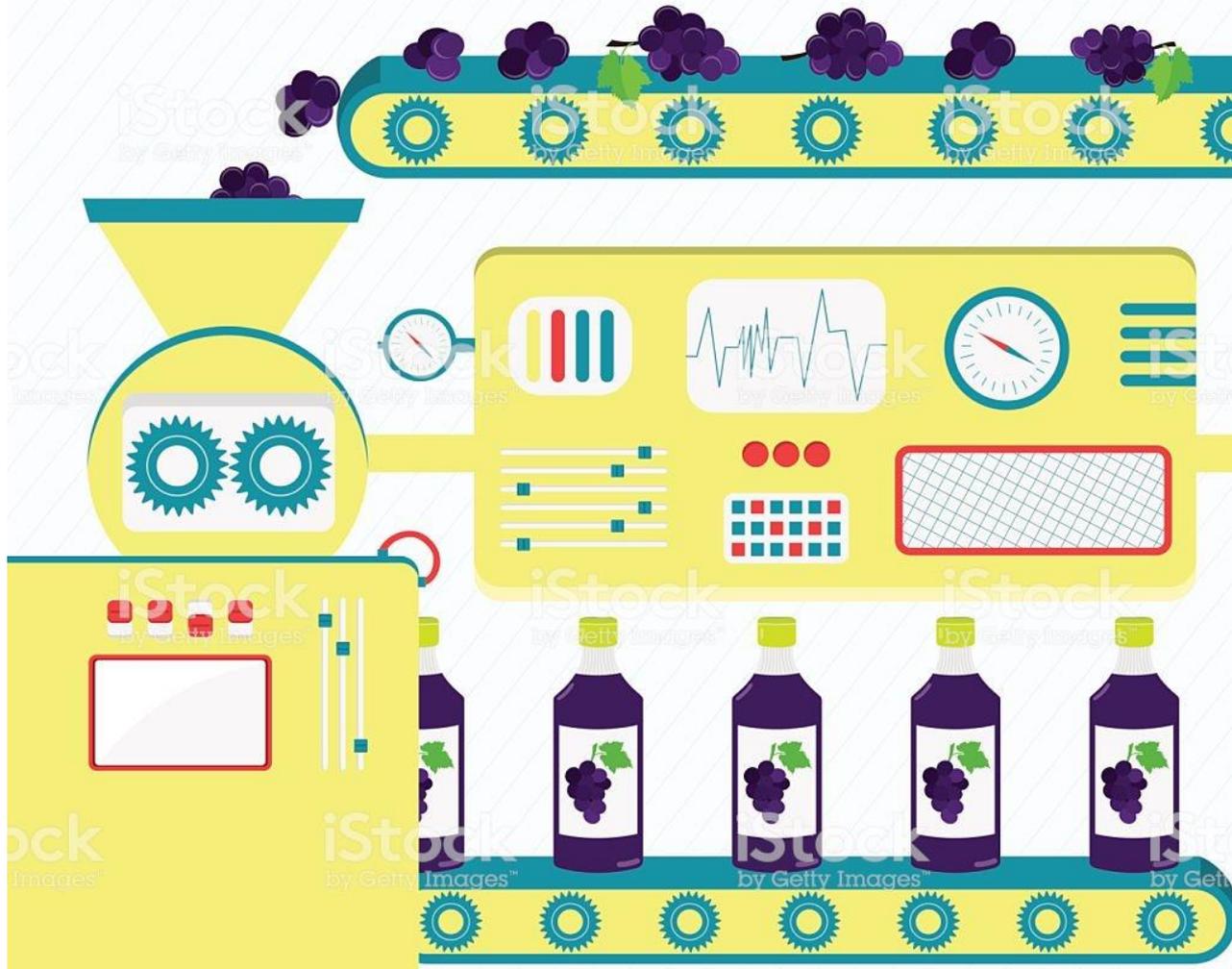




.....
Adapted from an original at quotesgram.com



To what extent is industrialisation (and globalisation), of the food system responsible for the decline of legume cropping across Europe?

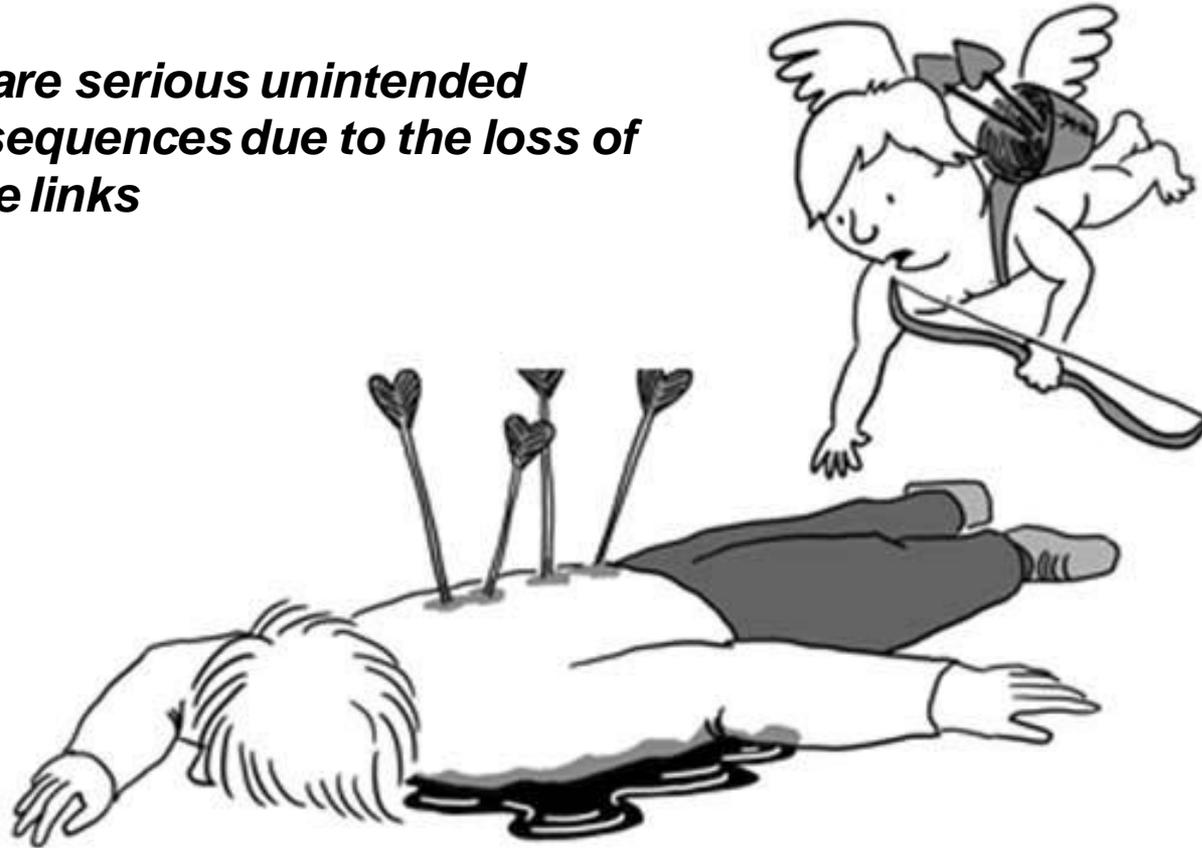




***Industrialisation of the food system
has destroyed many natural linkages,
environmental and cultural***



The are serious unintended consequences due to the loss of these links





Current food chains are based largely on commercial, not social and environmental, needs





***The damage to environmental health globally
from unsustainable consumption is proven***

app.emaz.com





But what is the impact upon consumers, as largely passive recipients of others activities?

2006 © COPLEY NEWS SERVICE
GARY MARKSTEIN

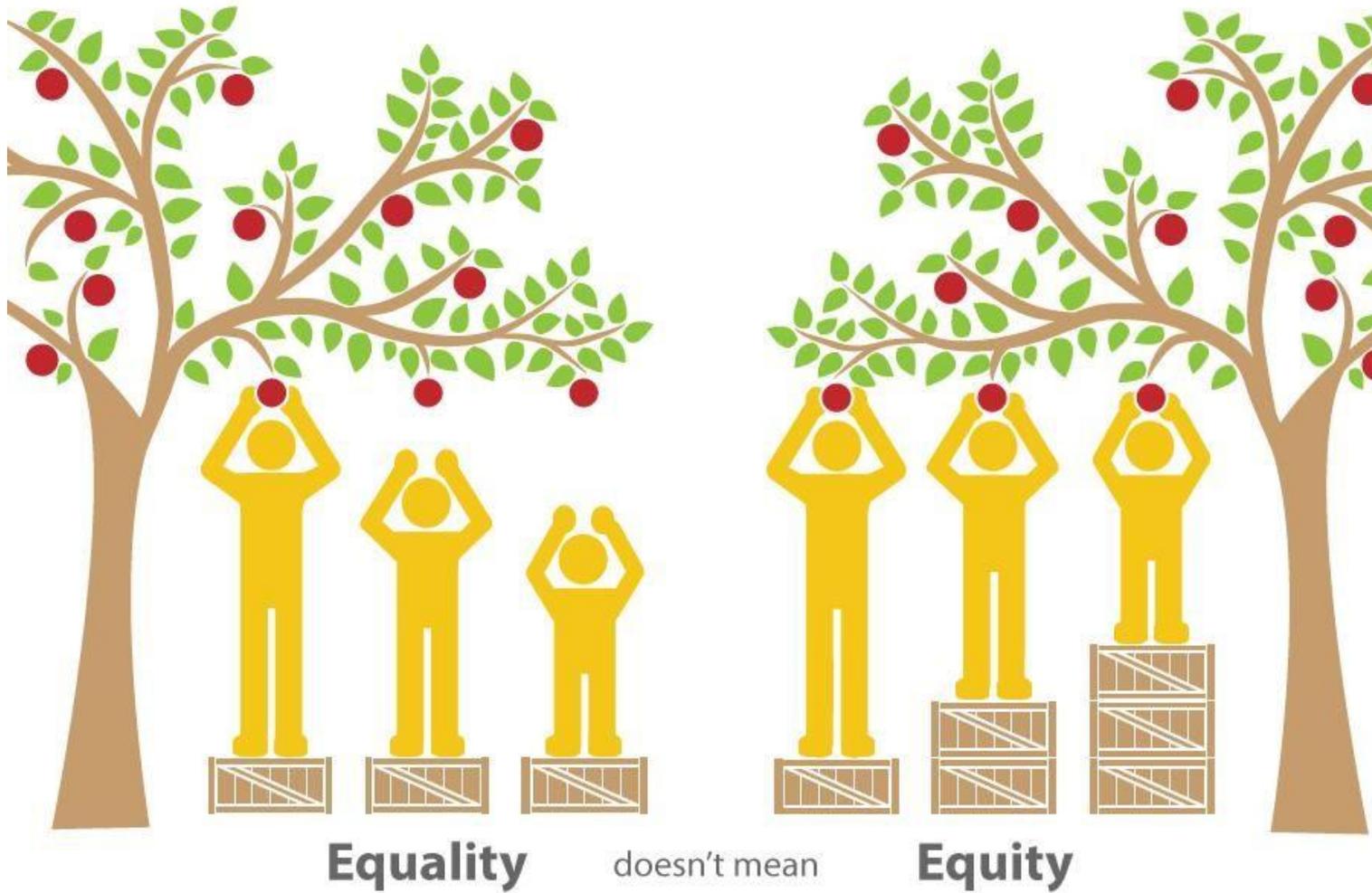




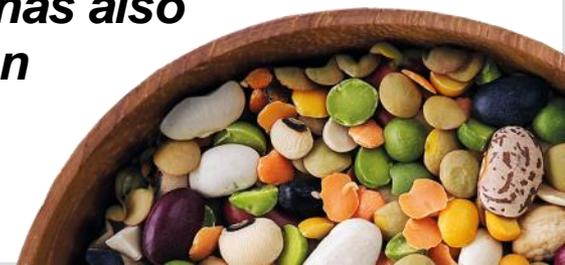
Industrialisation (and globalisation) of the food system has changed how we think and relate to the many aspects of food and food culture

.....
pinterest.com





Food (system) quality, equality and equity has also altered as a function industrialisation





So, have the food chains we have built now become shackles?

.....
hayspost.com





Even where legumes do appear they are ignored

American Grassfed® animals are actually grass-forage legume fed

Why is the all-important legume component all too often ignored?





You look, but cannot see me

You hear of me, but do not listen

You speak, but never talk of me

I am therefore here, but not yet yours

Adapted from an original by “Loula”





These considerations relate also to the soil qualities too, our legacy





Large scale importation of inexpensive soybean is being welcomed

This will not help the EU cropping system predicament

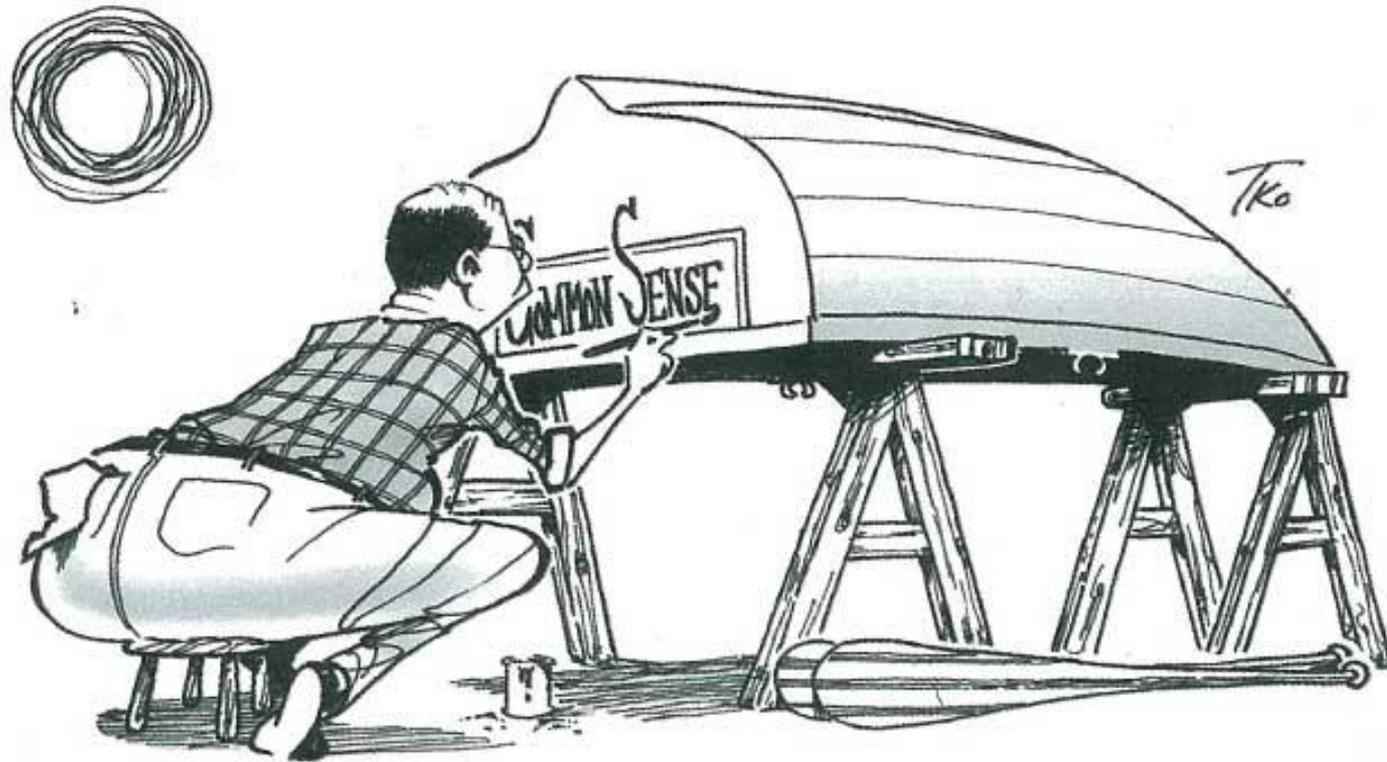
NEWS

EU's Juncker says trade talks with Trump almost collapsed over US agriculture demands

Agricultural trade will remain off the table in any trade talks between the US and EU, the EU chief said. A European commitment to buy more US soybeans is driven by market conditions not political intent.



The food system and its associated politics presents paradox, irony and contradiction



Consider, philosophically, 'The Bean Eater'



The Bean Eater (Mangiafagioli) - Annibale Carracci (1583-5)





***TR*ransition paths to *sU*sustainable legume-based systems in *EU*rope (TRUE)**

is funded by the European Union's Horizon 2020 Research and Innovation Program,
Grant Agreement number 727973

The James Hutton Institute

is supported by the Rural & Environment Science & Analytical Services (RESAS),
a division of the Scottish Government

TRUE-Project Manager, fanny.tran.iannetta@hutton.ac.uk

TRUE-Project Coordinator, pete.iannetta@hutton.ac.uk



Scottish Government
Riaghaltas na h-Alba
gov.scot