

An aerial photograph of a farm. In the center, there is a large, modern barn with a grey roof and a tan-colored section. The barn is surrounded by green fields. In the background, there are trees and a clear blue sky with some light clouds. The text is overlaid on the image in a white, sans-serif font.

“Is it wise to reduce our consumption of animal products in Europe from the point of view of sustainability? Can we easily replace protein of animal origin by protein of plant origin?”

An aerial photograph of a farm complex. In the center, there is a large, multi-story house with a dark roof and a chimney. To the left and right of the house are several large, white barns with gabled roofs. Further to the right, there are two large, green, dome-shaped structures, likely covered walkways or specialized storage. The farm is surrounded by vast green fields, and a line of trees is visible in the background under a clear blue sky.

Introduction

Why Farmers kept cows?

- Poor Land
- Soil used as fertilizer
- Human and Animal Manure
- To grow grain cabbage and potatoes
- Milk and meat

Addicted to fertilizer (1)

More and better Crops

- Faster and more efficient as manure
- Possible to feed more people and animals



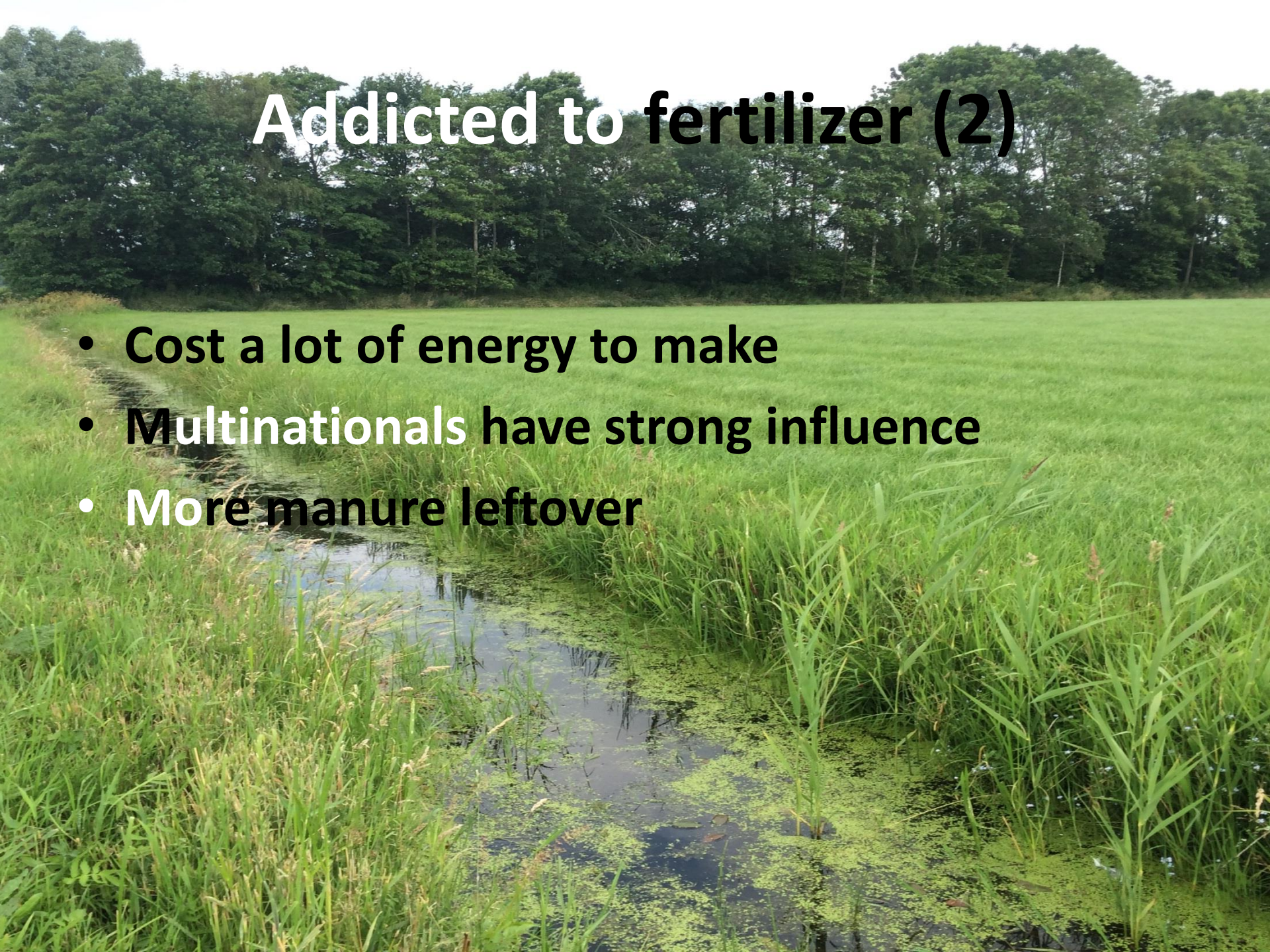
Political decisions

- **More manure and animals**
- **Cheap and much food**
- **Decisions are made on perception**
- **Citizens have no relation with agriculture**



Addicted to fertilizer (2)

- Cost a lot of energy to make
- **Multinationals** have strong influence
- **More manure** leftover



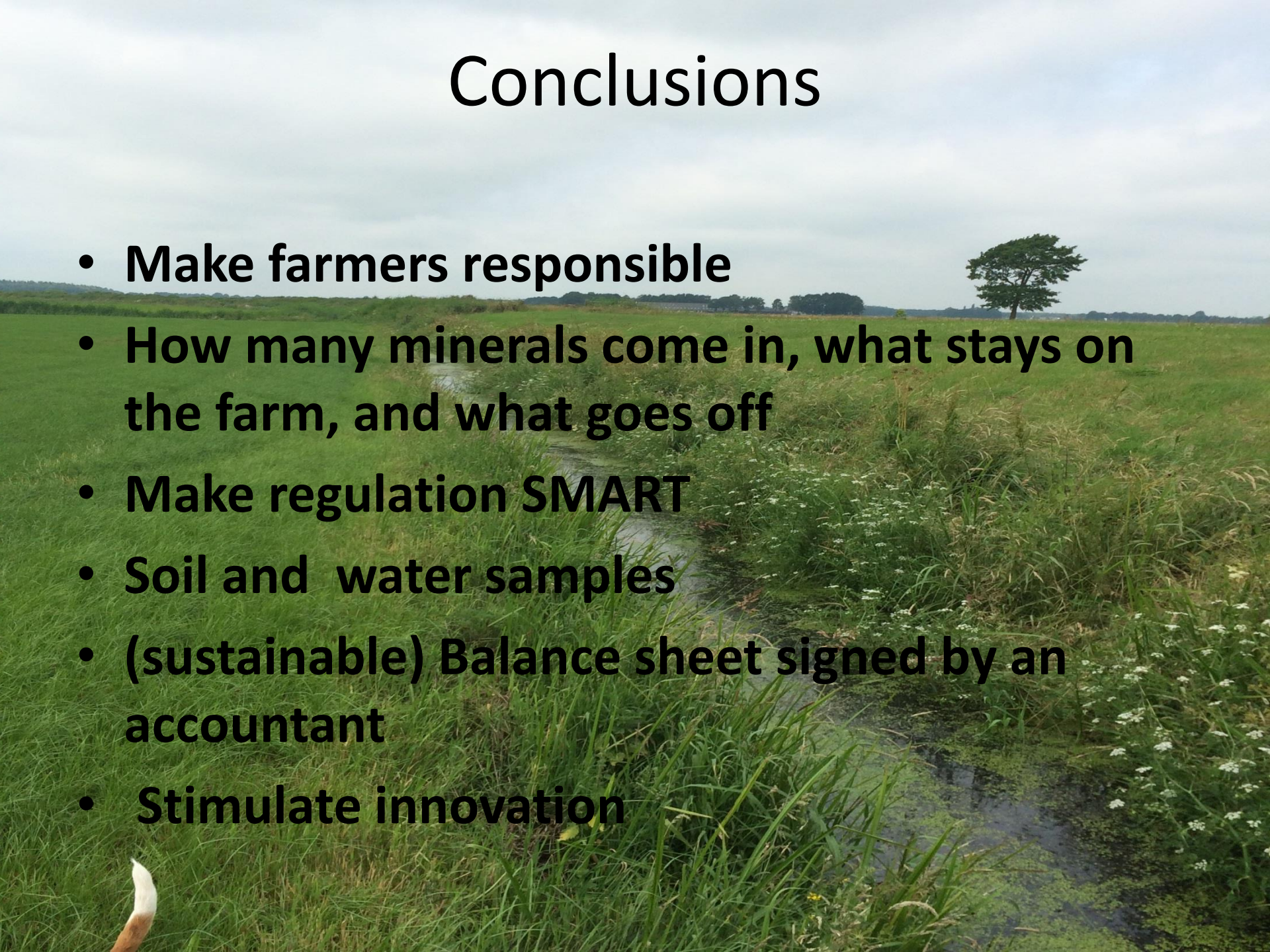
Conclusions

- **Develop mineral concentrate**
- **Push use of manure instead of fertilizer**
- **Make better use of science**
- **Stop ridicule manure relegation**



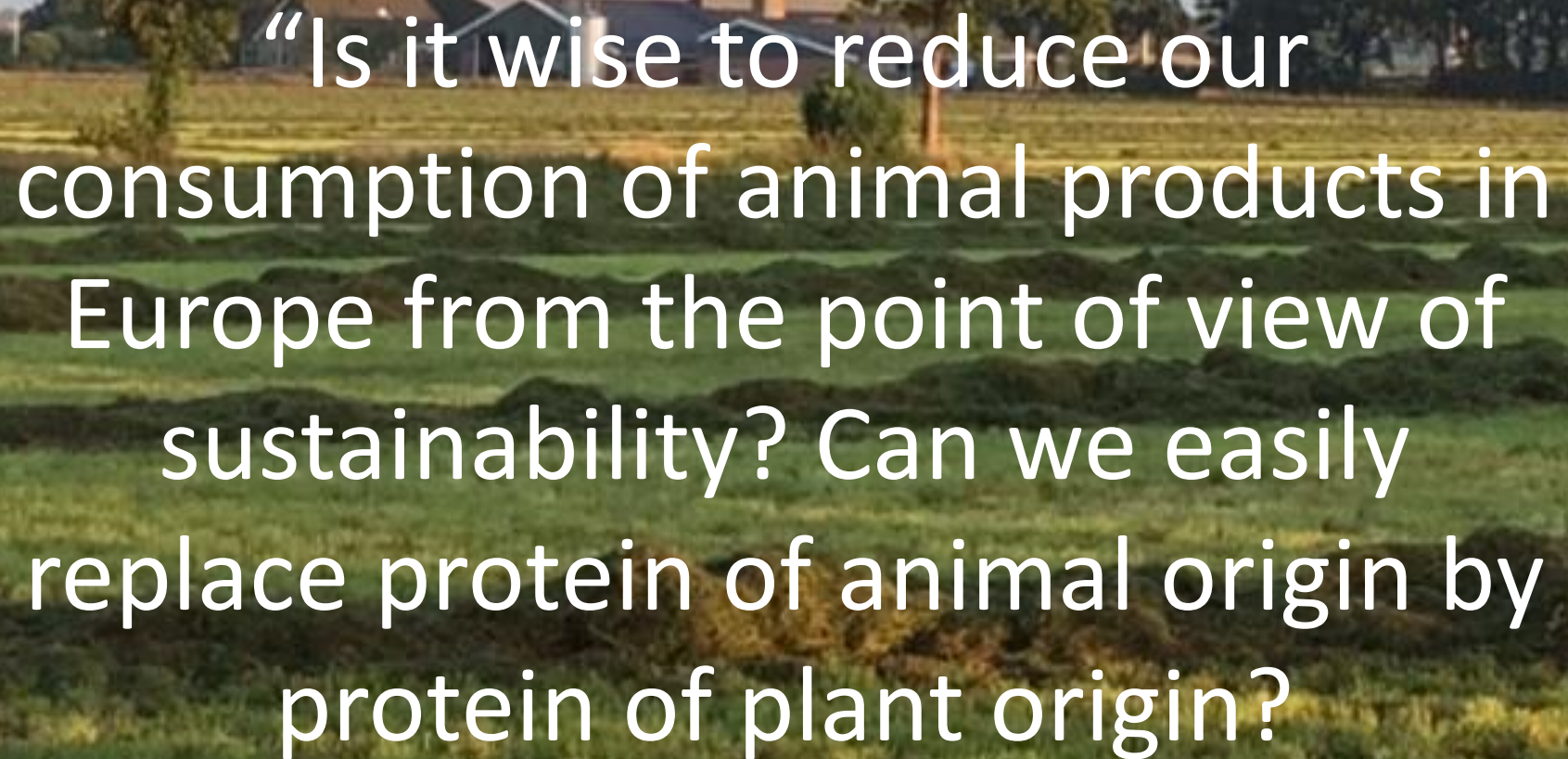
Conclusions

- **Make farmers responsible**
- **How many minerals come in, what stays on the farm, and what goes off**
- **Make regulation SMART**
- **Soil and water samples**
- **(sustainable) Balance sheet signed by an accountant**
- **Stimulate innovation**





[Secretary of Agriculture USA](#)



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