

25
Years



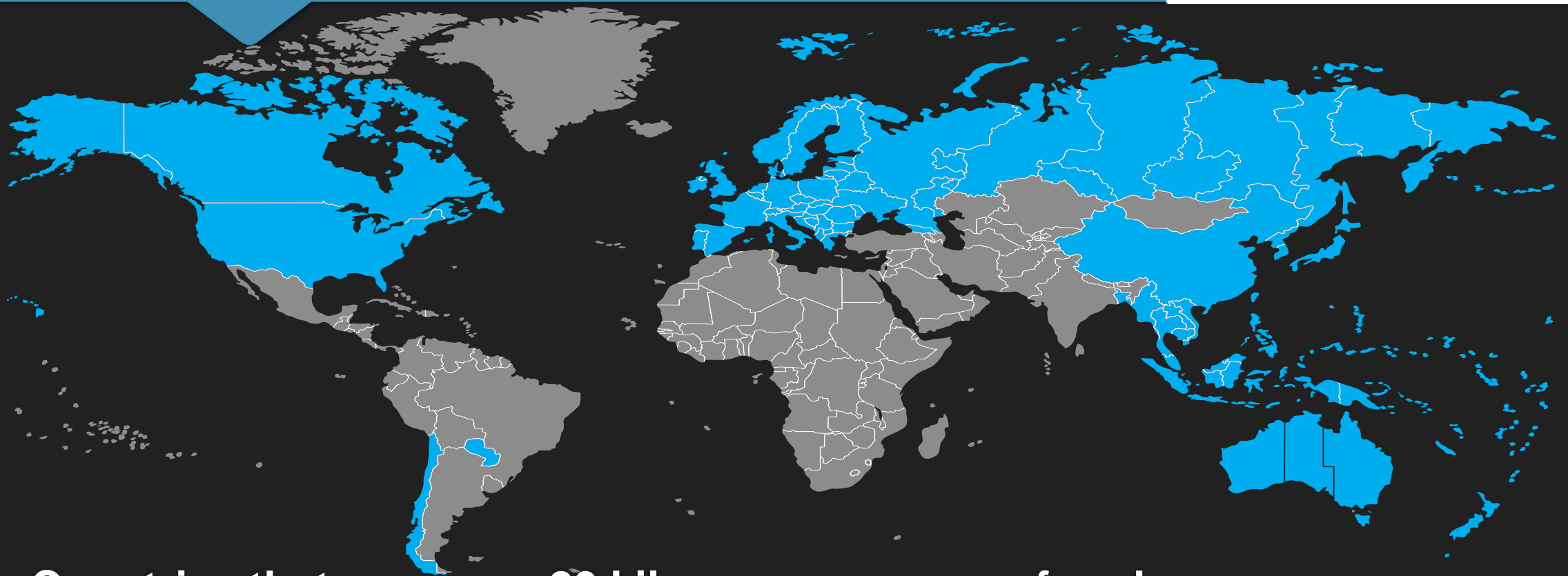
Food security: what can we expect in 2050?

Eddy Thomas

Director Elanco Benelux & Nordics

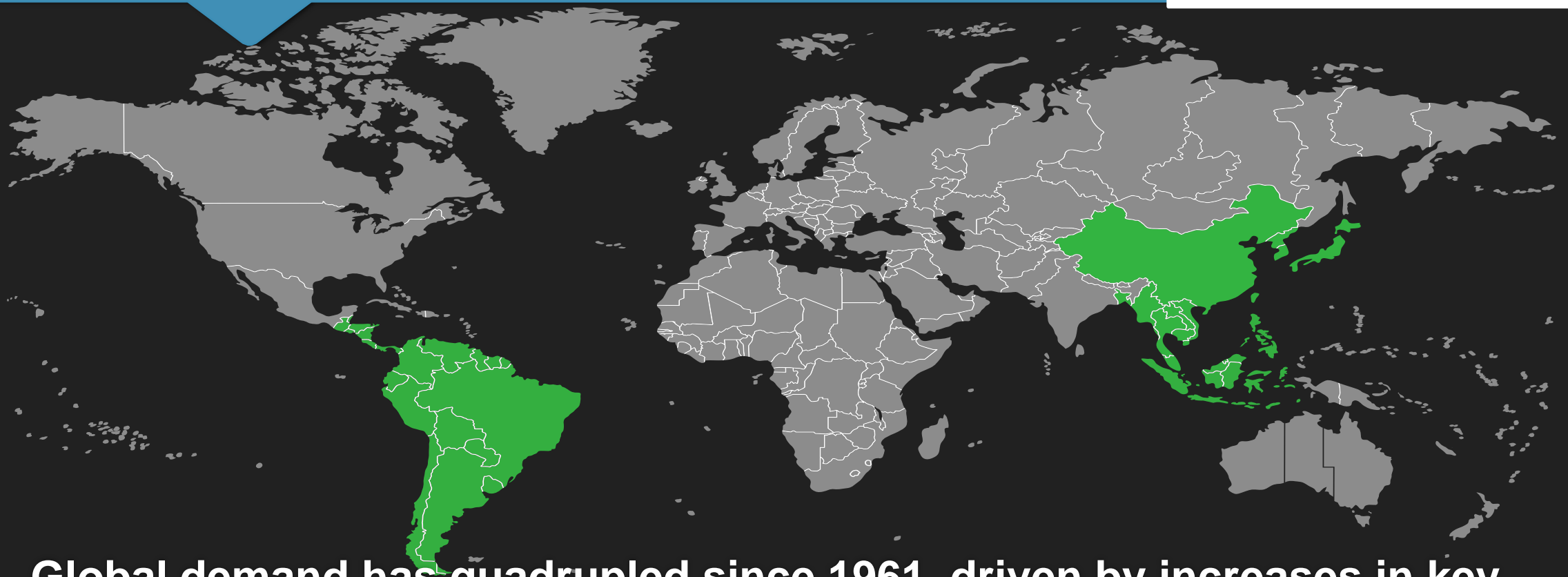
Thursday 4th June 2015

Where is pork consumed today?



Countries that consume 20 kilograms or more of pork per year annually.

Which regions are driving demand for pork?



Global demand has quadrupled since 1961, driven by increases in key regions, including Asia, and Central and South America.

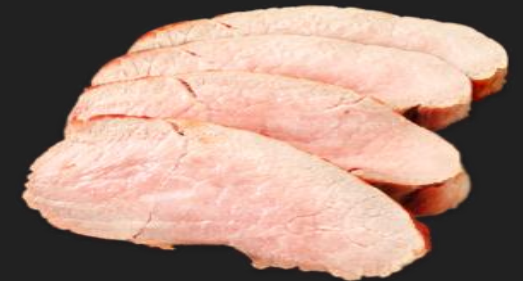
Delivering more pork per person per week



1961:
153 grams

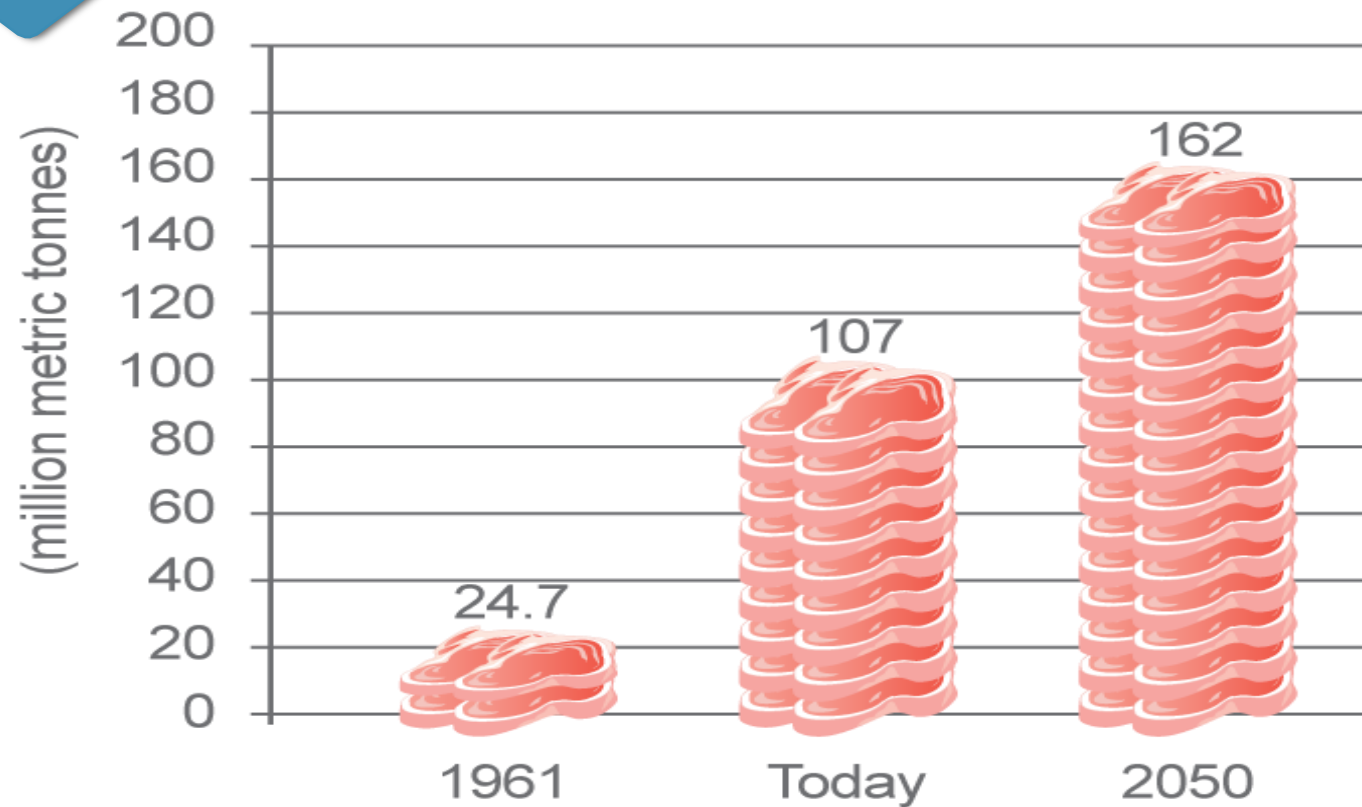


2009:
303 grams



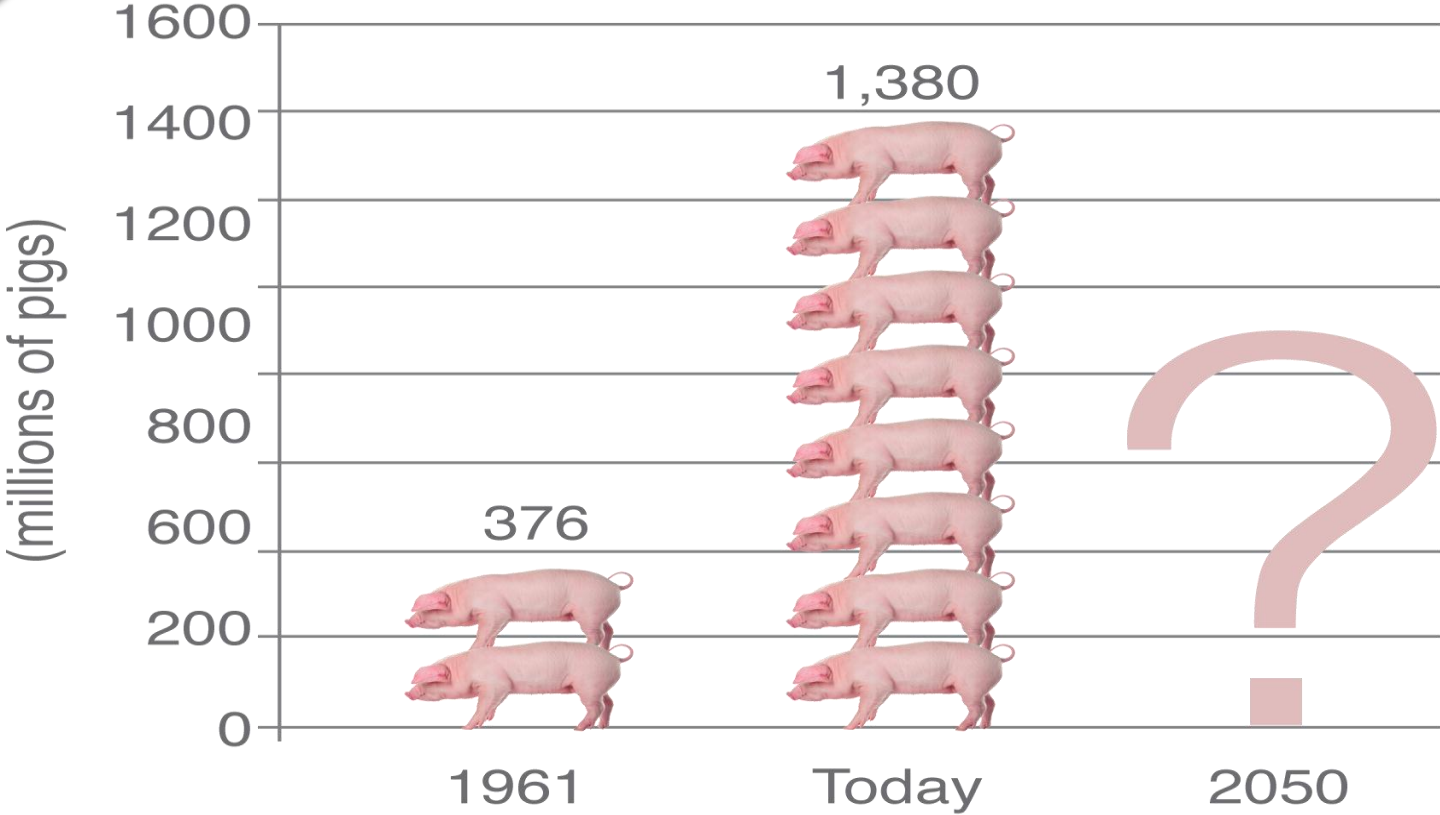
2050:
340 grams

By 2050, we will need 50% more pork





How many pigs will we need to produce 162 million metric tonnes of pork in 2050?



Adapted from FAO, FAOSTAT <http://faostat.fao.org>, Accessed May 22, 2014.
Food & Agriculture Organization, World Livestock 2011: Livestock in food security. Rome.



Add 710 million more pigs?

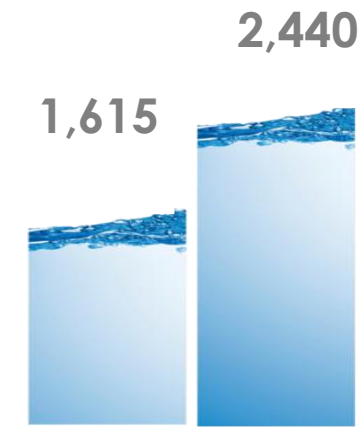
Feed
(mil metric tonnes)



Land
(mil hectares)

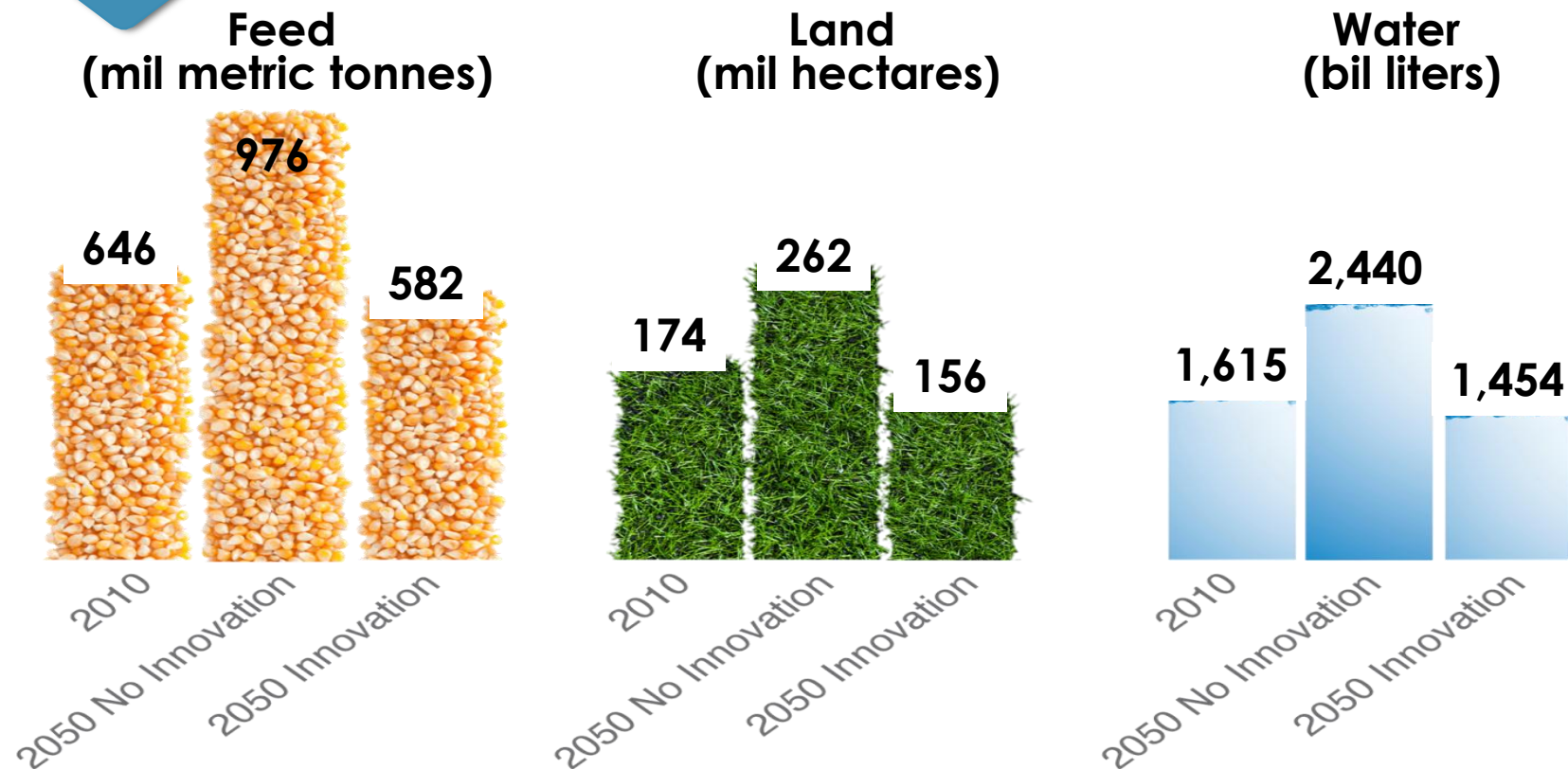


Water
(bil liters)



Without innovation, we would need to raise 2.09 billion pigs for food. And require significantly more feed, land and water!

Or use innovation to improve efficiency?



With innovation, we can produce 50% more pork with just 1.7 billion pigs, and fewer resources than we're using today!



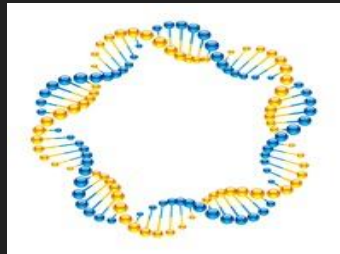
How we've met the demand



Better Housing



Improved Animal Health Practices



Genetic Selection



Improved Sustainability
Less Manure, Phosphorous
and Nitrogen

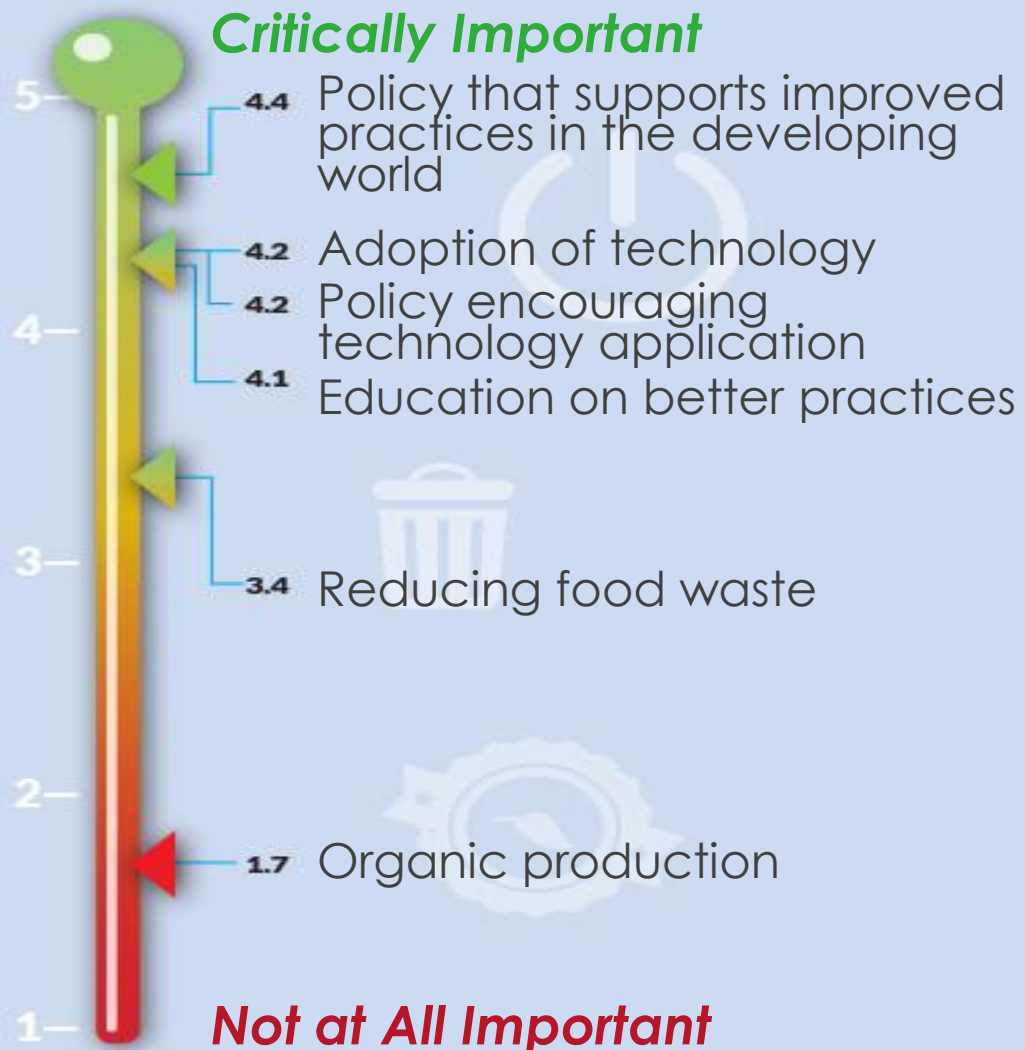


Nutritional Advances
Better Use of Feed
and Less Waste

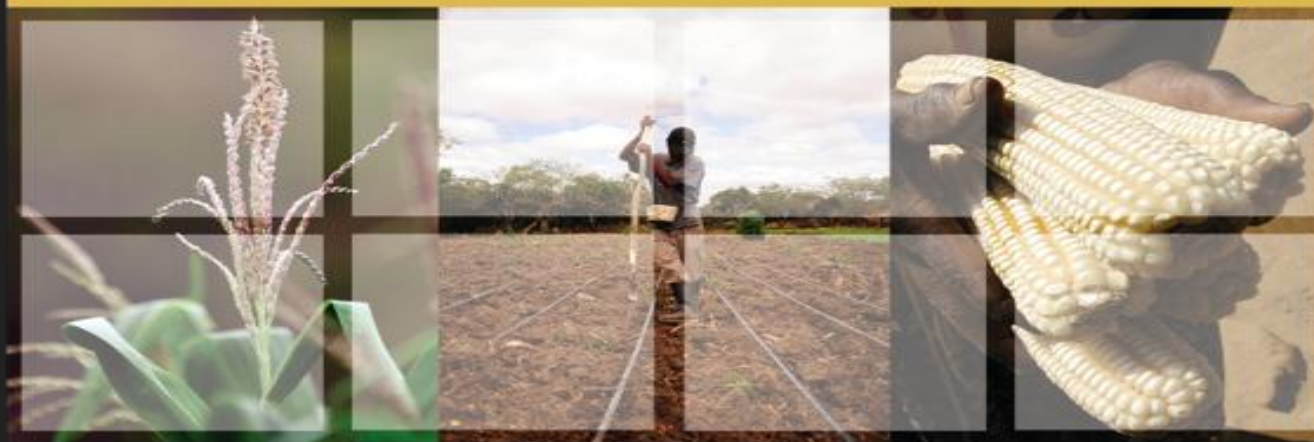
Contributing factors for improved pig health, growth & size



Experts' Solutions



GLOBAL HUNGER SOLUTIONS 2013



Innovation in food production is needed



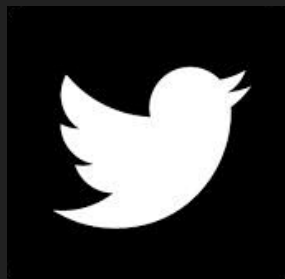
- Acceptance of innovations to increase food production to the extent that is needed
- Investments are needed – shifting the sector from being an innovation laggard into a leading part of the emerging European food industry

“More efficient food production in a sustainable way is absolute possible if technology is allowed”

Join the Conversation



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#Feedthe9
#EUEnough



<https://youtu.be/6Ndi3TNvxjk>
https://youtu.be/SvfgF_QfCoY