

REDUCING ANTIMICROBIAL USE IN PIG

PRODUCTION WITHOUT JEOPARDIZING

PRODUCTION!

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Antimicrobial resistance  
can affect **anyone**, at any **age**,  
in any **country**

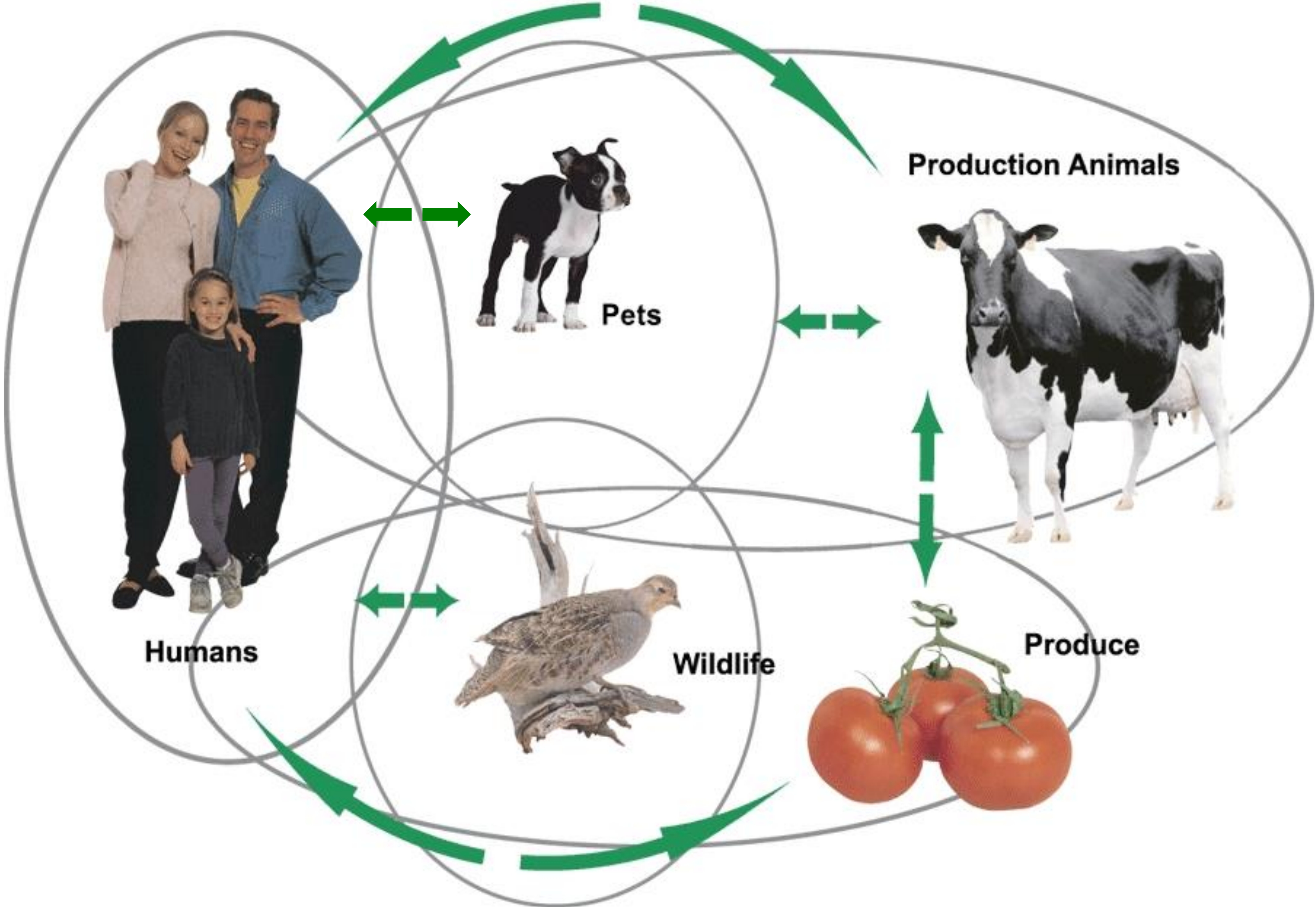


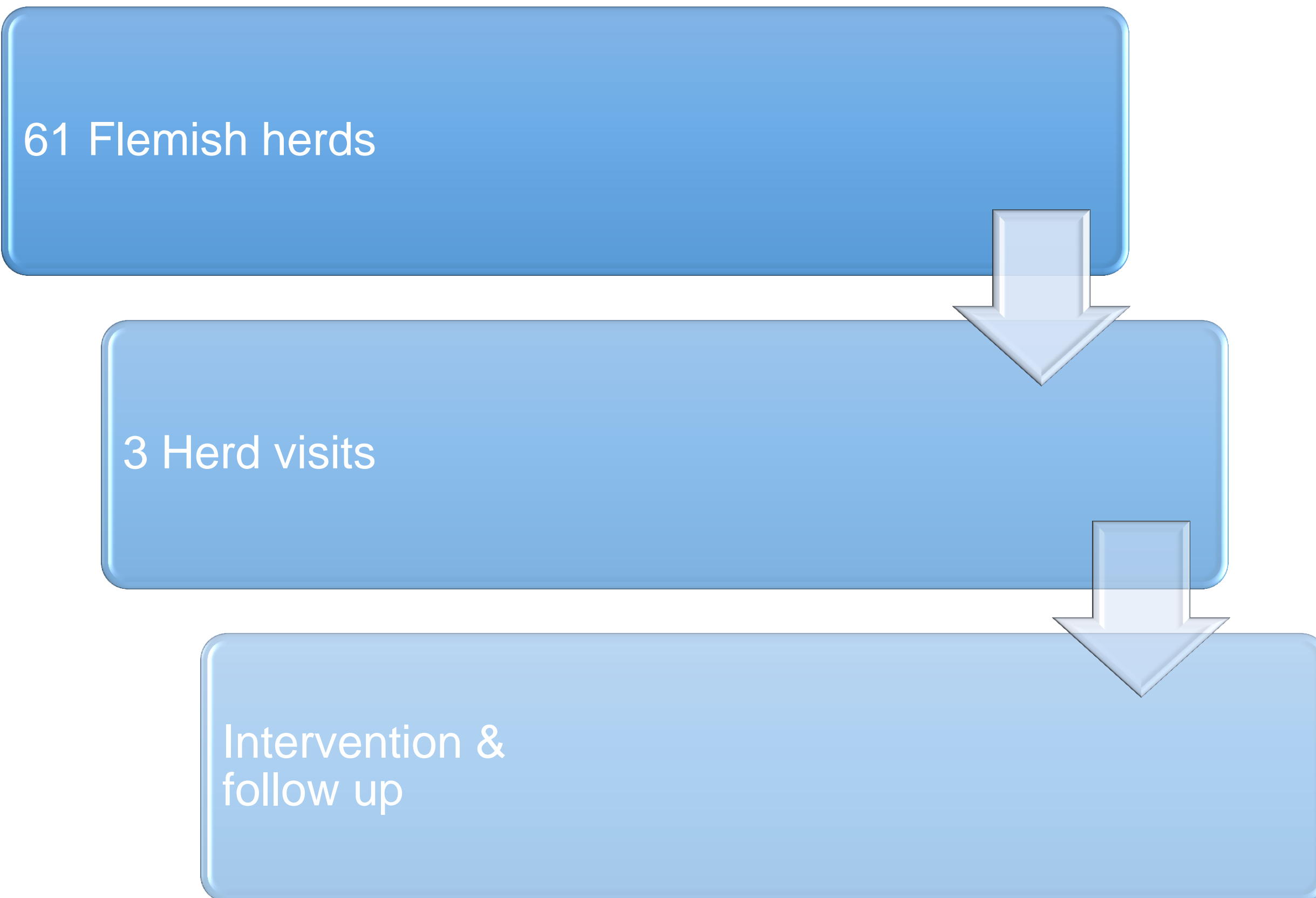
————— **#AntimicrobialResistance** —————



World Health  
Organization

# One health





## BIOCHECK.UGent, prevention is better than cure!

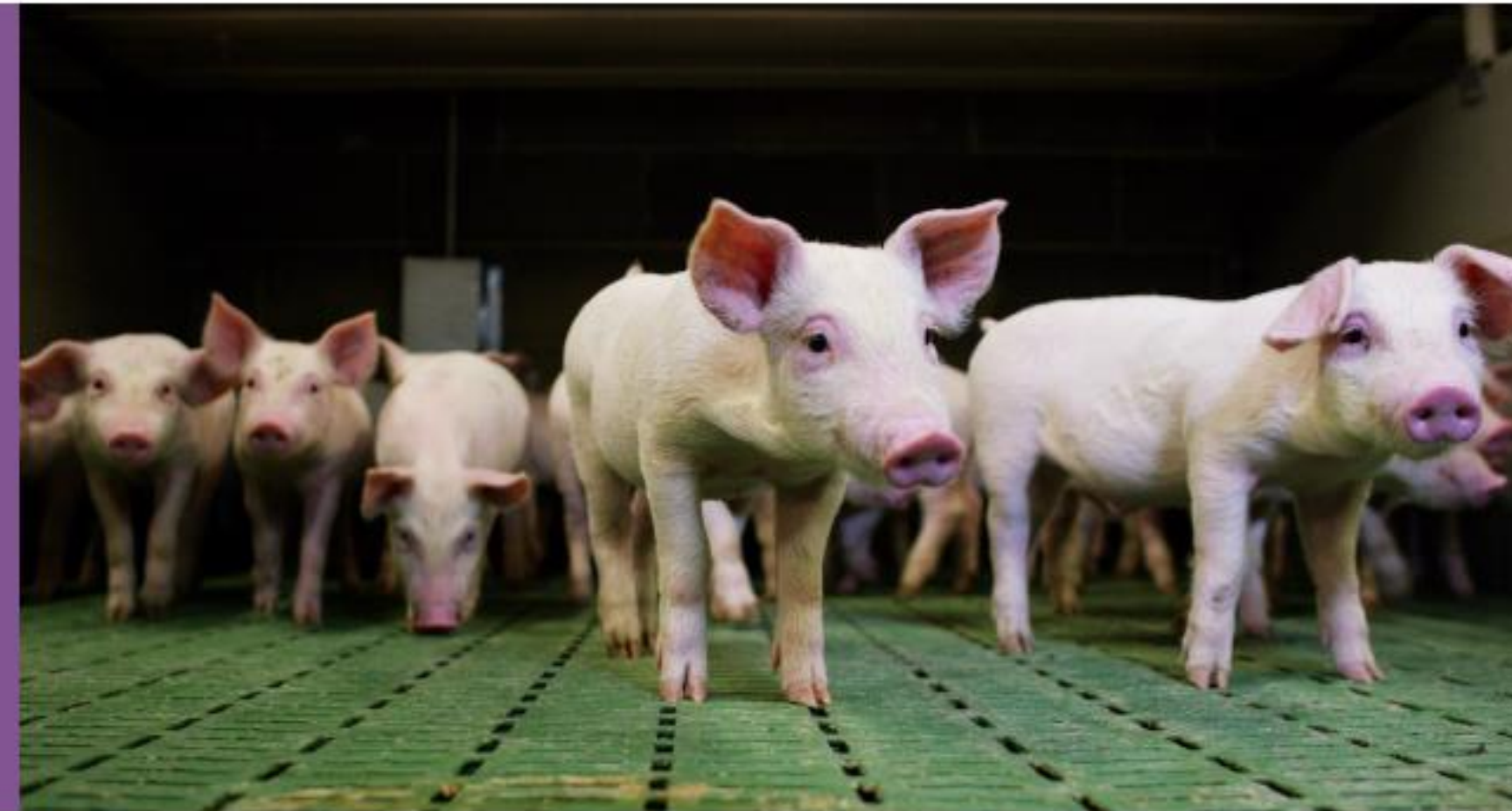
Welkom!

Biocheck.UGent is a risk-based scoring system to evaluate the quality of your on-farm biosecurity in an scientific and independent way.

Fill in the online **questionnaire** for free and receive valuable feedback about the biosecurity level of your farm. You get a summarizing and personal report with detailed results. These findings can help you to choose your own suitable biosecurity pathway.

Don't hesitate and get started to lift your farm to a higher biosecurity level!

Start the Biocheck.UGent!



The Biocheck.UGent was filled in 5780 times around the world to evaluate the on-farm biosecurity level!



# 4638



# 1142

### In the spotlight



25-08-2017

Carcass management = a crucial part of the biosecurity on your farm!

### Agenda



Poultry Gut Symposium  
Bangkok, Thailand



Training Biocheck.UGent  
Finland

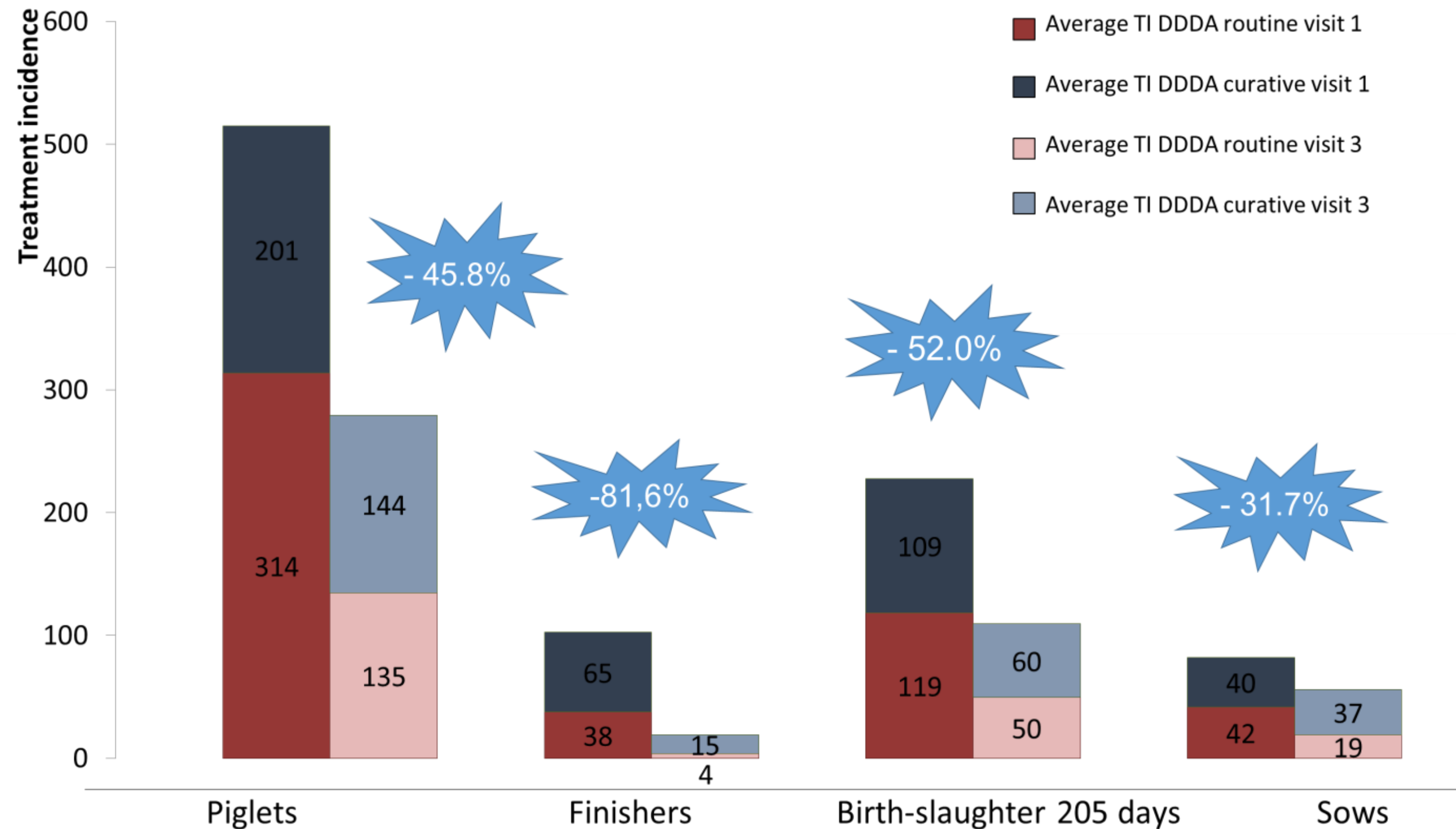
Nr	Description	Score	Country average
<i>External biosecurity</i>			
A	<u>Purchase of animals and semen</u>	56 %	89 %
B	<u>Transport of animals, removal of manure and dead animals</u>	57 %	70 %
C	<u>Feed, water and equipment supply</u>	87 %	39 %
D	<u>Personnel and visitors</u>	76 %	64 %
E	<u>Vermin and bird control</u>	60 %	63 %
F	<u>Environment and region</u>	30 %	52 %
	<b>Subtotal External biosecurity:</b>	<b>62 %</b>	<b>66 %</b>
<i>Internal biosecurity</i>			
A	<u>Disease management</u>	60 %	58 %
B	<u>Farrowing and suckling period</u>	79 %	60 %
C	<u>Nursery unit</u>	88 %	65 %
D	<u>Fattening unit</u>	43 %	72 %
E	<u>Measures between compartments and the use of equipment</u>	68 %	44 %
F	<u>Cleaning and disinfection</u>	95 %	48 %
	<b>Subtotal Internal biosecurity:</b>	<b>73 %</b>	<b>55 %</b>
		<b>Total:</b>	<b>68 %</b>
			<b>61 %</b>

N/A = Not applicable



# IMPROVE BIOSECURITY AND REDUCE AB USE - PIG

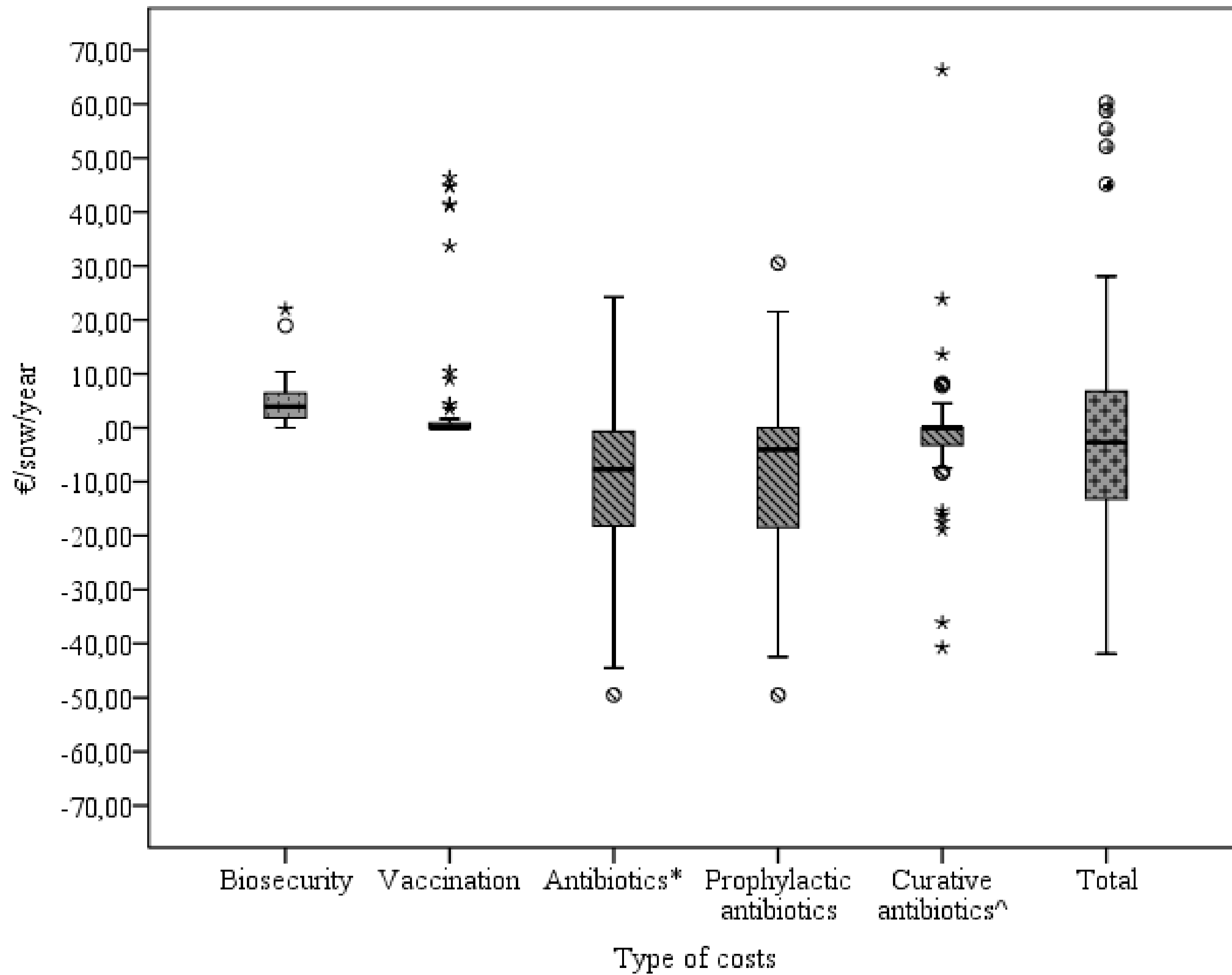
Study on 61 pig farms to improve biosecurity and reduced AMU  
3 farm visits: initial status + follow-up (12 months)





# IMPROVE BIOSECURITY AND REDUCE AB USE - PIG

	VISIT	MEAN	DIFFERENCE	P-VALUE
Number of weaned piglets per sow per year	Initial	26,4	+1,1	<0,01
	Follow-up	27,5		
Daily weight gain (g/day) finishers	Initial	667,5	+7,7	0,01
	Follow-up	675,2		
Mortality in finisher period (%)	Initial	3,2	-0,6	0,04
	Follow-up	2,6		



**Net benefit**

**€ 42,99 per sow/year**

**€ 2,67 per finisher/year**



**“An ounce of prevention,  
is worth a pound of cure”**

*- Benjamin Franklin -*