

REAP conference

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Who is ZLTO?

16.000 members: farmers and growers in the South of the Netherlands

ZLTO entrepreneurial triangle



Mission: creating perspective for its members

Vision: Farmers and growers play a key role in society and contribute to solving social issues of today and tomorrow.

Southern Agriculture and Horticulture Organization



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One Agriculture/ One Health from a farmers organization perspective

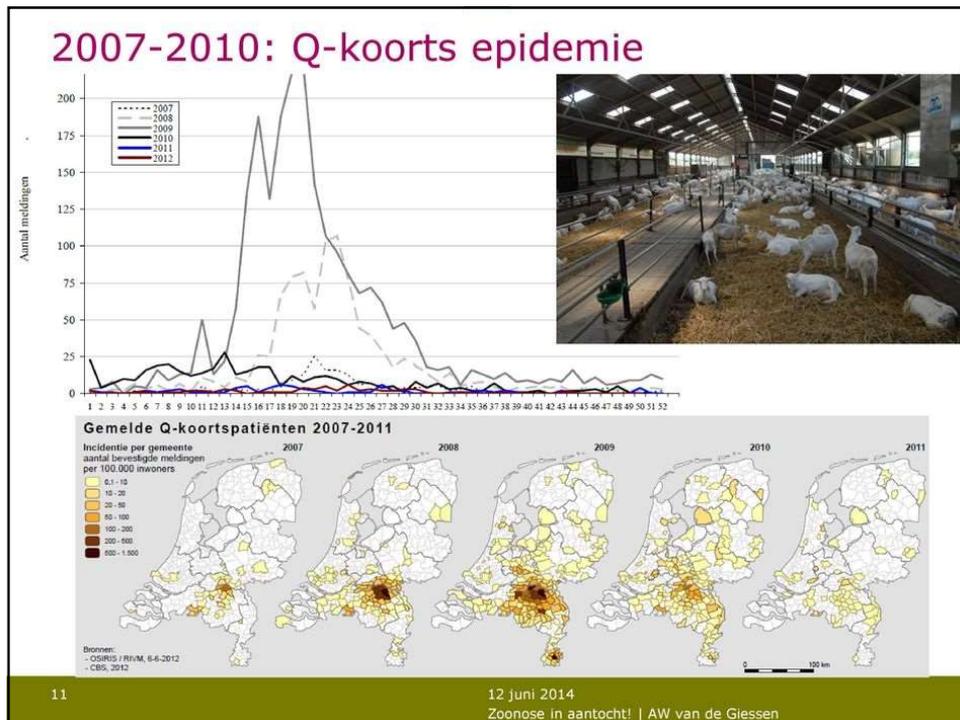
- Outline:
 - One Health in a farmers organization
 - What made us choose for a One Health approach?
 - A few examples and how we approached them from a one health perspective
 - What do you need to make that step?

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Wake up call in the Netherlands

- 2003: Aviaire influenza
 - 30 miljoen animals slaughtered
 - 1300 farms
 - 1 person, veterinarian, died of pneumonia,
- 2007: Q fever epidemic
 - 95 human deaths (chronic and acute)
 - 50.000 goats were culled

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Continuous negative media attention



Actualiteit

"Handtekeningenactie huisartsen en specialisten tegen komst mega varkens- en kippenbedrijf"

12 febr. 2008: "Megastal bedreiging voor volksgezondheid"

"Burgers in Langenboom laten zien dat leefomgeving lijdt onder druk van veehouderij"



"Elsendorp: invloed stank op gezondheid onderzocht"

12 februari 2008: "Groen licht voor meer megastallen"

"RIVM meet lucht bij boeren in De Rips"

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What did we have to do?

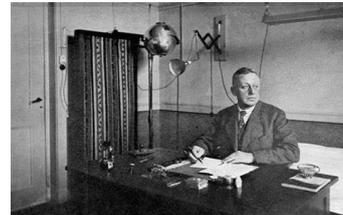
- Stopping the Q fever outbreak
- Evaluate what went wrong
- How can we gain the society's confidence again?
- Action point:
 - Societal dialogue
 - Bringing human medicine and animal medicine back together again

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What used to connect these people?



Veterinarian



General practitioner

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Sunday mass



Actually the drinks
after the church
mass 😊



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Nowadays



Veteriarian



General practitioner

Two seperate worlds



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What did we have to do?

Bring those people back together again!

(Focus on the veterinarian, general practitioner and farmer)

But how?

Samedi



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SaMeDi



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What are the benefits for us as a farmers organization?

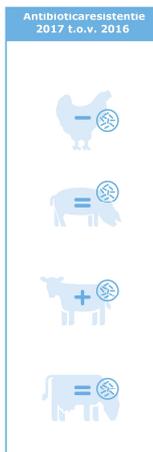
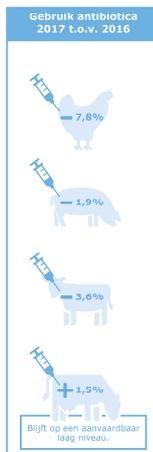
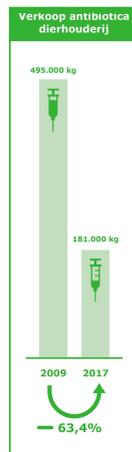
- Getting to know each other and their profession
- Exchange knowledge
- Visiting farms
- Share idea's
- Finding each other quicker when a zoonotic outbreak occurs



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AB use in the NL and AB resistance

Antibioticaresistentie Nederlandse dierhouderij



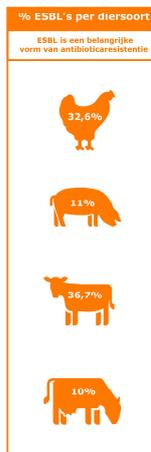
Conclusies MARAN 2018
Meer info: www.wur.nl/maran

Vleeskuikens
Duidelijke afname in antibioticaresistentie en in ESBL's.

Varkens
Antibioticaresistentie stabiliseert en ook ESBL's zijn stabiel.

Vleeskalveren
Lichte toename in antibioticaresistentie en ESBL's. De oorzaak hiervan is onduidelijk en moet verder onderzocht worden.

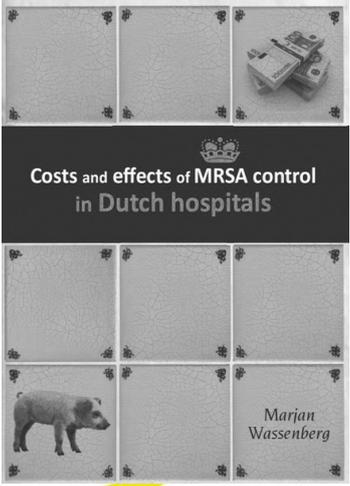
Melkkoesien
Antibioticaresistentie blijft laag en ESBL's zijn stabiel.



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One Health Approach Cattle related MRSA

- Formed a network of Hospital Hygienist
 - Responsible for hygiene policy
- Arranged excursions to different farms, to learn about each others work
- Our result, good connections with the people responsible for the hygiene policy.
 - For example a pigfarmer calls us about hospitalization and how he is treated we can easily align with the hospital hygienist



Costs and effects of MRSA control
in Dutch hospitals

Marjan Wassenberg



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Further reduce antibiotics on farms by One Health approach

Coaching farmers on behaviour; intrinsic and extrinsic motivation





European networks



disarm



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European network Horizon 2020

DISARM

- Assist in transition to more prudent use of AB in livestock industry
 - Establishing a Community of Practice of:
 - farmers, vets, suppliers, processors, policy makers and researchers
 - To catalyse the exchange, co-creation and dissemination of research ready for practice, innovations and strategies for healthier animals and more prudent use of AB



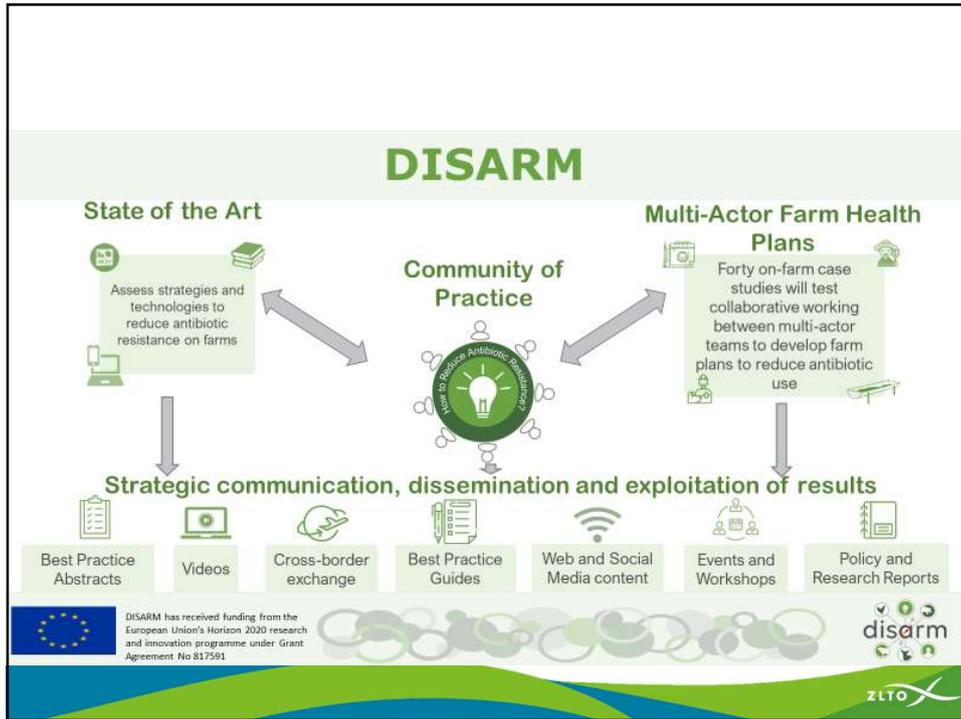
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DISARM

- Minimizing the need for AB by focussing on:
 - Keeping animals healthy
 - Disease prevention & biosecurity
 - Alternative treatment options
 - Targeted use of AB



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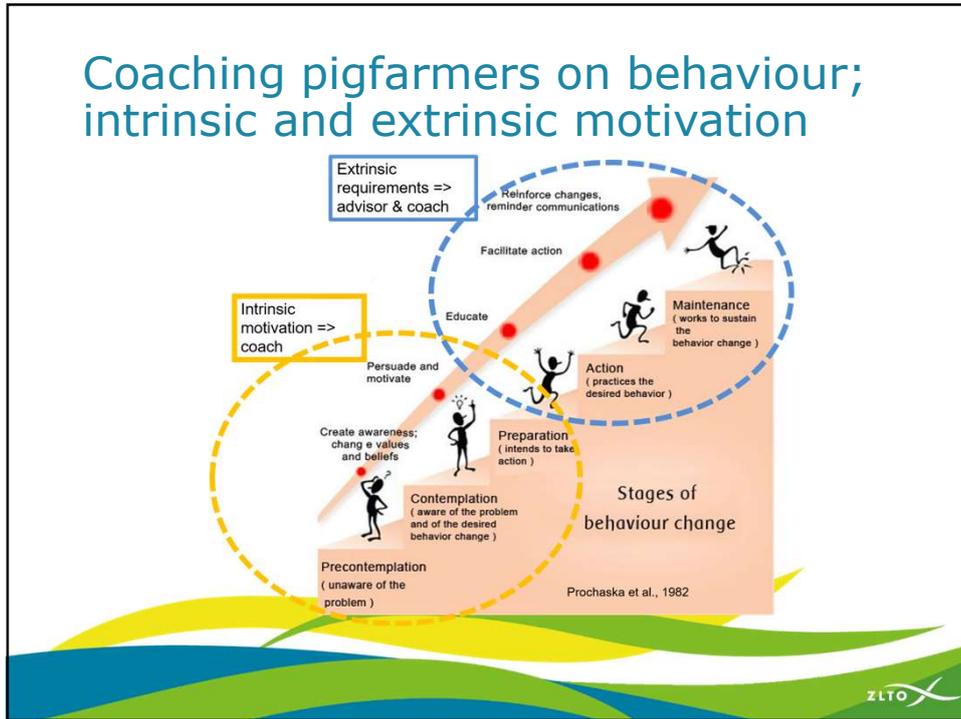


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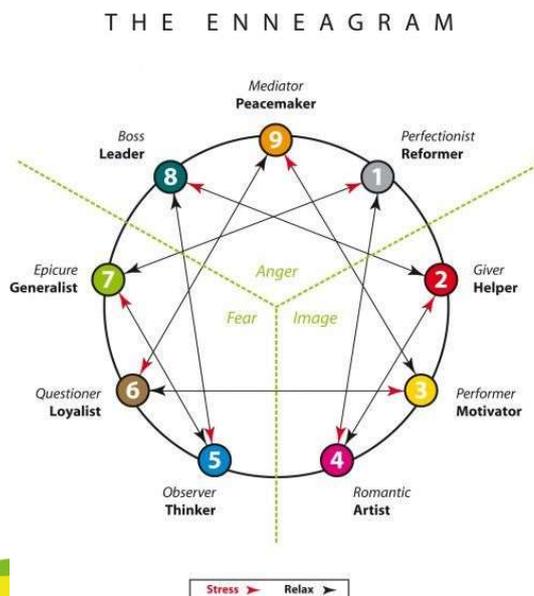
Coaching pigfarmers on behaviour; intrinsic and extrinsic motivation



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First step

- Personality test of the triangle: farmer, veterinarian and feedadvisor (and potential other advisors or family members)



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Coaching in the 'triangle'

- Structural consultation in the triangle is not self evident in the sector
- Experts are already sitting at the table
- Strengthen the management team
- The coach is there to reflect, evaluate progress and strengthen collaboration
- The coach tries to create an open minded setting.

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First results

- The first results on AB reduction in this approach are promising.



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What have we learned as a farmers organization?

- Times have changed
- Country side is not only for farmers
- Creating solutions in cooperation with other partners/sectors from different countries
- Transparency of your sector
- Be proud of your sector!

#trotsopdeboer
#proudfourfarmers



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What have I learned from the One Health approach?

Time
Effort
Commitment
Dialogue
Out of the box
Network



Eventually step by step to achieve successes



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Thank you

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More info on our projects:

www.zlto.nl/samedi

www.zlto.nl/optimaliseren-diergezondheid-varkenshouderij

www.disarmproject.eu/

