



**Teaming up for
animal health, in the
interest of animals,
their owners and
society at large**

Animal Health Surveillance in the Netherlands

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Voluntary
4 species
Since 2002
Many partners



Funding agencies

- Government: Ministry of Economic Affairs
 - Agricultural Boards
- } 50/50
- Minor contributions by farmers





Agricultural policy making:

Authorities, “The Hague”

- EU regulations, TB, Brucellosis, Leucosis, FMD, BSE, etc.
- Public health

Commodity board(s)

- Move from compulsory to voluntary

Industry

- Retail
- Processing Industry
- Farmers & Farmer union('s)

Consumers & consumer organisations.



Dutch veterinary infrastructure

First line:

- Farmer: 24 hours / 7 days
- Private practitioners

Second line :

- GD-animal health service

Third line:

- CVI (ref.), universities etc.

Agricultural boards

Authorities:

Ministries
&
FSA
(NVWA)



Stakeholders interests

Government

Proving freedom of disease
Compulsory reports

Industry

Market position
Continuity in production process

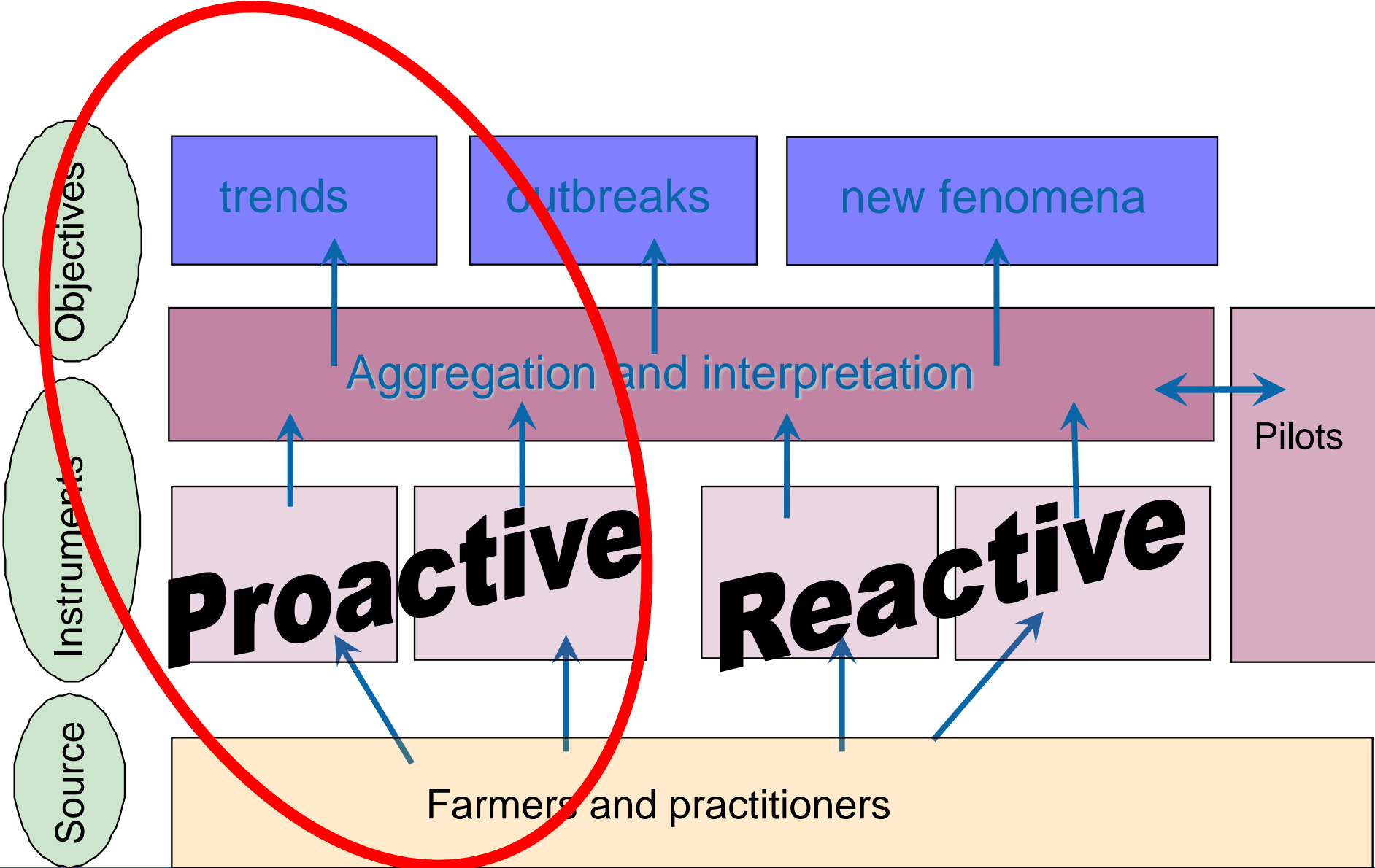
Public health
Product safety

Prevent/reduce calamities
Optimal protection and control

Objectives

- **Early detection of outbreaks**
- **Early detection of new diseases**
- **Trends in animal health and diseases**

Dutch animal health surveillance schematically



Pro-active: prevalence studies



Ask farmers and practitioners to participate

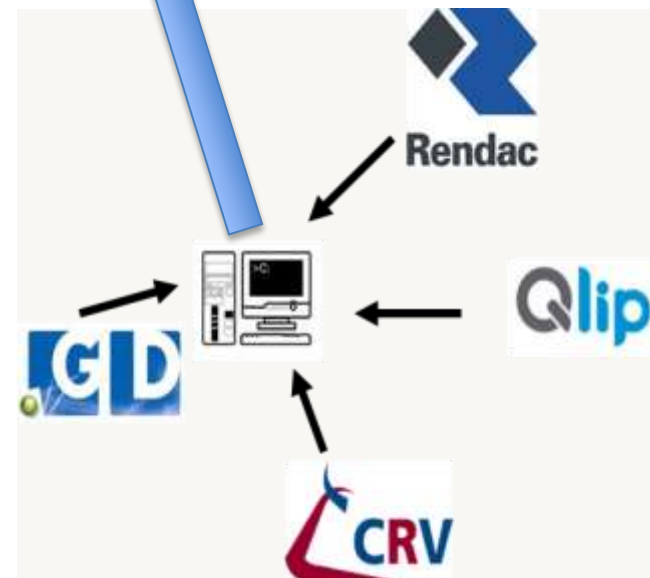
Pro-active; health indicators

Information provided by:

- Rendering plant
- Milk control
- Breeding organization
- GD

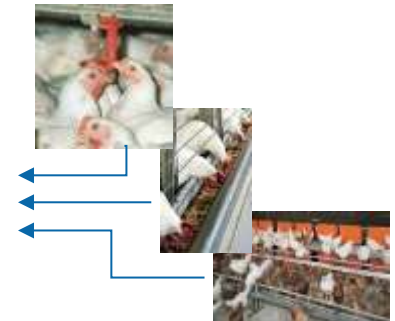
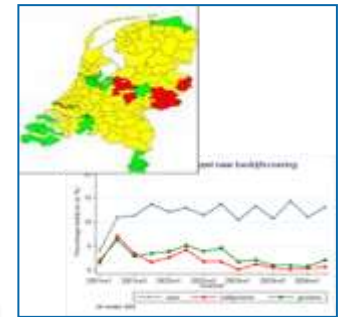
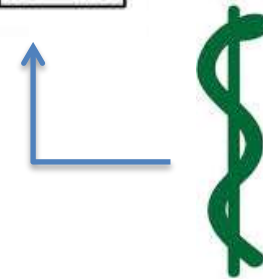
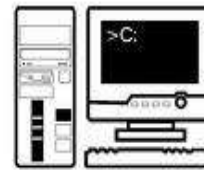
All use same farm number
~98% of farms

Anonymized, then combined & analysed
→ Sustainability, production, udder health,
metabolic diseases etc.

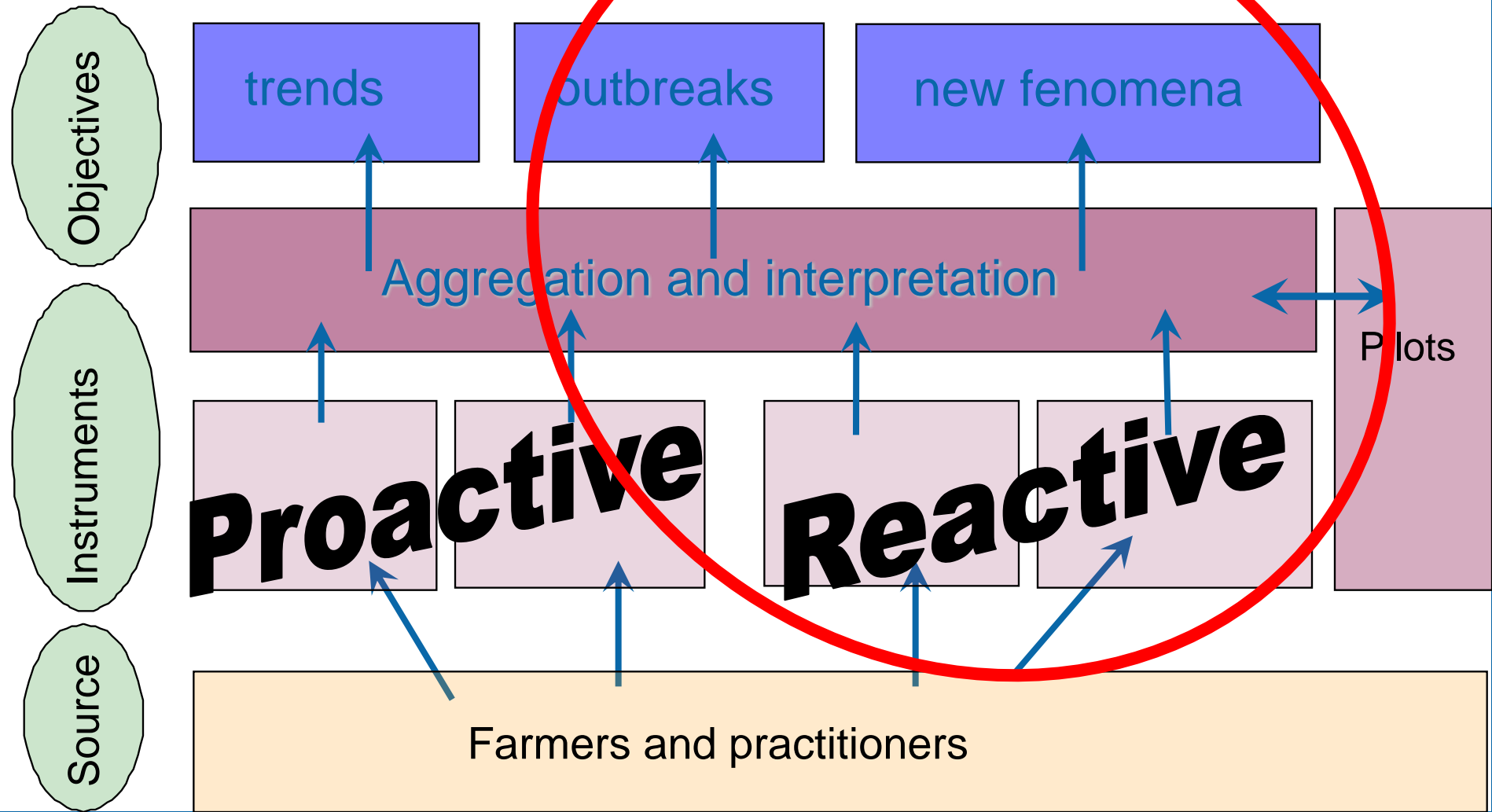


Pro-active; health indicators

Network of practitioners and GD
Standardised information per farm visit
Production, organ system, use of AB
Feed back to network



Dutch animal health surveillance schematically



Reactive surveillance

First action by farmer & practitioner

Rewarding & attractive:

free specialist advise

diagnosis on individual problems

feedback on national situation



Helpdesk 9000 calls/year



Pathology 9000 PM's/year

GD-Veekijker

- Telephone consultancy for practitioners and farmers
- 9000 consults / year



- Watch for odd cases
- Meeting with various experts:
every week / fortnight
- Farm visits and pilot studies if necessary



Pathology & diagnostic laboratory

- Large post mortem facility
9000 PM's / year
- Veterinary laboratory
4,3 million submission / year
- Close collaboration with Veekijker
- Diagnosis for farmer
- Early detection national level





Some findings:

AI

Bluetongue

Schmallenberg

Q-fever

BVD2

Mycobacterium avium

Salmonella gallinarum

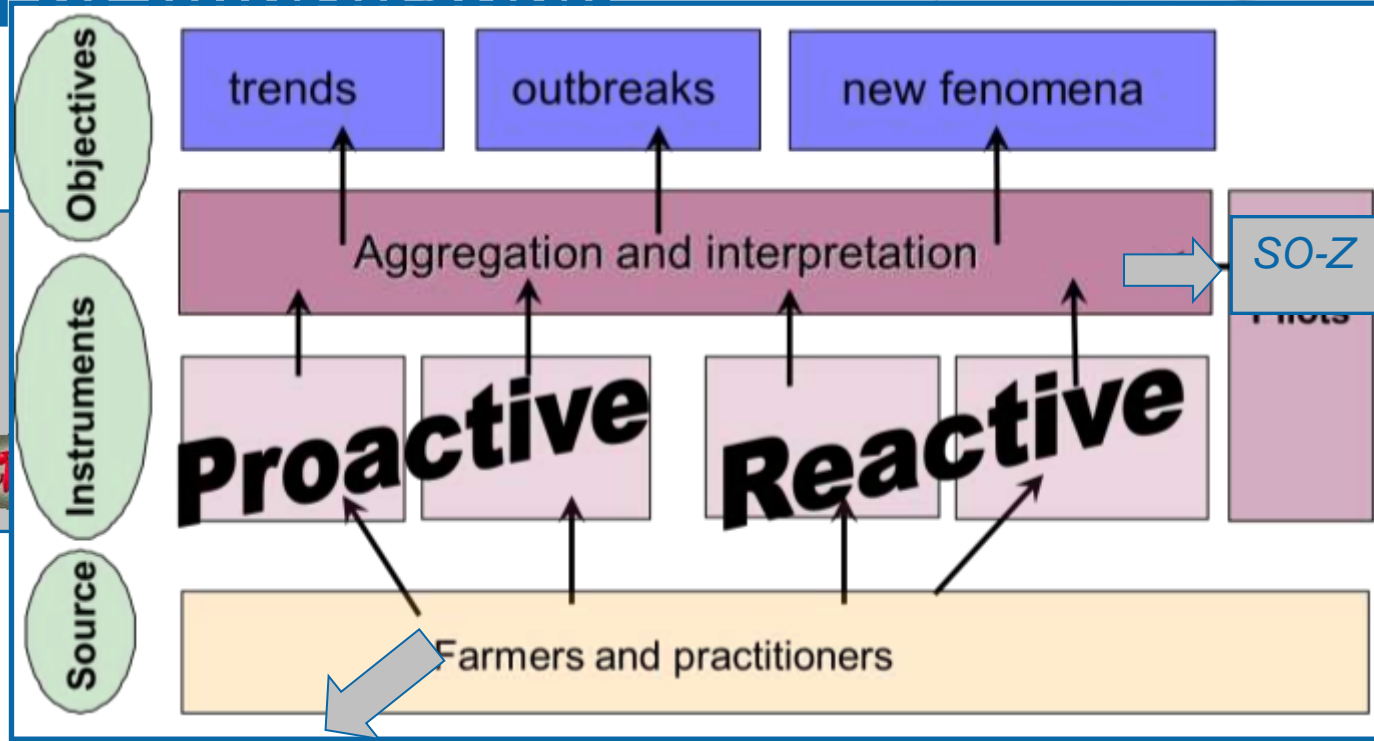
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& genetic disorders, exotic parasitairy infections etc. etc.

But most of the time: “All is well”

Distribution of information

*e-mail or telephone to authorities / steering committee
immediate action*



*report to steering committee
4x a year
policy adjustments*

*feedback to farmers and practitioners
management & therapy*



Stakeholders in steering committee



Ministry of Agriculture,
Ministry of Economic Affairs



Dutch Dairy Board
Agricultural Boards



Dutch Board for
Livestock, Meat &
Eggs



Food Safety Authority (NVWA)
Food Safety Authority

Farmer's organisations & Agricultural industry
Farmers organisations & Industry



Coöperating for one health

ONEHEALTH

Partners
Experts
Members

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OneHealth portal

Zaakwee kunnen een gezondheidsrisico vormen voor mensen en dieren. Signalering van een zoonose is dan ook belangrijk om tijdig maatregelen te kunnen nemen in zowel het humane als het vee/mare domein. Uitbraken van aviëre influenza en de Q-koorts hebben laten zien dat de gevolgen groot kunnen zijn voor de vee- en diergezondheid.

De OneHealth portal is bedoeld voor professionals uit het humane en het vee/mare domein. Het is een digitaal platform om human-veterinaire informatie-uitwisseling en samenwerking te faciliteren. Doelgroepen zijn dierenartsen, artsen, medewerkers van humane en vee/mare kennisinstellingen en ander professionals die werkzaam zijn op het gebied van zoonosen of de risico's hierop.

In de OneHealth portal zijn bestaande signaleringsservices ondergebracht, zoals veld@et, inf@et en EZPs (web-based Emerging Zoonosen Informatie en Proctering systeem). In de agenda vindt u actuele informatie over OneHealth activiteiten in Nederland en buitenland. Naast informatievoorziening zal het in de toekomst ook mogelijk zijn om informatie uit te wisselen of om de portal te gebruiken voor gezamenlijke projecten. Deze beveiligde membersite kan voor verschillende instellingen door professionals worden gebruikt.

De OneHealth portal is nog in ontwikkeling. Zodra de membersite openbaar is kunnen professionals zich hiervoor dan aanmelden.

Wat is de OneHealth portal?

Universiteit Utrecht

GGD
Nederland

knmvd

Nederlandse Voedsel- en Warenautoriteit
Ministerie van Economische Zaken

National Institute for Public Health and the Environment
Ministry of Health, Welfare and Sport

WAGENINGEN UR
For quality of life

International coöperation

International Veterinary Surveillance Network



Partners active in scanning surveillance

Aims:

- Exchange of surveillance expertise
- Exchange of surveillance information
- Enhanced critical mass

Teaming up for one health



Thank you for your attention