

FOOT AND MOUTH DISEASE

THE NETHERLANDS

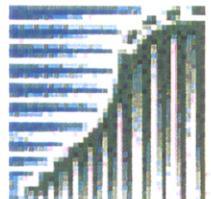
HAND-OUTS (2)

Ministry of Agriculture,
Nature Management
and Fisheries

Department of
Veterinary and Food
Policy and General
Environment Affairs

National Inspection
Service for Livestock
and Meat

General Inspection
Service





landbouw, natuurbeheer
en visserij



FOOT AND MOUTH DISEASE THE NETHERLANDS VACCINATION

= process steps =





process steps in vaccination 1



What: outbreak confirmed

Who: CVO



process steps in vaccination 2



**What: decision 1 or 2 kilometre radius
suppressive vaccination**

Who: DCC (crisis-staff)



process steps in vaccination 3

What: protection zone (4 km) and surveillance zone (12 km) established around vaccination zone

Who: Decision 2001/246/EC, point 6.1



process steps in vaccination 4



What: making maps 4 km and 12 km zones + description of these zones

Who: NCC



process steps in vaccination 5



What: making Ministerial decision for
transport restriction FMD
susceptible animals within 12 km
zone

Who: JZ



process steps in vaccination 6



What: ordering GIS-batch of farms
within 4 km and 12 km zones

Who: NCC to GD



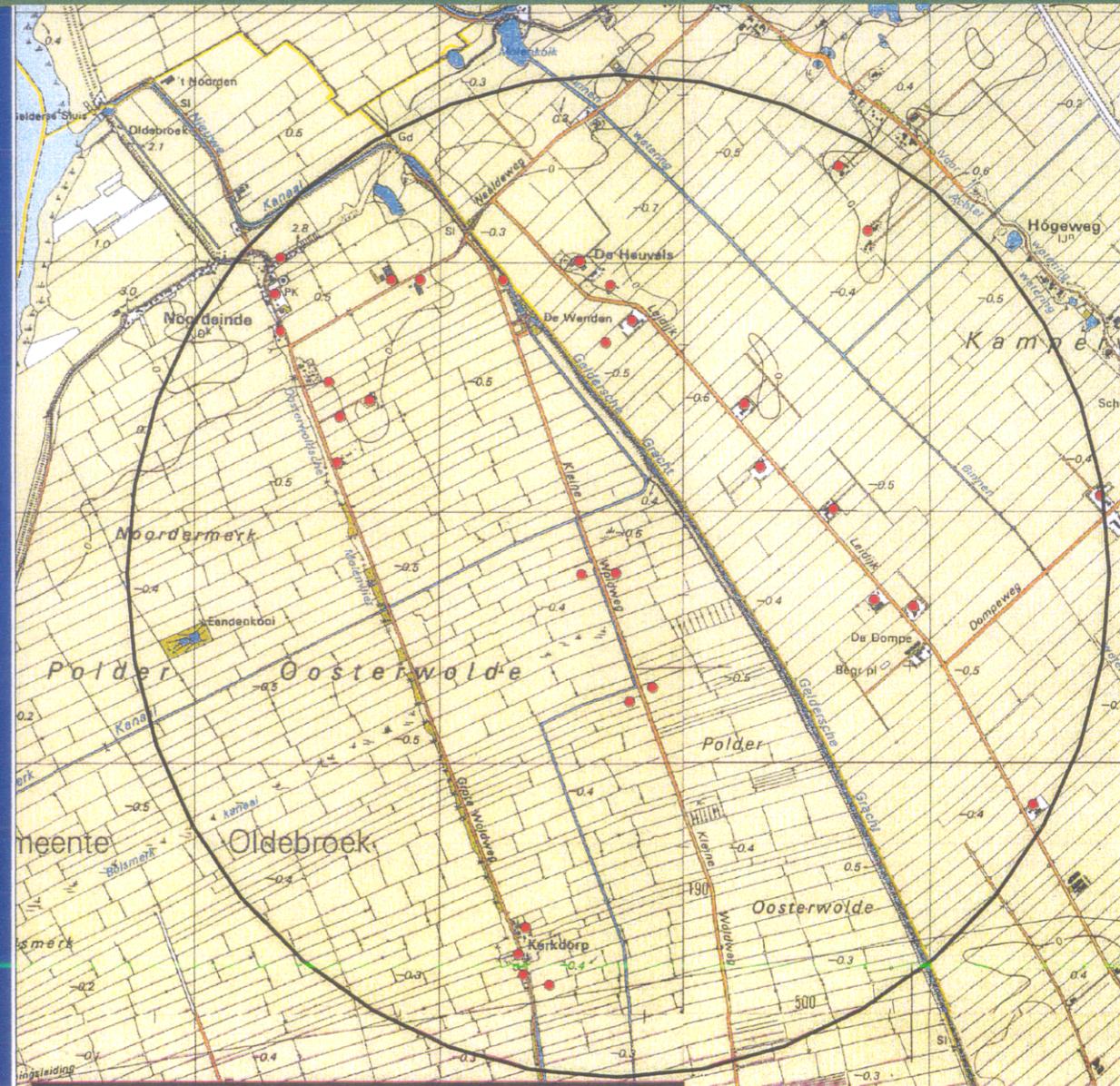
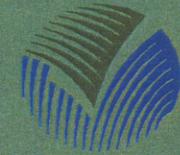
process steps in vaccination 7



What: ordering map 2 km vaccination zone with GIS-batch of farms lying within this zone

Who: NCC to GD

map 2 km vaccination zone

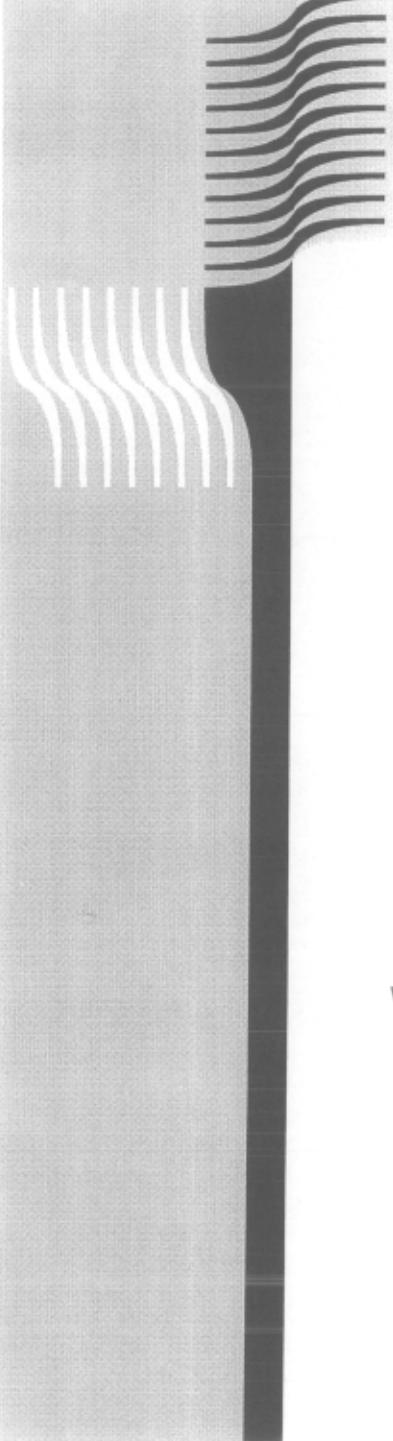


~~AMM
DPM
Vlaardingen~~

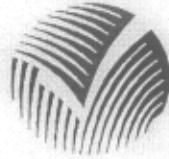
list of farms within this zone



UBN	Afstand (m)	Naam	Bedrijfsadres	PC_Woonplaats
1080720	0	G. v.d. Vegte	Kleine Woldweg 36	8097RH Oosterwolde Gld
318747	139	J. van de Werfhorst	Kleine Woldweg 23	8097RG Oosterwolde Gld
1088337	478	D. Kroon	Kleine Woldweg 34	8097RH Oosterwolde Gld
304153	514	C.E. Spronk	Kleine Woldweg 19	8097RG Oosterwolde Gld
228284	724	B. v.t. Oever	Leidijk 12	8278AT Kamperveen
228129	854	MTS Koers K. en Stellingwerf J.	Leidijk 13	8278AT Kamperveen
2463542	921	E. van t Oever	Leidijk 11	8278AT Kamperveen
228277	921	MTS Oever-Bosma H. & J. van't	Leidijk 11	8278AT Kamperveen
2055637	925	J. Schuurs	Leidijk 8	8278AT Kamperveen
727998	1014	MTS Fien A.&J.	Leidijk 16	8278AT Kamperveen
1889543	1055	G. Polinder	Leidijk 10	8278AT Kamperveen
227728	1154	Koers-Koers H. & J.R.	De Heuvels 6	8278AV Kamperveen
2437066	1154	Koers-Koers H. & J.R.	De Heuvels 6	8278AV Kamperveen
228686	1214	J. v.d. Blij	Leidijk 9	8278AT Kamperveen
303680	1226	J.W. Schoonhoven	Groote Woldweg 108	8079TG Noordeinde Gld
227876	1226	J. van Bruggen	Groote Woldweg 110	8079TG Noordeinde Gld
228260	1259	MTS Oever F. van 't en Fien W.	De Heuvels 2	8278AV Kamperveen
2197409	1263	B.J. van der Weerd	Kleine Woldweg 40	8079TK Noordeinde Gld
2115546	1294	C. Reurink	Groote Woldweg 106	8079TG Noordeinde Gld
2331959	1406	J. v.d. Wetering	Groote Woldweg 120	8079TG Noordeinde Gld
304737	1426	MTS Spronk H. en Smit H.	Naaldeweg 5	8079TJ Noordeinde Gld
1080706	1452	J. van Wijhe	Groote Woldweg 102	8097RV Oosterwolde Gld
228301	1495	A. van 't Oever	Naaldeweg 6	8079TJ Noordeinde Gld
1121029	1562	W. Bos	Groote Woldweg 87	8097RR Oosterwolde Gld
1080665	1638	A. Bos	Groote Woldweg 79	8097RR Oosterwolde Gld
1000906	1655	Dijk gebr Van	Groote Woldweg 94	8097RV Oosterwolde Gld
712886	1685	MTS Streek H.& A.& J.W. van de	Groote Woldweg 93	8079TE Noordeinde Gld
824736	1712	G. van Wijhe	Hogeweg 25	8278BB Kamperveen
2121554	1790	Z. van de Wetering-Schreurs	Groote Woldweg 128	8079TG Noordeinde Gld
228507	1867	J. v.d. Weerd	Hogeweg 17	8278BA Kamperveen
1070709	1869	H. Kragt	Zomerdijk 84	8079TL Noordeinde Gld
2202260	1924	H. Koers	Leidijk 5	8278AT Kamperveen
827922	1924	H. Koers	Leidijk 5	8278AT Kamperveen
227735	1987	MTS Kloek R. en Leeffers H.	Dompeweg 1	8278AX Kamperveen

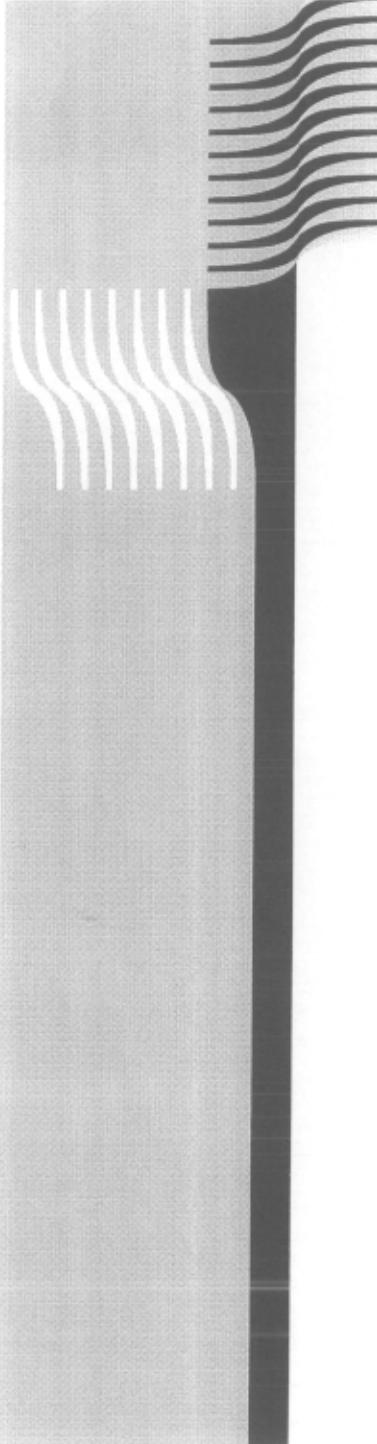


process steps in vaccination 8

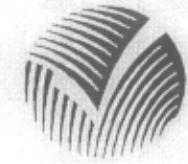


What: establishing vaccination zone
signing 2 km map with plotted farms
+ annex with UBN's

Who: Director RVV

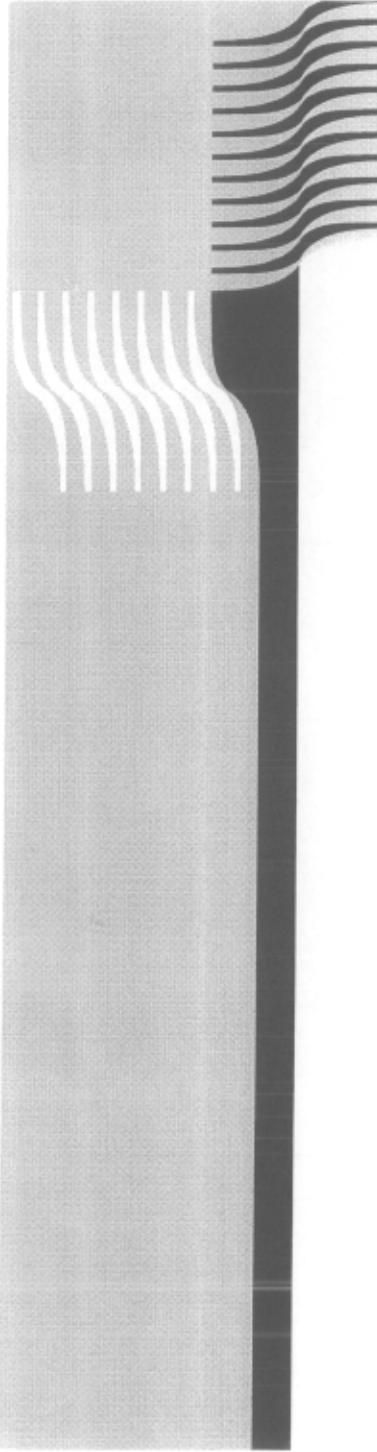


process steps in vaccination 9

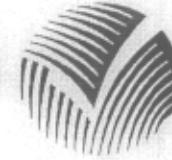


What: order to vaccinate

**Who: Director RVV to
RVV Crisis manager**



process steps in vaccination 10



**What: screening batch 2 km UBN's by
RCC for already culled farms
and farms under suspicion
and very small farms**

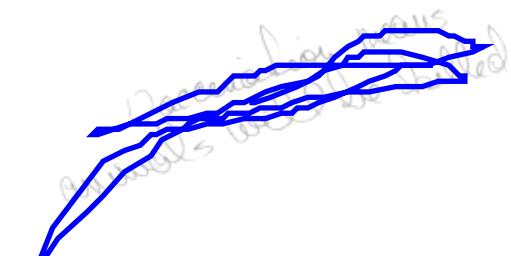
Who: RVV Crisis manager

process steps in vaccination 11

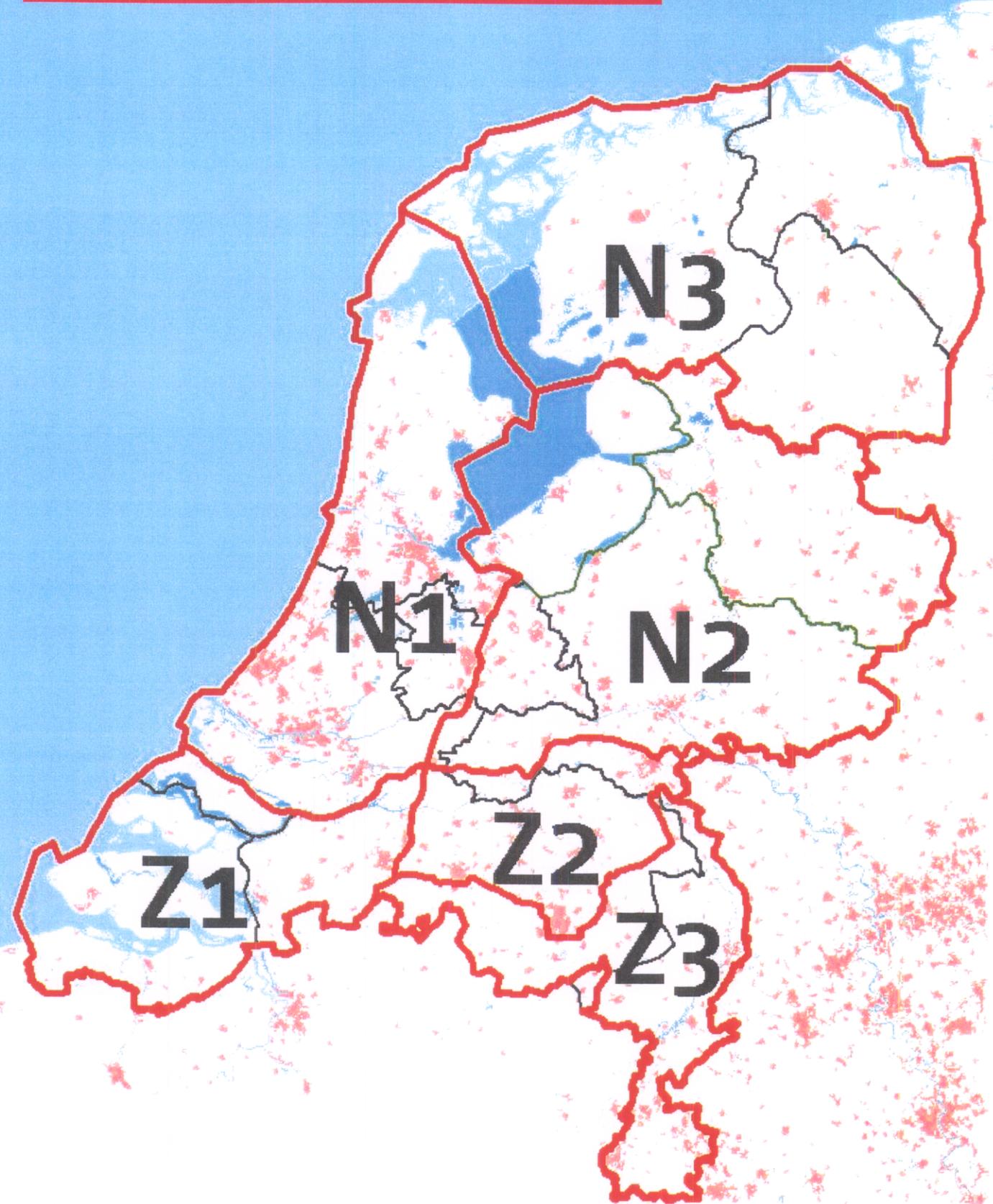


**What: order to vaccinate corrected
signed list of UBN's**

Who: RVV Crisis manager to GD



COMPARTMENTALIZATION



REGIONALIZATION



Decision 2001/223/EC
21 March 2001

- Annex 1
- Annex 2



Decision 2001/282/EC
6 April 2001

- Annex 1
- Annex 2



Decision 2001/306/EC
11 April 2001

Annex 1



Decision 2001/324/EC
23 April 2001

- Annex 1
- Annex 2



Decision 2001/364/EC

10 May 2001

 Annex 1

 Annex 2

 Free area with EC-restrictions



Decision 2001/389/EC

18 May 2001

Annex 1

Annex 2

Free area with EC-restrictions



Decision 2001/408/EC

29 May 2001

- Annex 1
- Annex 2
- Free area with EC-restrictions
- Free area without EC-restrictions



Decision 2001/426/EC

6 June 2001

Annex 1

Free area with EC-restrictions

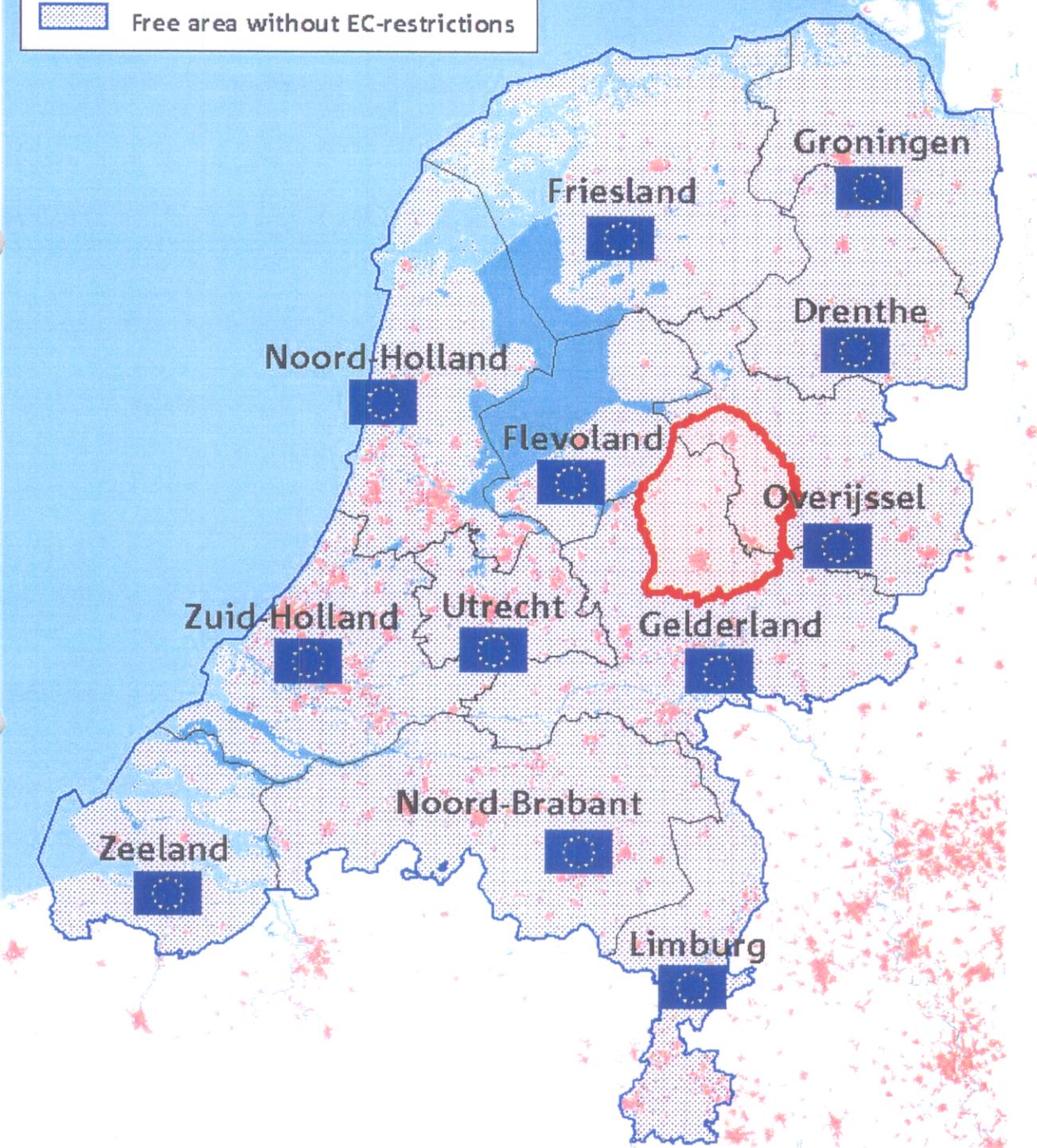
Free area without EC-restrictions



Decision 2001/456/EC
13 June 2001

Annex 1

Free area without EC-restrictions



26 June 2001

Free area without EC-restrictions



General Inspection Service

Algemene Inspectiedienst

Enforcing FMD-regulations 2001

Antoon Hermans
crisis coordinator.

Presentation:

1. AID organization
2. Enforcement FMD-regulations
3. Remarks

General Inspection Service

- Mission: General Inspection Service
 - Enforcement of LNV-regulations
 - Investigation of offences
 - Counseling for LNV-regulations

LNV = Ministry
of Agriculture

- Headquarter: Kerkrade
 - Managing director: Paul Kleemans
- Regional offices:
 - Utrecht Western provinces
 - Zwolle Northeastern provinces
 - Eindhoven Southern provinces
- Detective division

General Inspection Service

De Meern



August 14, 2001

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- Total: 750 civil servants
- Inspectors: 520

- Inspectors have legal powers to:
 - enter places, buildings and stables
 - investigate administration
 - confiscate subjects
 - arrest suspects
 - make official reports and protocols

*Very good
on account*

- Disciplines

- Animal farming, cattle, pigs, sheep
- Pesticides
- Manure (pollution by)
- Fishery
- EU-financial support regulations
 - farmers
 - processing industry

Foot and mouth disease 2001

- Enforcement:
 - transport-ban for animals
 - investigation during culling
- Transport-ban for animals
 - General Inspection Service
 - Police
 - Military Police
 - Customs

- Enforcement need experts
 - transportation of animals
 - regulations
 - actions against offenders
- Help desk (LOP)
 - Office in De Meern
 - Experts
 - Service 24 h
 - FAQ-database

Tasks Help desk (LOP)

- general information desk
- updates of regulations
- checklists and instructions
- risk analysis
- recommendations for enforcement
- instructions for making the official reports
- quality check official reports

Enforcement by:

1. AID

- investigation during culling
- transport-ban in
 - areas with infected farms
 - all parts of the country
- staff for regional operational centre (ROC)
- staff for Help desk (LOP)

LIVESTOCK
INSPECTION
DEPARTMENT



2. Police

- transport-ban for animals
- surveillance border vaccination area
(Noord Veluwe)
- public safety / maintain order

3. Customs and Military Police

- borders
- ports (Rotterdam)
- airports (Schiphol)

AID-Enforcement of transportation ban

- special cars
- equipment (with authorization) to stop vehicles
- hygienic equipment
- cellular telephones
- instructions
- laptops

General Inspection Service



August 14, 2001

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Crisis organization AID

- Manager: Superintendent West
- 3 - 7 team managers
- 2 - 3 AID-representatives at Min. of Agr.
- Manager public relations
- Manager General Affairs
- Crisis coordinator
- Daily meeting by telephone at 12h00

AID

- 124,000 hours
 - approx. 500 official reports (prosecution)
 - 3,000 reports financial compensation
-
- Police: indication 3 x Euro 2000
 - Customs: no indication
 - Milit. Police: no indication

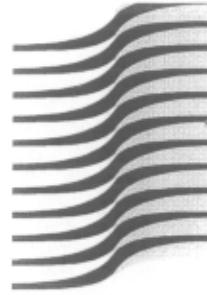
Remarks:

- Public attention,
 - Press
 - TV, radio, newspapers
- Public relations is important
- Information desk
 - farmers
 - public
- Huge volume for enforcement

- Limited number of experts
 - surveillance for transport
 - investigations during culling
 - back-up in regional operational centre (ROC)
 - back-up in Help desk (LOP)
 - continuation over a period

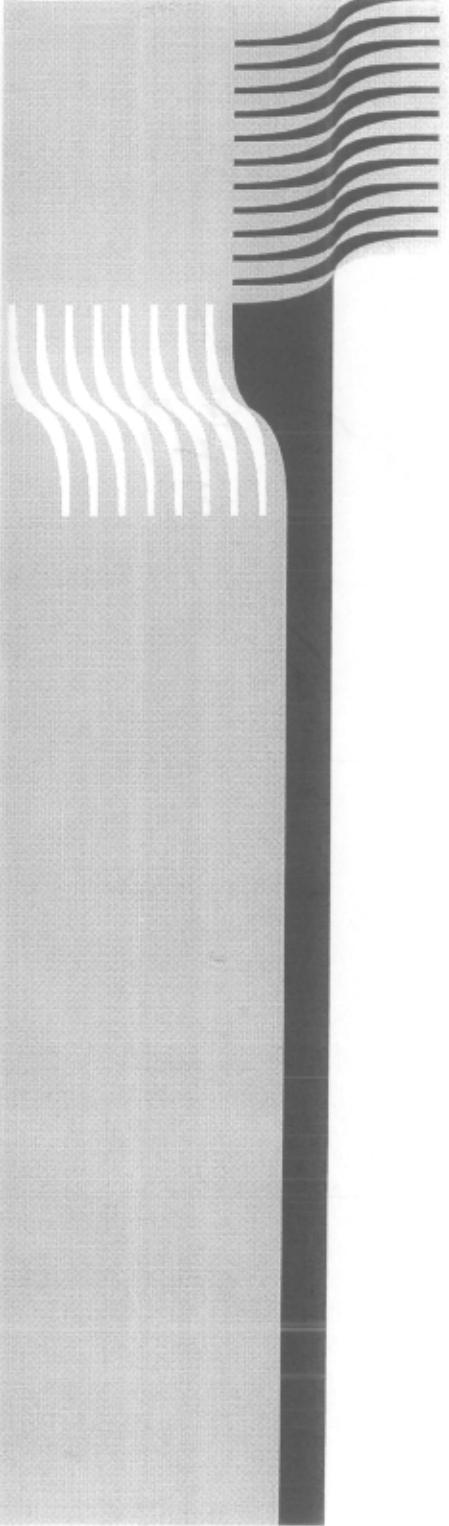


National Inspection
Service for Livestock
and Meat

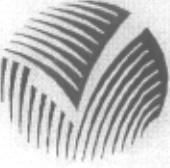


RISKASSESSMENT ANIMAL HEALTH

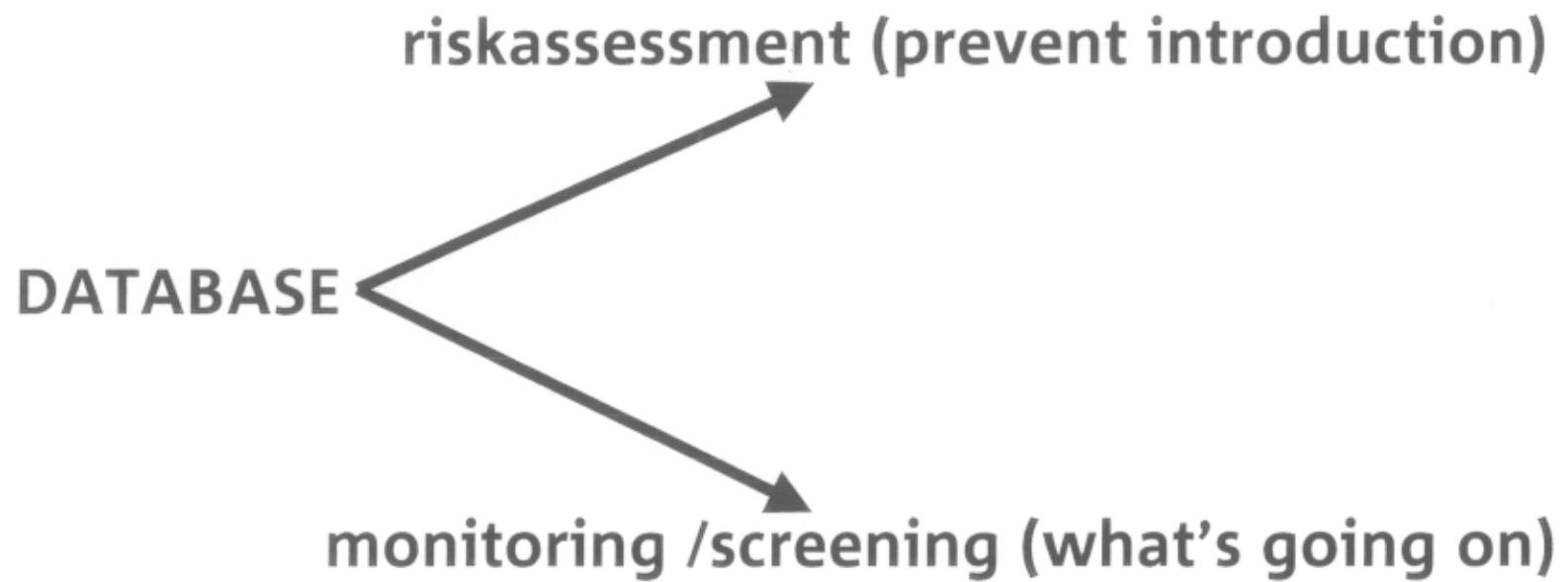
Dr. Peter van der Wal

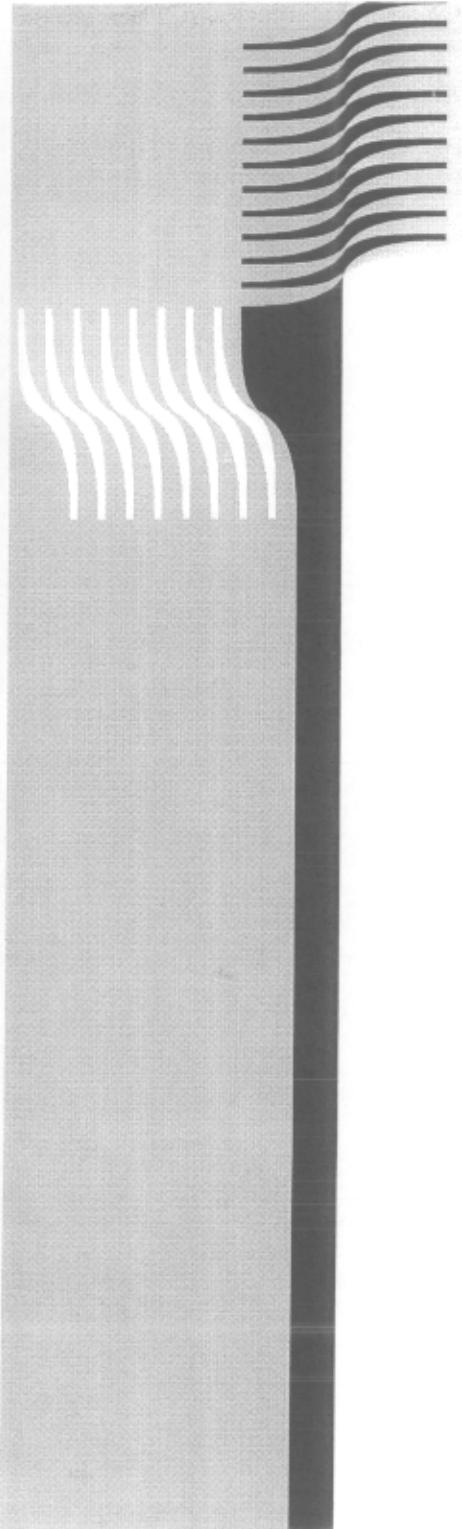


Riskassessment animal health

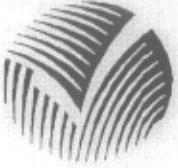


NO ERIDACATION WITHOUT PREVENTION

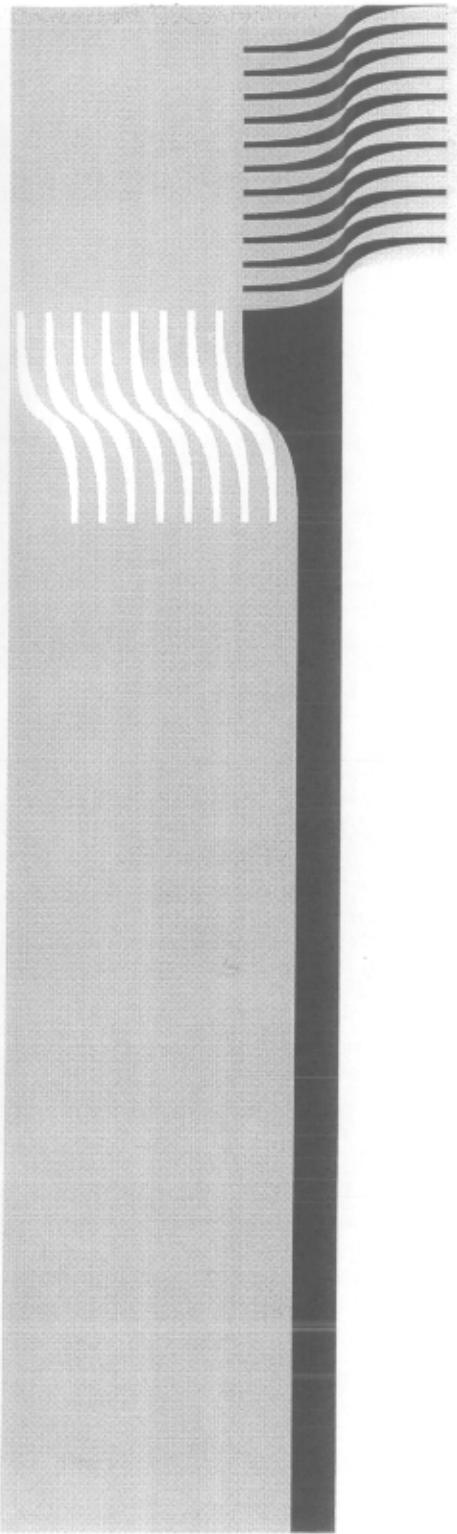




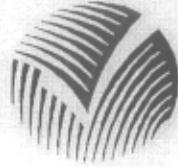
Riskassessment animal health



- SIGNAL RECEIVING
- DATA MAPPING/STORING
- RISK ANALYSIS
- TRADE VOLUMES
- MEASURES
- RESULTS

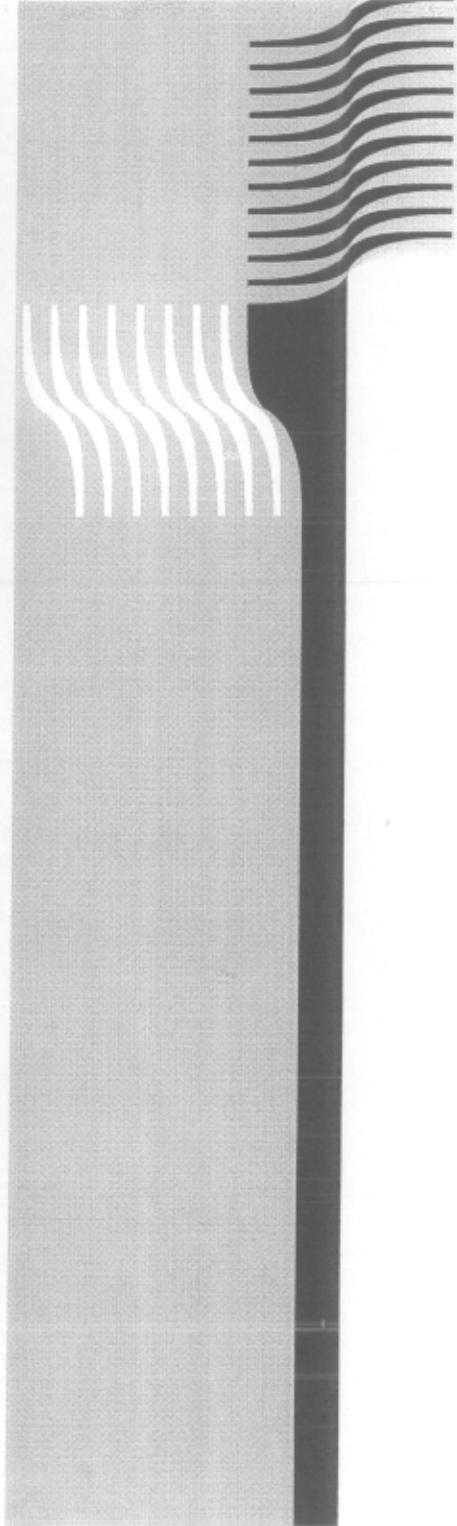


Riskassessment animal health



SIGNAL RECEIVING:

- EC
- OIE
- Pro-Med
- websites/colleagues
- agricultural attachés
- other

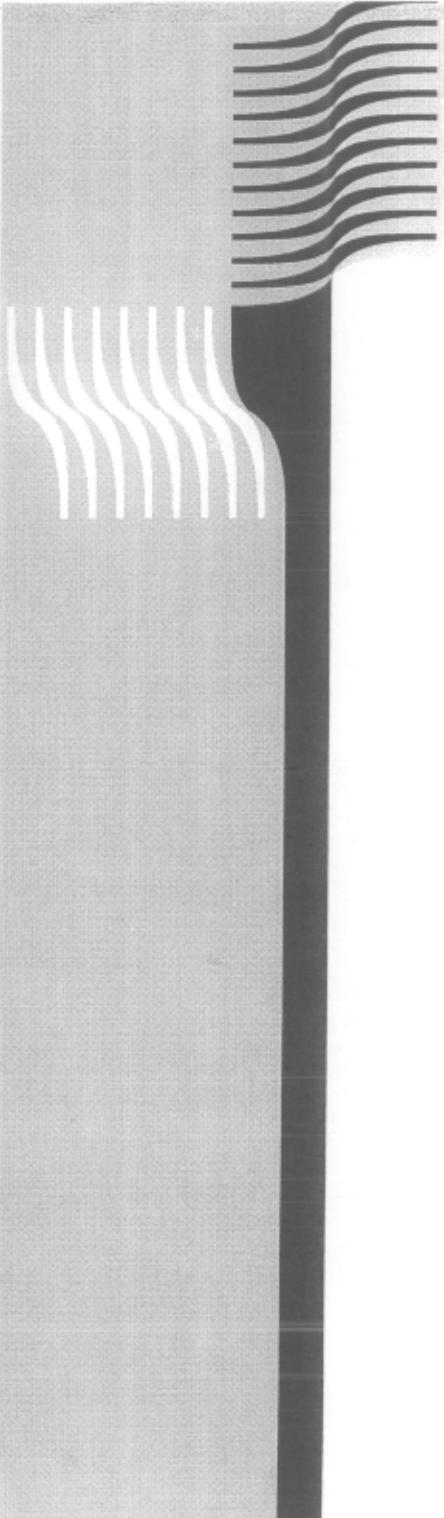


Riskassessment animal health

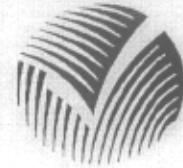


DATA MAPPING/STORING:

- MAPPING
- DATABASE

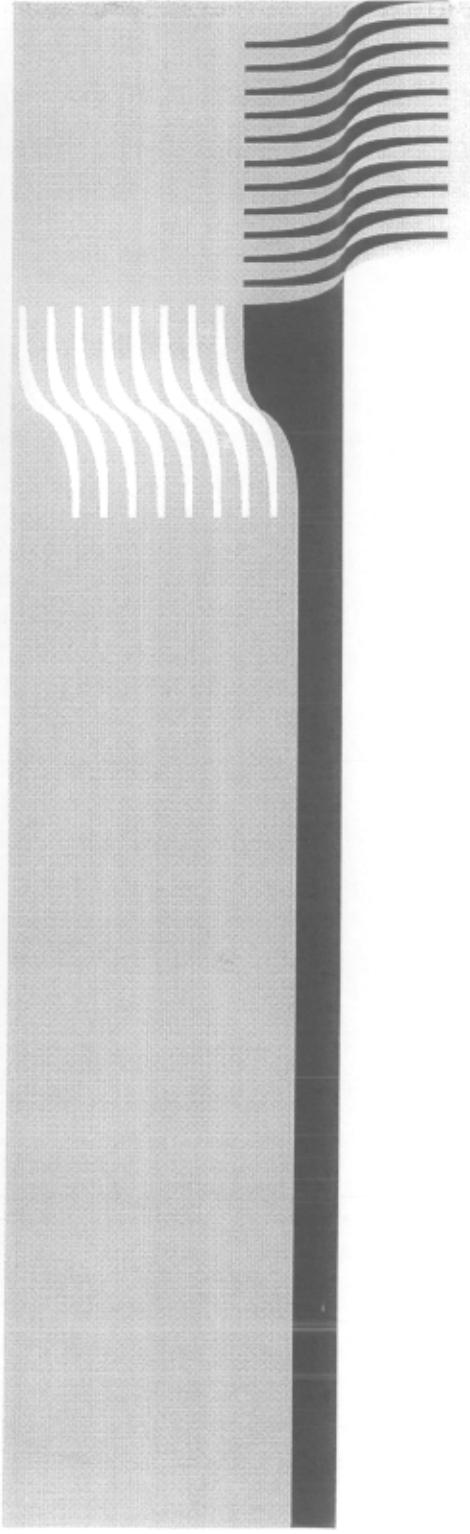


Riskassessment animal health



RISK ANALYSIS:

- disease orientated
- riskfactors (animals/products)
- riskweight
- done by epidemiologists of ID-Lelystad

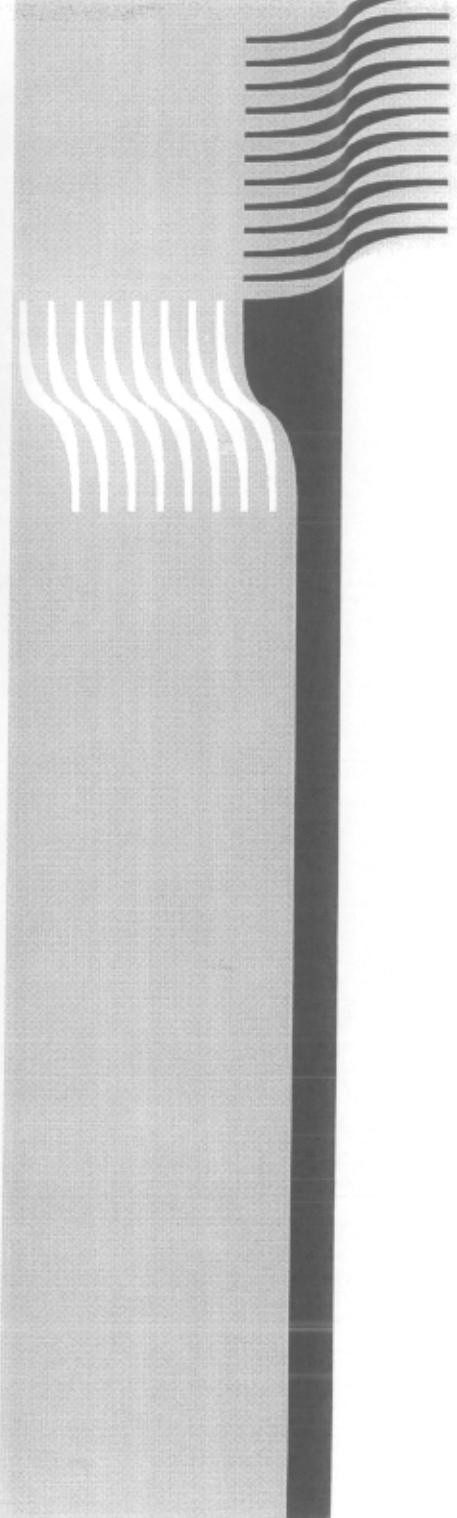


Riskassessment animal health



TRADE VOLUMES:

- Animo system
- Border passage documents (of BIPS)

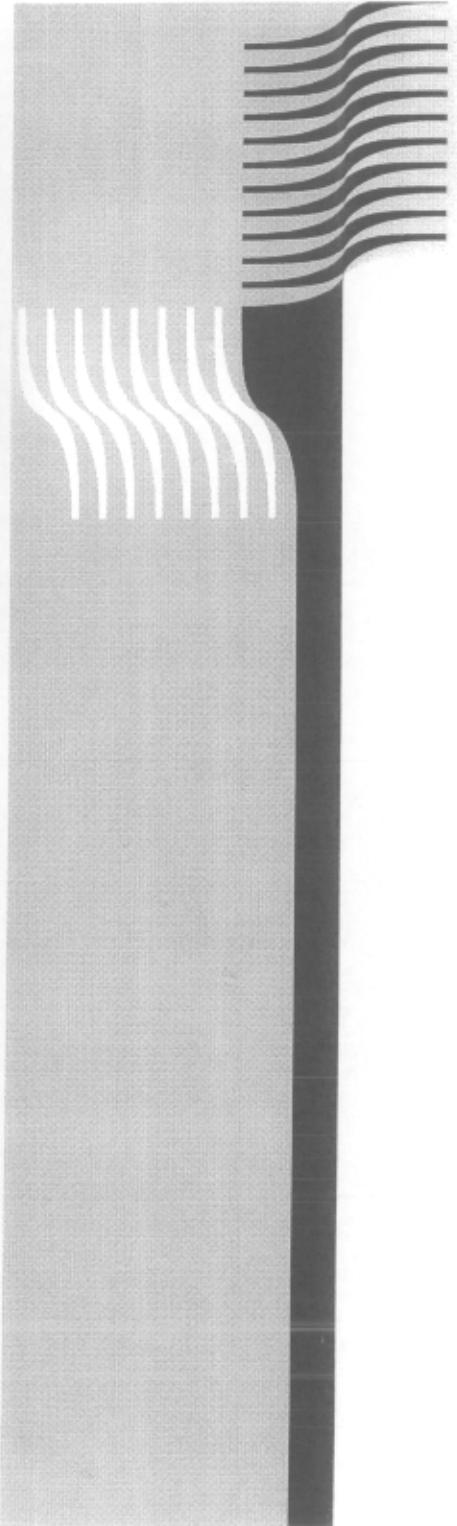


Riskassessment animal health

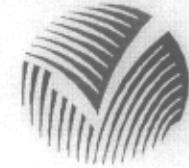


MEASURES:

- Proposal to policymakers
- Decision (regulation)
- Implementation



Riskassessment animal health



RESULTS:

- Effective?
- Adaptation analysis/riskfactors?
- Adaptation measures?

FMD 2001 in The Netherlands

A short story

FMD 2001 The Netherlands

- 20-2-2001 FMD in UK
- 23-2-2001 Culling imported animals UK
- 13-3-2001 FMD in France
- 16-3-2001 Culling imported animals
France
- 17-3-2001 Pre-emptive culling goats
suspected FMD

FMD 2001 The Netherlands

- 21-3-2001 FMD confirmation cattle Olst
IDAS-ELISA
- 22-3-2001 FMD confirmation goats
Oene virus isolation
- 26-3-2001 First suppressive vaccinations
are carried out
- 3-4-2001 After 12 confirmed infections
FMD suppressive vaccination
zone Noord Veluwe

FMD 2001 The Netherlands

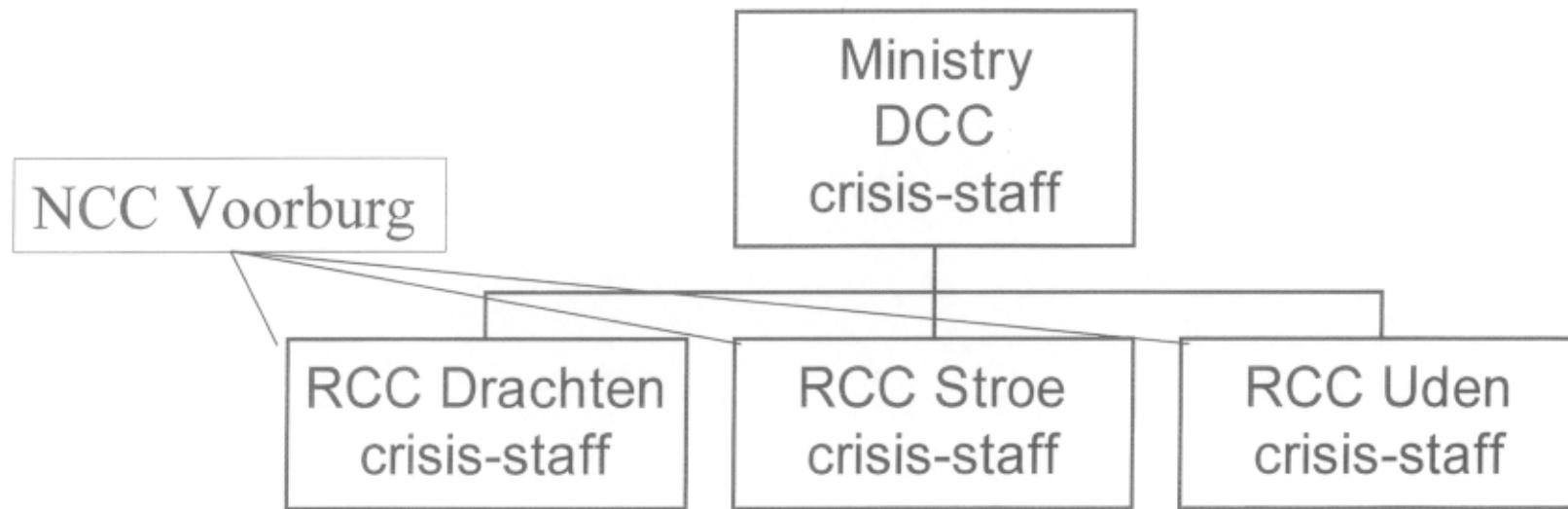
- 11-4-2001 FMD confirmation Ee Friesland
- 22-4-2001 Last FMD infection in The Netherlands (Wijhe)
- 25-5-2001 Last vaccinated animal culled
- 9-5-2001 Start of the final screening
- 25-6-2001 The Netherlands free of FMD

FMD 2001 The Netherlands

- A few figures:
 - 26 confirmed infections FMD
 - in total 7 restrictive areas
 - about 3,000 farms culled
 - about 265,000 animals culled
 - some 1,000 small backyard flocks
 - Daily operation about 200 vets, 400 assistants and 150 administrative personnel

FMD 2001 The Netherlands

Organisational Structure



FMD 2001 The Netherlands



FMD 2001 The Netherlands

