

附件四：荷蘭 NVMP 簡報

NVMP

LOGISTICS & RECYCLING PRACTICE IN THE NETHERLANDS

NVMP
Dutch Association Disposal Metaelectro Products

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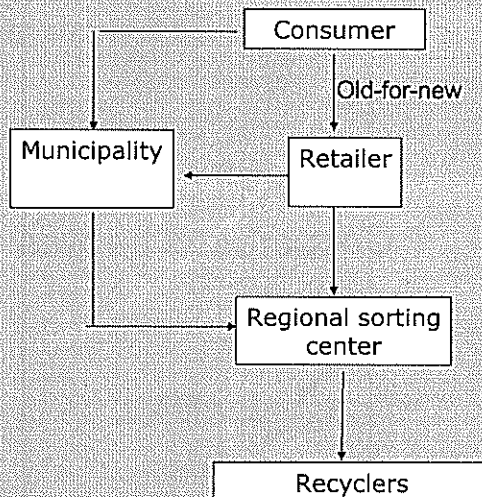
BASICS of NVMP- SYSTEM

- * Non-profit organisation
- * Cooperation between all:
 - industry
 - retail
 - municipalities
 - consumers
- * Taking all from everywhere

THE KEY ELEMENTS

- * Visible fee / Scrapping levy
- * Taking it all:
 - * historical waste
 - * orphans
- * Taking it from everywhere
 - * municipalities
 - * retailers
 - * distribution centers
- * Explaining the environmental story

Logistics



LOGISTICS

Regional Stations 87%

Individual retailers 10%

Distribution Centres 3%



LOGISTIC KEY FIGURES

450 Municipalities

5 Regional Storage Stations
(ROS) sorting out in

6 main streams of waste
(Cool/F, Large App, TV, Small
App, B2B & Lighting)

50 Retail distribution centres

1200 Retailers / Repair firms (free
collection service)



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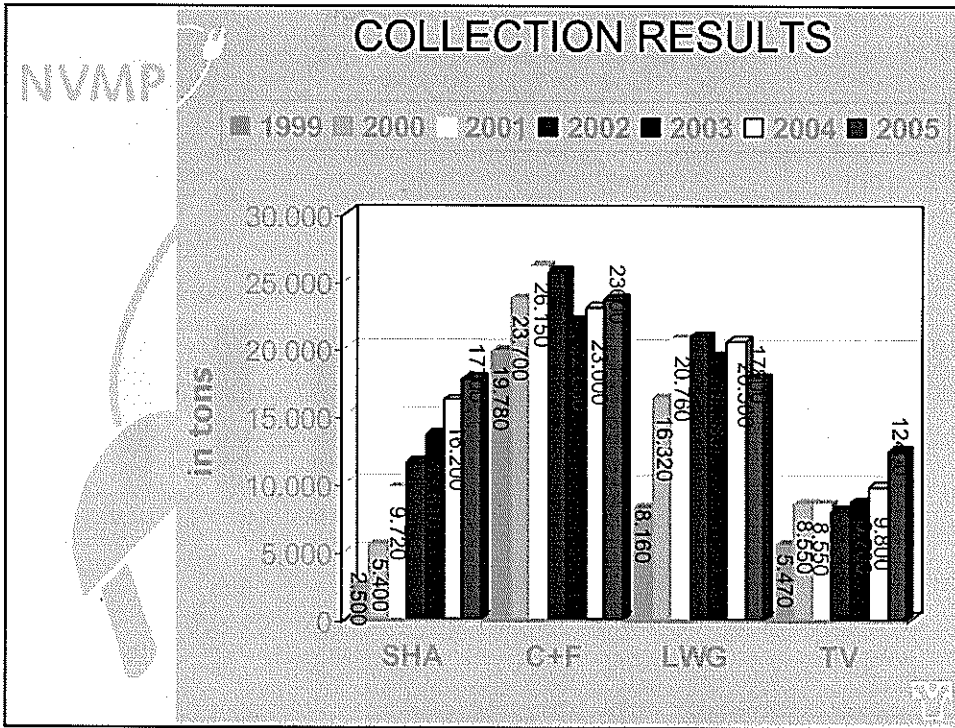
LOGISTIC KEY FIGURES

- * Transport companies : daily logistic orders
- Recycling companies with in total 11 plants
- * Bulk & small transportations

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CONTROLLING LOGISTICS

- Internet portal for orders
- Specifying all details
- Chain management for transporters, recyclers and administration
- Total control possibility

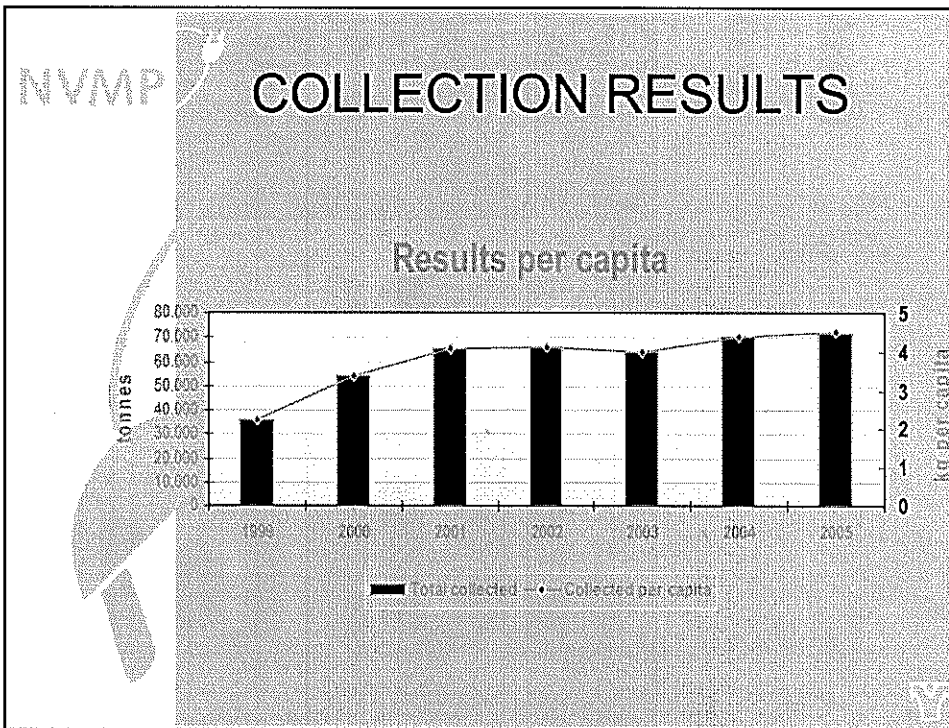


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Latest Results 2006

(in 1.000 kg)

- Cooling/freezing 25.175
- Large whitegoods 14.394
- TV 13.410
- Small Household appl. 17.876
- Professional 1.023
- Lighting 2.017
- Total consumer appl. 72.604**



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VISIBLE FEE (incl. VAT) household appliances

Euro

* Cooling and freezing appliances	17
* Large white goods (washing machines / ovens)	5
* Small domestic appliances (coffeemaker, frying pan, vacuum cleaner)	1
REST IS FREE	

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VISIBLE FEE (incl. VAT) consumer electronics

	Euro
* TV	8
* DVD equipment	3

REST IS FREE

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FREERIDERS

- * Brandname selection of waste: almost impossible
- * Unbearable accruals
- * No responsibility for orphans

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MOTIVATING CONSUMERS

- * Free phonenumber
- * Website
- * TV- spots
- * Leaflets
- * Schoolcollection campaign

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Recycling results 2006

	Reuse	Recovery	Legal
• Cooling/fr.	78%	92%	80%
• Large hh.	77%	79%	80%
• Small app.	70%	74%	70%
• TV	85%	94%	75%
• Lighting	93%	94%	70%

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COLLECTIVE SYSTEMS: *The best solution!*

- * Lowest costs (at consumers level) } PWC -
- * Best environmental results } report
- * No competition
- * Easiest to understand
- * Significant advertising possible

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FINANCING REGULATIONS THE NETHERLANDS

2005 - 2020

FINANCIAL REGULATIONS WEEE DIRECTIVE

- Principle of producers responsibility
- Difference between B2C (art 8) and B2B(art 9)
- Consumers equipment put on the market before 13 August 2005: **historical waste**;
- After 13-8-2005: **new waste**
- Historical waste can be financed by: **visible fee**
- Visible fee until 2011 (2013) for large white goods
- Visible fee for new waste not allowed.

FINANCIAL REGULATIONS 2

- For B2B equipment "other" financing agreements possible between producers and users (art 9)
- For B2C: guarantee to be provided:
 - Recycling insurance
 - Blocked bank account
 - Collective WEEE system
- All producers have to pay to a WEEE system for historical waste (art 8 sub 3).

DUTCH CALCULATION MODEL

- Visible fee until 1-1-2011 (2013)
- Average lifetime: 15 years
- equal # of sales until 2020
- operational costs equal
- return on assets: 2%
- inflation: 3,5% per year

CONSEQUENCES

- No increase of visible fee
- As soon as funds have reached maximum: decrease of vis. fee
- after 2011 industry has to pay the costs raising with 10% per year
- after 2020: industry pays full costs
- after 2011: invisible fee

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FURTHER CONSEQUENCES

- After 2020: only guarantee capital
- Participants must guarantee further operations in advance
- End of competition trials at court

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For further information:

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