



*Ministry for Environment and Territory
-Italy -*

Senior Officials Meeting on the 3R Initiative

6th-8th March 2006

Tokyo, Japan

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Elio Manti

**with the support of ONR
(National Observatory on Waste)**



ONR National Observatory on Waste



www.osservatorionazionale rifiuti.it

**OECD and Italian Ministry of Environment
Conference – Milano 3 October 2006**

**“Circular Economy & the 3R Strategy –
It`s good for the economy,
it`s good for the environment!”**

Convergence of several concepts that we use:

- Circular Economy
- Cleaner Production & Technologies
- Sound Material Cycle Society
- Zero Waste Economy
- Waste Hierarchy for the Waste Strategy
- Material Flows & Resource Productivity
- Sustainable Materials Management
- Consumption & Production Models
- Extended Producer Responsibility

→ 3R Strategy and 3R Initiative



Data on waste collected by ONR and APAT

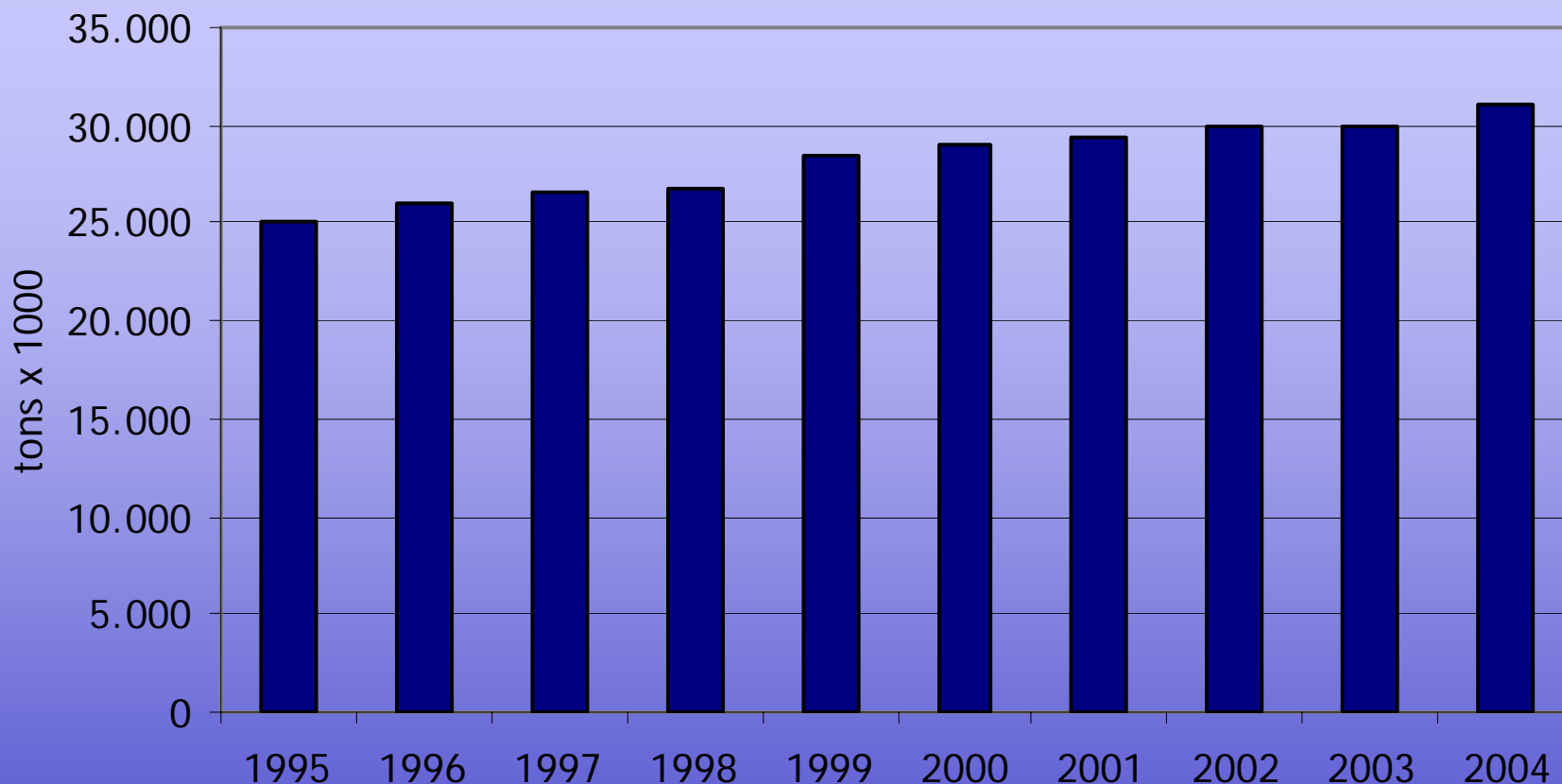
Parameters	Data sources	Data quality
Waste generation	Regions, Provinces, ARPA, OPR	😊
Separate collection	Regions, Provinces, ARPA, OPR	😊
Packaging recycle and recovery	Waste Consortia	😊
Municipal waste management	Regions, Provinces, ARPA, OPR, private management	😐
Waste management costs	Municipality	😞
Tariff diffusion	Municipality, private management	😞

ONR = Waste National Observatory , APAT = Environment Protection Agency ,

OPR = Waste Provincial Observatories , ARPA = Regional Env. Protection Agencies



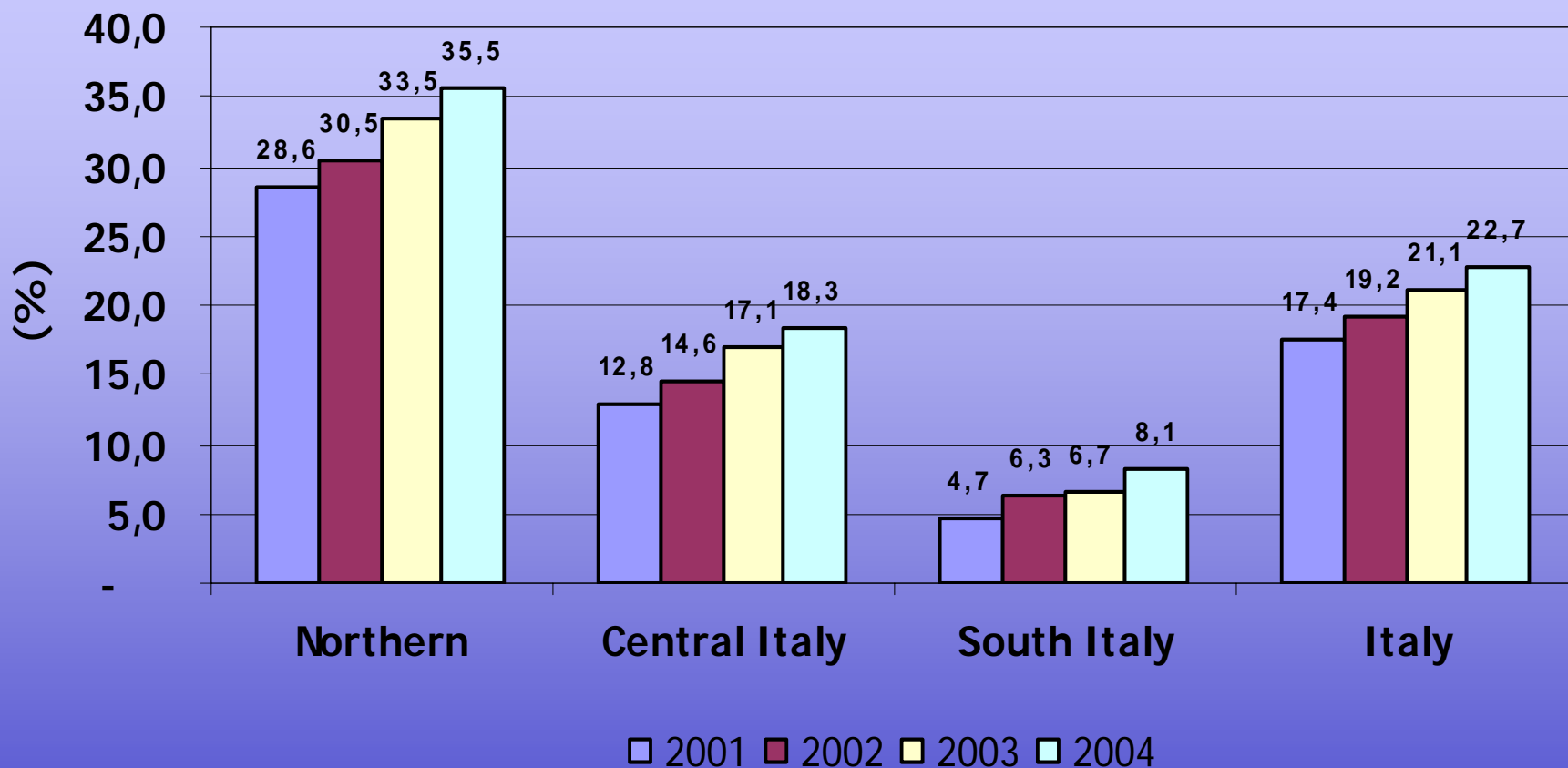
WASTE GENERATION IN ITALY: 1995-2004



Waste generation in Italy is increasing in last years; nevertheless, there is a decreasing trend in the growth rate during 2002 and 2003 (+ 1,5% and + 0,6%) but the trend growth in 2004 (+ 3,7%)



SEPARATE COLLECTION IN ITALY: 2001 – 2004

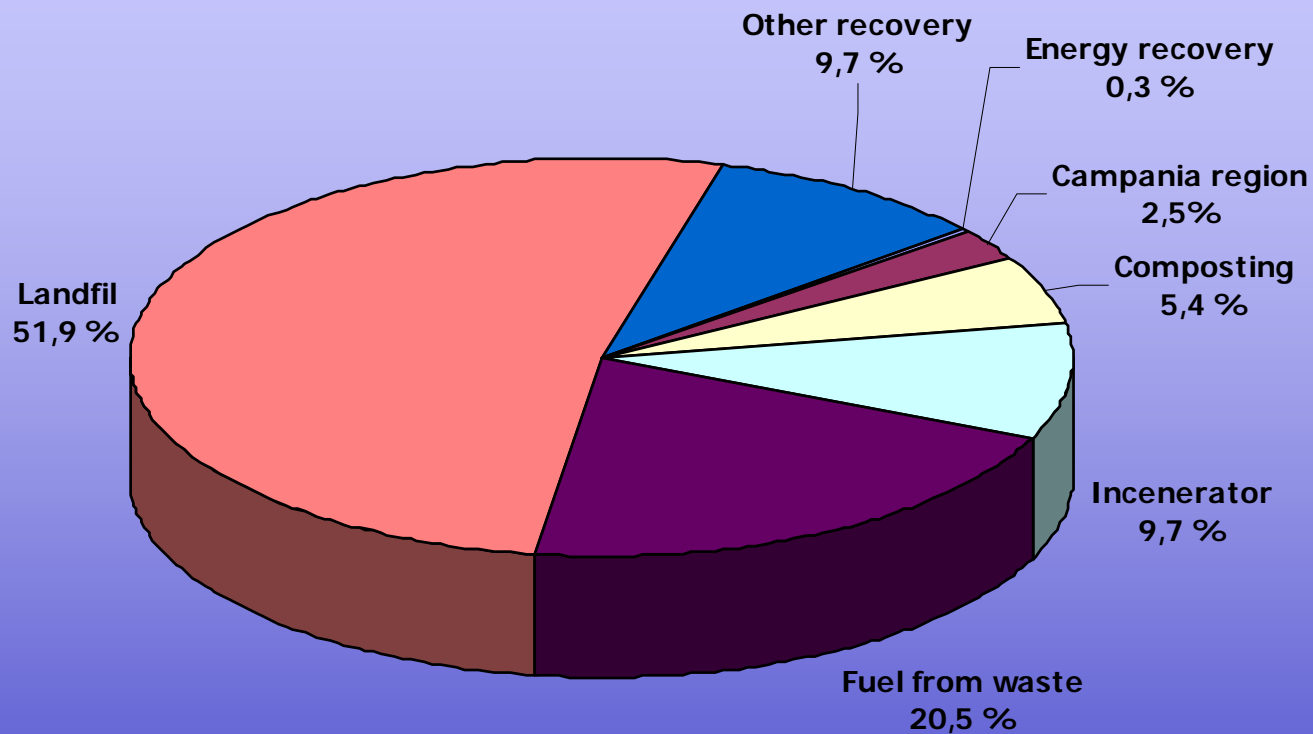


“THREE SPEEDS ITALY”

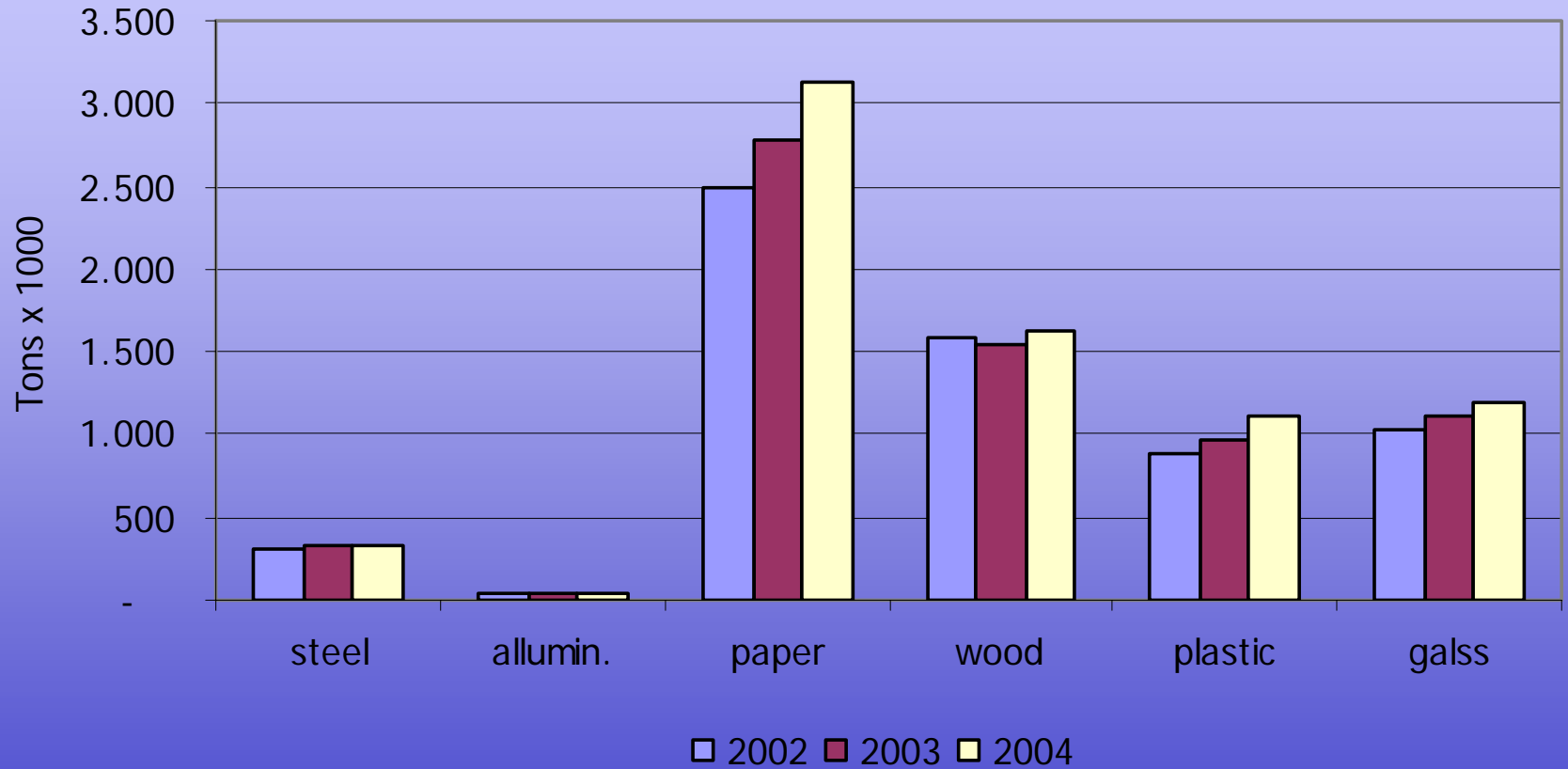
There is a growth from 1997 to 2003; in 2001 has been achieved the highest level of last 5 years (+21%); over target set by the law



MUNICIPAL WASTE MANAGEMENT SYSTEMS – 2004

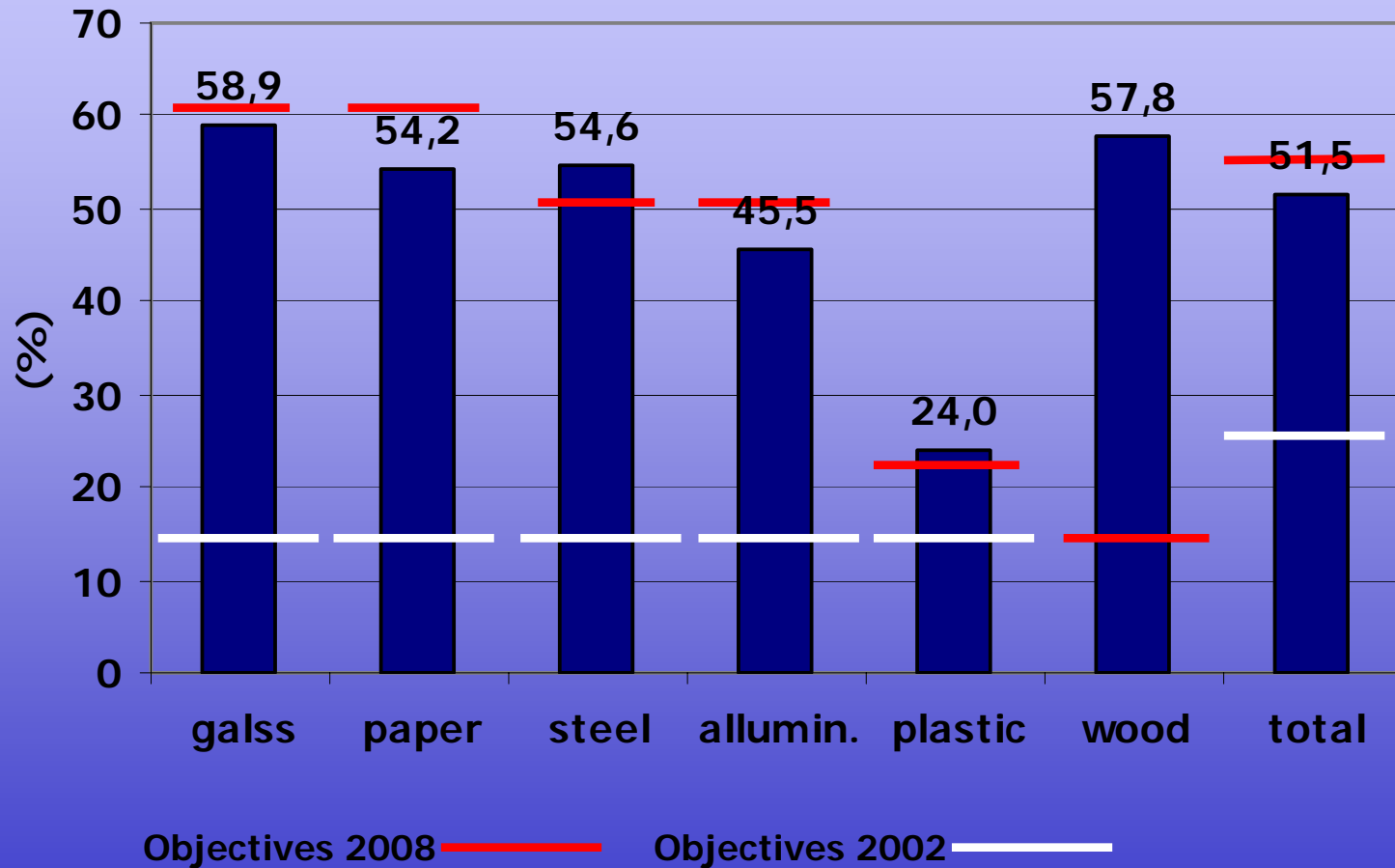


TOTAL PACKAGING RECOVERY - 2003

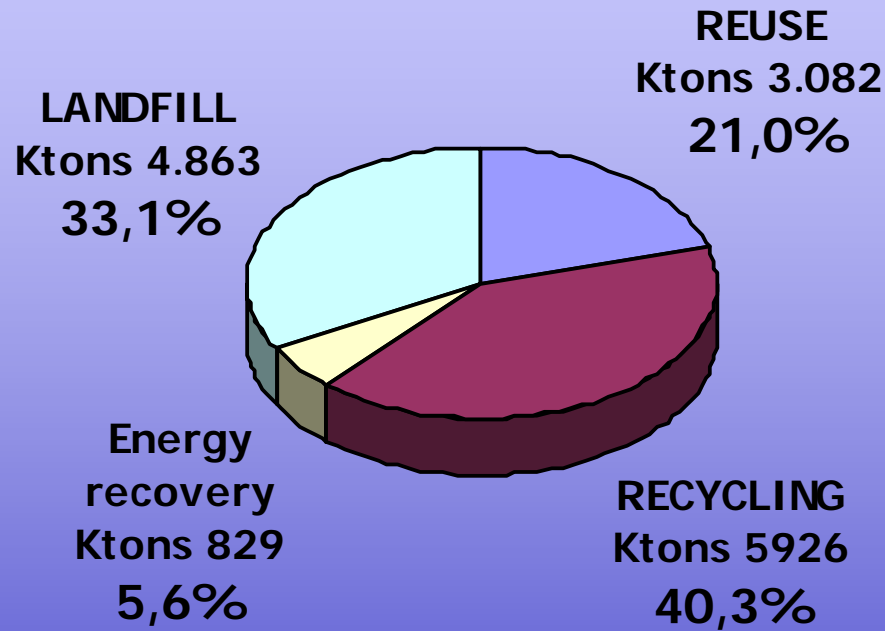


PACKAGING MANAGEMENT IN ITALY (1)

2004



PACKAGING MANAGEMENT IN ITALY (2) 2004



TOTAL PACKAGING 14.700 ktons

TOTAL PACKAGING RECOVERED 11.618 ktons



STRATEGIES FOR 3R IN ITALY BY NATIONAL OBSERVATORY ON WASTE

- Evaluations with **efficiency** and **efficiency** indicators
- Identification of **standards**
- **Benchmark** and **best practices**

- **Green Public Procurement**

- Waste **Prevention** and **minimization** policies



TRANSFORMATION OF THE NATIONAL OBSERVATORY ON WASTE IN AN AUTHORITY

- The so-called “Environmental Delegation Law” has empowered the Government to reform environmental legislation in view to simplify it, making it consistent, more stringent territorial regulatory systems
- The ONR on this basis should be transformed in an Authority for the Waste sector
- The model is that of the other Authorities: Antitrust – Energy – Telecommunications – Pension Funds - ...



Green Public Procurement

Public Procurement Amount (2002) 17% in Europe
14% in Italy

Legislation in Italy (Decree of the Ministry of Environment 203/2003):
Public Administration at all levels must cover at least 30% of supply
needs with goods and manufactures made of recycled material

National Observatory on Waste



RECYCLING REPERTORY

list of companies producing
goods with recycling
materials, in accordance to
national technical regulations



Suggestions for dicussion (1)

- Lack of systematic data about transboundary movements of waste and remanufactured goods: Countries could take some commitment towards such data collection
- Support in this direction work by:
 - OECD - Basel Convention - Eurostat on waste categories
 - OECD on Material Flows and Resource Productivity
 - OECD on Sustainable Materials Management



Suggestions for discussion (2)

- Organise an International Waste Observatory, monitoring waste “materials and goods” prices and markets in the 3R Countries
- Develop systematic reporting activities on the contribution of the 3R Strategy’s to the control, mitigation and adaptation to Climate Change

