

COLLECTING AND RECYCLING OF SCRAPPED TYRE THE NORWEGIAN / NORDIC MODEL

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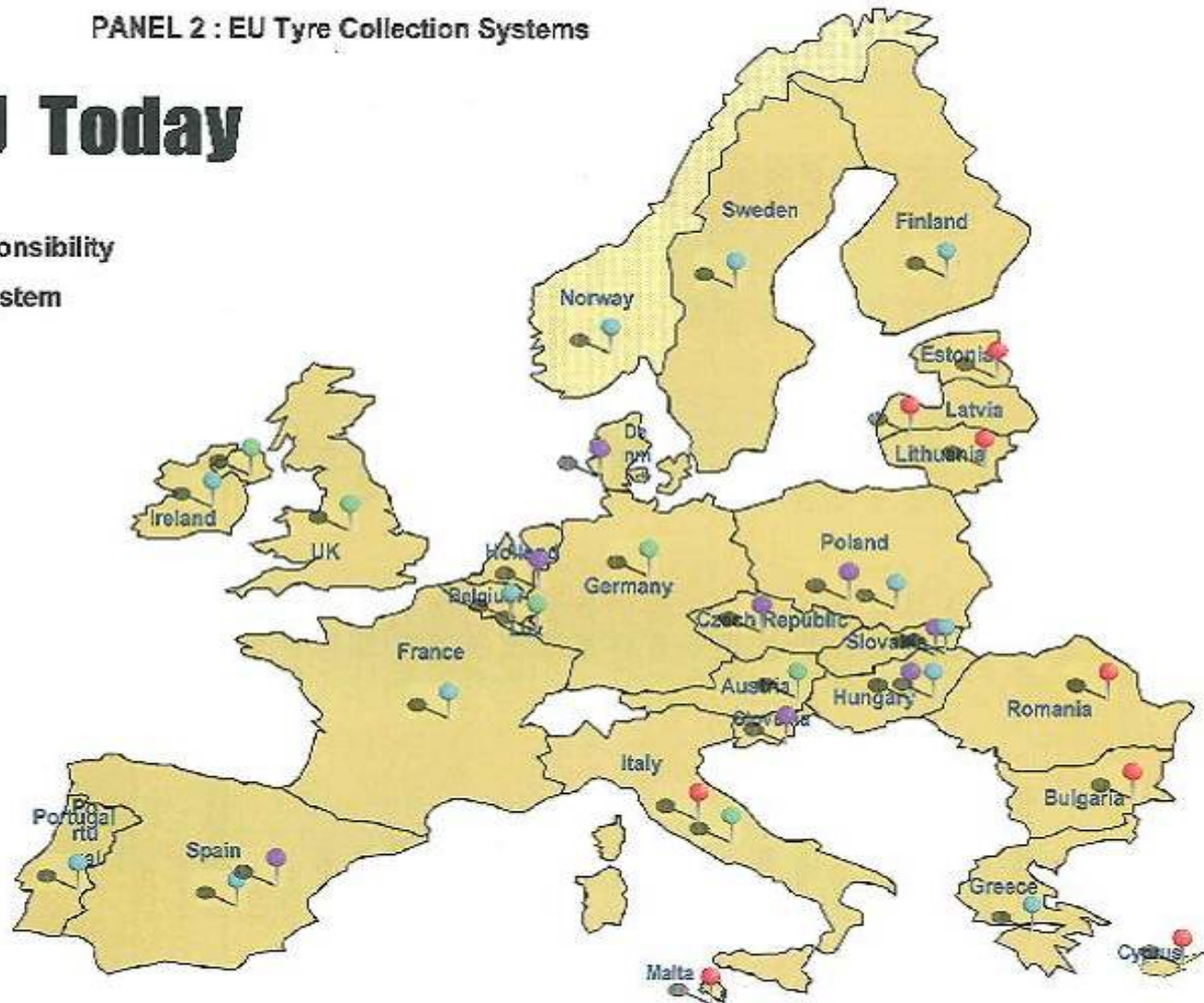
(Norwegian Tyre Collection and Recycling
Association)



PANEL 2 : EU Tyre Collection Systems

The EU Today

-  Producer responsibility
-  Free market system
-  Adaptation
-  In transition



THE NORWEGIAN (NORDIC) MODEL

1994

- **GOVERNMENTAL LEGISLATION ON COLLECTING AND RECYCLING OF TYRES FOR PRODUCERS AND/OR IMPORTERS OF TYRES
THE FIRST EXAMPLE OF PRODUCERS RESPONSIBILITY**
- **A BASIC FACTOR FOR THE SUCCESS IN NORWAY**



OUR FRAMES:

- **FRAME AGREEMENT WITH THE MINISTRY OF ENVIRONMENT**
- **ASSOCIATIONS IN THE TYRE TRADE TOOK THE CHALLENGE AND RESPONSIBILITY**
- **ACTUALLY NO RESPONSIBILITY FOR HISTORICAL STOCK OF SCRAPPED TYRES, BUT WE ALSO TOOK THIS CHALLENGE - AND "CLEANED THE COUNTRY" (5-YEARS PROGRAMME 1994-1999)**
- **FINANCING OF COLLECTION AND RECYCLING BY FEE SYSTEM PAID BY THE CONSUMER**



COMPANY'S ORGANIZATION

- **WHO OWNS THE COMPANY NORSK DEKKRETUR AS**
(According to market shares and producers responsibility)
 - **TYRE IMPORTERS ASSOCIATION 75 %**
 - **VEHICLE IMPORTERS ASSOCIATION 25 %**(In Sweden – vehicle manufacturers or importers are not participants in the company)
- **COMPANY'S MISSION:**
ORGANIZING AND MONITORING THE SYSTEM/FRAWORK OF COLLECTION AND RECYCLING OF SCRAPPED TYRES.
- **COMPANY'S ORGANIZATION:**
 - **BOARD – 4 MEMBERS**
 - **MANAGING DIRECTOR (PART TIME 60 %)**
 - **SECRETARY (PART TIME 60 %)**



NORWAY: GEOGRAPHICAL AND LOGISTICAL CHALLENGE

- **NORWAY**
 - LONG COUNTRY – 3500 KM
 - DENSILY POPULATED AREAS
(VALLEYS, FJORDS, MOUNTAINOUS AREAS)
- **SOLUTION**
 - 2 MAIN DEPOTS
 - TRUCK TRANSPORT



FRAMEWORK – COLLECTION AND RECYCLING SYSTEM

- **CONTRACT WITH ONE MAIN OPERATOR**

- **RAGNSELLS AS (SAME COMPANY IN NORWAY + SWEDEN)**

- **SUBCONTRACTORS IN 20 COUNTIES IN NORWAY**

- **COLLECTING SCRAPPED TYRES FROM 4000 COLLECTING POINTS**

- **TYRE DEALERS**

- **GARAGES**

- **VEHICLE DISMANTLERS (ELV'S)**

- **MUNICIPAL WASTE COLLECTION/SORTING PLACES**

- **RECYCLING OF TYRES**



**- AGREEMENT WITH TYRE IMPORTERS /
VEHICLE IMPORTERS**

**NORSK DEKKRETUR IS TAKING OVER THE IMPORTERS
RESPONSIBILITY TOWARDS THE GOVERNMENTAL
REGULATION.**

**IN RETURN – IMPORTERS ARE CHARGING AN
ENVIRONMENTAL FEE – PAID TO OUR COMPANY TO
FINANCE OUR ACTIVITY**

- FEES

PASSENGER CAR TYRES NOK 8,- / EUR 0,90

TRUCK TYRES NOK 50,- / EUR 5,60

OTHER TYRE CATEGORIES UP TO NOK 300,-/ EUR 35

- OUR MARKET SHARE – 85 – 90 %

- COLLECTION RATE – MORE THAN 100 %



FREE RIDERS

- **PRODUCERS / IMPORTERS
NOT PARTICIPATING IN
FINANCING THE SYSTEM**
 - **ACCORDING TO
LEGISLATION**
 - **THEY ARE BREAKING THE LAW**



PRESENT CHALLENGE

- **GET THE FREE RIDERS INTO THE SYSTEM**
- **GET ASSISTANCE FROM THE GOVERNMENTAL BUREAU OF ENVIRONMENT CHASING THE FREE RIDERS**
- **CONJUNCTURE PHENOMENON STRONG NATIONAL CURRENCY vs EURO GIVES HIGHER PARALLELL IMPORT – AND MORE FREE RIDERS**



R & D – TYRE RECYCLING

- ACCORDING TO GENERAL CONTRACT, R & D AND RECYCLING IS OPERATORS RESPONSIBILITY
- BUT:
WE FEEL ALSO PARTLY RESPONSIBLE BY COOPERATING IN R & D-PROJECTS (ORGANIZING AND FINANCING)
- ELSE:
"KEEP THE RADAR ON ABOUT ACTIVITIES /SOLUTIONS WORLDWIDE"
- EXAMPLE: PYROL-X-TYRE-PROJECT (EU-PROGRAMME)

