

**6th WORLD GENERAL ASSEMBLY THE
MARTINIQUE (FRENCH ANTILLES)
24-28. JANUARY 2004**

Water Management in Hungary

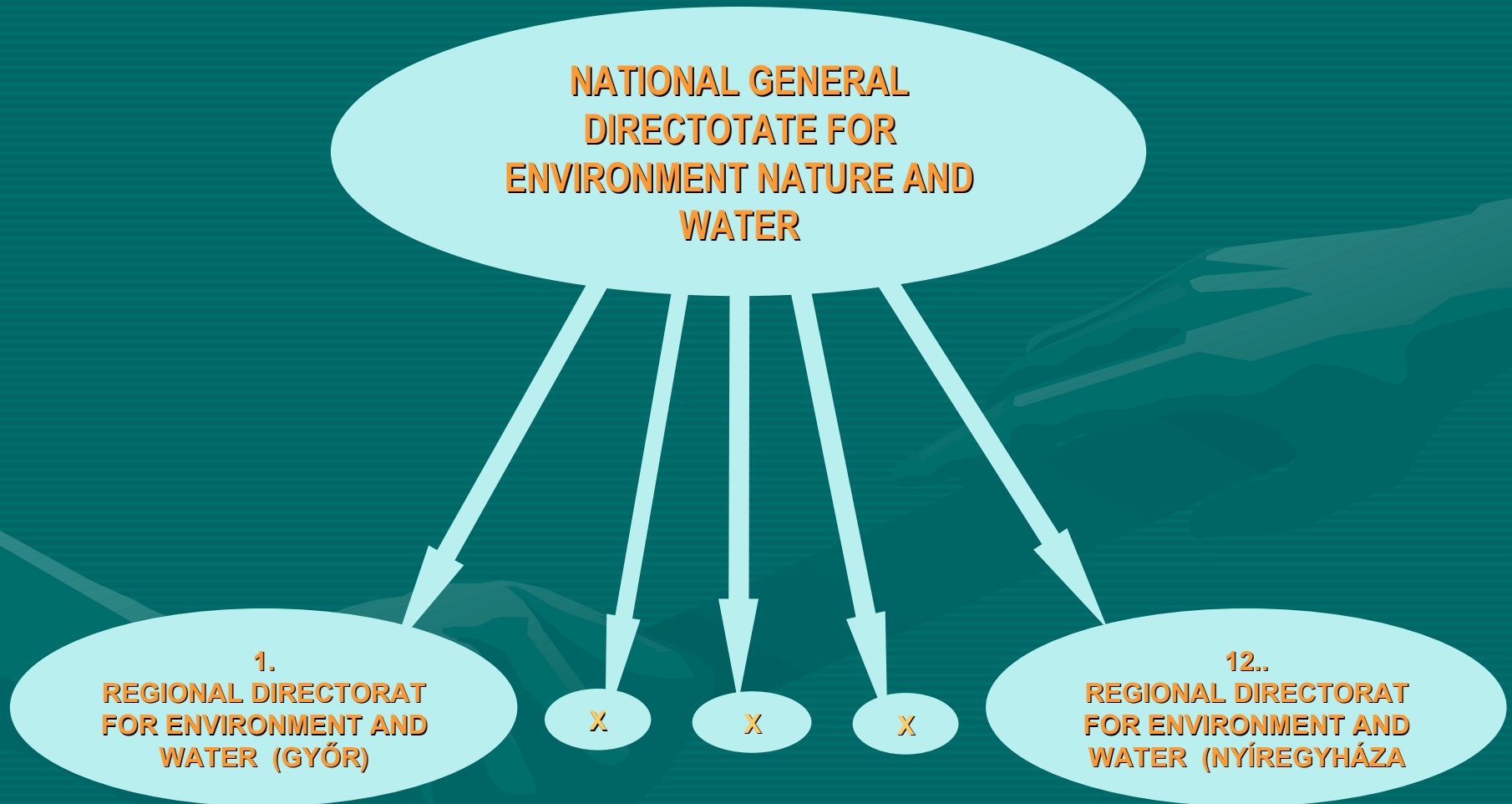
Mr. KÁLMÁN PAPP

**NATIONAL GENERAL DIRECTORATE FOR
ENVIRONMENT NATURE AND WATER
(NATIONAL WATER AUTHORITY)**

The Structure of Water Administration



CHANGES IN THE STRUCTURE OF WATER MANAGEMENT IN HUNGARY



LEGAL STRUCTURE IN HUNGARY and major elements related to water

CONSTITUTION

ACTS

approved by the Parliament

on water management (1995)
on environment (1995)
on nature conservation (1996)
on local government (1990)
on plant protection (2000)
on catastrophes (2000)

GOVERNMENTAL DECREES
approved by the government

MINISTERIAL DECREES (orders, before 1990)
issued by one or more Minister

Some examples
on wastewater fines (1984, order!)
on operation of water supply and
sewage systems (1992)
on national environmental standards (1994)
on agricultural and environmental
subsidies (2001)

legal harmonisation

technical implementation

Some examples:

on water services (1995)
on water licencing (1996)
on protection of wellfields and reservoirs (1997)
on notification of Danube convention (1999)
on sensitive areas (2000)
on groundwater protection (2000)
on protection against nitrate pollution (2001)

DECISIONS

issued by Parliament or Government
lauching natinal programmes of measures

Some examples:
for sewerage and waste water treatment
for wellfield protection
for remediation of contaminated sites
for improvement of quality of drinking water
for nitrate control

on the Water
Framework Directive



Activity as an Authority

- **Water licencing:**
- **1st degree:**
regional water authorities
- **2nd degree:**
National Water Authority

CHIEF INSPECTION OF ENVIRONMENT PROTECTION AND WATER (Water licencing 2nd degree)

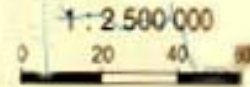
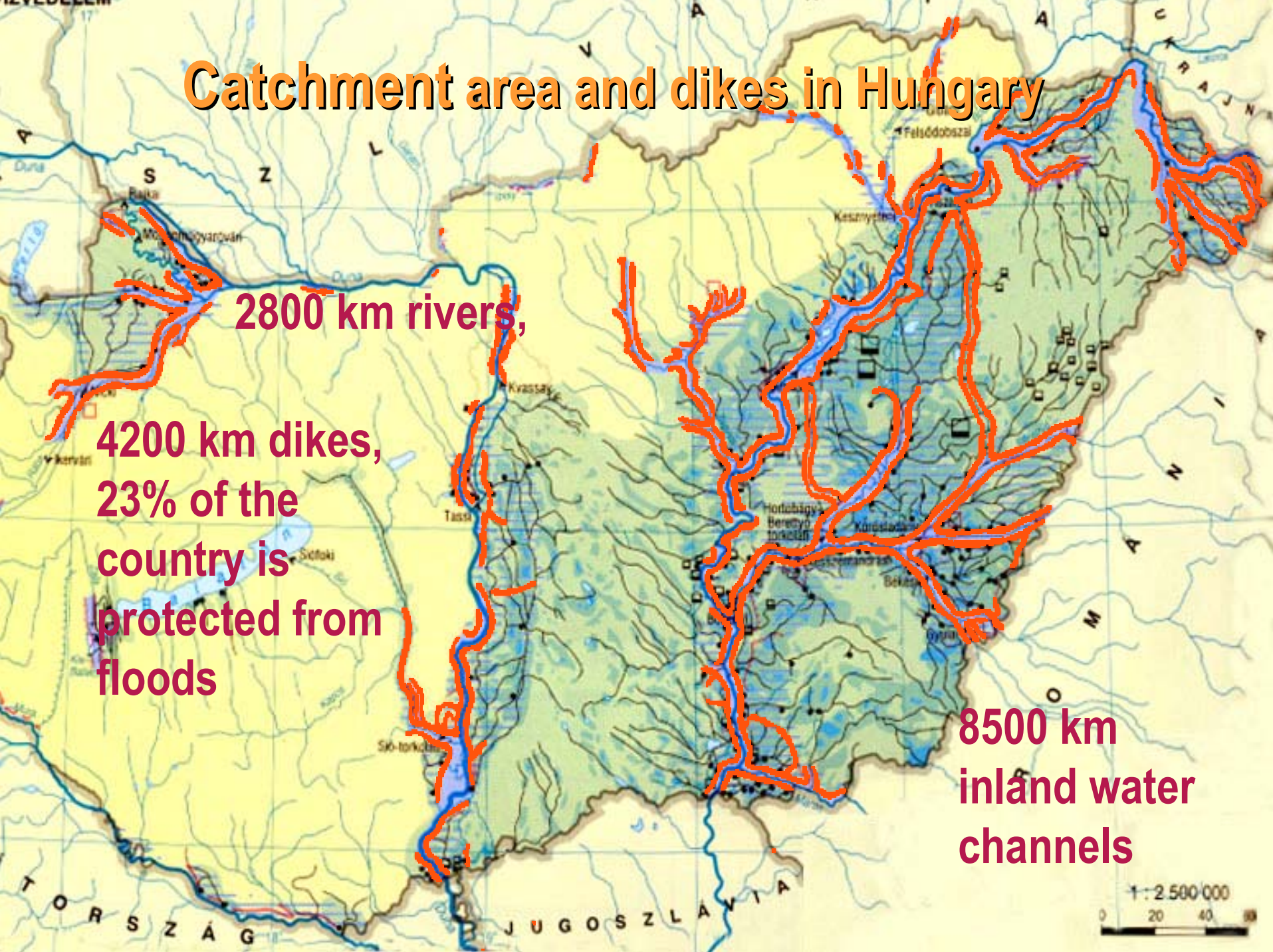
- 12 Regional Inspectorates of Environment Protection
(Environmental licencing)
- 12 Regional Water Inspectorates
(Water licencing 1st degree)

Catchment area and dikes in Hungary

2800 km rivers,

4200 km dikes,
23% of the
country is
protected from
floods

8500 km
inland water
channels



Lessons learnt during the floods in the period of 1998 - 2001

- *Strengthening existing international co-operation*
- *Tisza Water Forum*
- *Budapest Initiative (Premier Minister level)*
- *Opening new approaches in flood mitigation (New Vásárhelyi Plan)*
- *EU Water Directors' Initiative*

National Municipal Drainage Network and Sewage Treatment Program

(2001-2015)

Necessary developments:

- Drainage network: 14 251 km
- Sewage treatment capacity: 4 milli6 IE

Costs of developments:

- EU claims: 3,5 billion Euros
- National claims: 0,5 billion Euros

Implementation of the Water Framework Directive

EU aims:

Sustainable use of water

ICPDR :Coordination of the Danube basin aims



National aims:

- Consideration of the special flood prevention circumstances
- Introduction of the open planning process in water management



International Co-operation

- Helsinki Convention (1996)
- ICPDR (Sofia Convention) (1998)
- EU Water Framework Directive
- Tisza Water Forum (2001)
- Budapest Initiative (2002)

Bilateral agreements

- Hungarian-Slovakian (1978)
- Hungarian -Ukranian (1999)
- Hungarian -Roumanian (1986)
- Hungarian -Yugoslav (1955)
- Hungarian -Croatian (1995)
- Hungarian -Slovenian (1999)
- Hungarian -Austrian (1955)

**Thank you for
your kind
attention !**