SUMMARY of ISSUES for COAL INDUSTRY RESTRUCTURING in CEE/CIS REGION

Mücella ERSOY Turkish Coal Enterprises

Ad Hoc Group of Experts on Coal in Sustainable Development Eight Session, Geneva, 2-3 February 2006

CONTENT

- UNECE Activities on Coal Industry Restructuring
- Summary of Western Europe Experience
- CEE/ CIS Region
 - Questionnaire-Major Indicators
 - Economic, Social & Environmental Consequences
 - Major Tools
 - Comparision with Western Europe Experience
- Conclusion

COAL INDUSTRY RESTRUCTURING

 The term "restructuring" is meant in its broadest sense of policies and measures that aim to make the coal sector competitive and profitable and to raise their efficiency and environmental record to good international levels

Source: WEC

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UNECE ACTIVITY

on CEE/CIS COAL INDUSTRY RESTRUCTURING

Key aim:

• to assist countries in the restructuring of their coal sectors to improve economic efficiency and market orientation

(particular attention is paid to facilitating the integration of CEE and CIS countries into European and global economies)

- The program on the "market adaptation and restructuring of coal industry" were included in the Meetings of UNECE
 - Working Party on Coal (1990-1996),
 - Ad Hoc Group of Experts on Coal and Thermal Power(1997-2002),
 - Ad Hoc Group of Experts on Coal in Sustainable Development (since 2003)

UNECE ACTIVITY on CEE/CIS COAL INDUSTRY RESTRUCTURING

- The program on the "market adaptation and restructuring of coal industry" includes
 - identify and examine the problems related to the process of transition to market conditions of the coal industry in CEE and CIS region
 - general policies on restructuring and its social and environmental consequences
 - exchange of information
 - development of market infrastructure and increasing the market size of coal energy market,
 - Drafting and implementing new mining legislation and regulations

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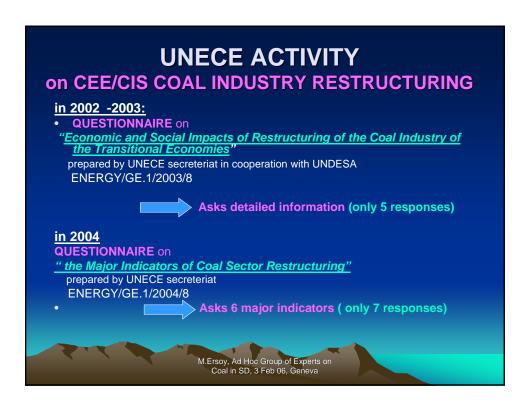
UNECE ACTIVITY on CEE/CIS COAL INDUSTRY RESTRUCTURING

Work accomplished:

- <u>Since 1990</u> a large number of Workshops/Seminars were organized on the subject to provide advisory assistance to countries in transition in
 - preparing and implementing restructuring policies and measures,
 - Legislation and regulatory mechanism,
 - Environmental regulations,
 - Social policies.
- In 2001 restructuring process of 12 transition countries were reviewed for the period of 1990-2000 :

Bosnia &Herzegovina, Bulgaria, Czech Republic, Hungary, Kazakhstan, Poland, Romania, Russian Federation, Slovakia, Slovenia, Turkey and Ukraine.

ENERGY/GE.1/2001/4

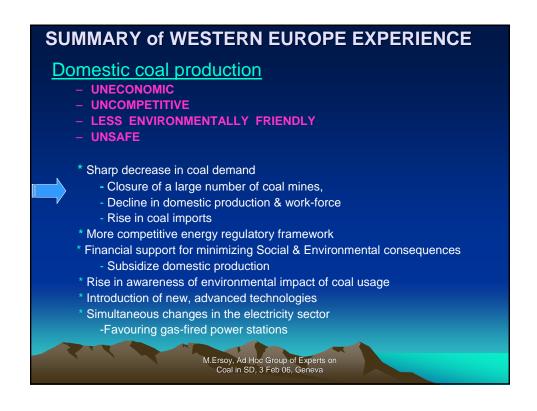


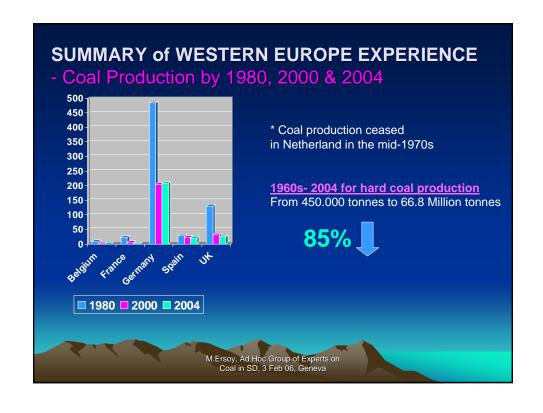


CONTENT











SUMMARY of WESTERN EUROPE EXPERIENCE

- Financial Support

Since 1965

State aid

for supporting domestic production & minimizing social &

• The EU Structural Funds regional Impacts of restructuring of coal industries

e.g

1994-2001

• 60 million € state aid for the countries UK, Spain, Germany and France

* But gradual withdrawal of the state (1407/2002/EC)

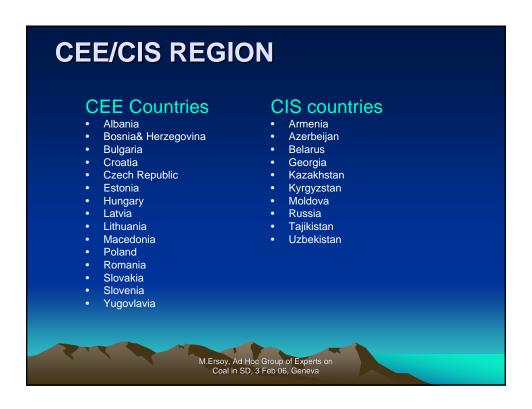
SUMMARY of WESTERN EUROPE EXPERIENCE

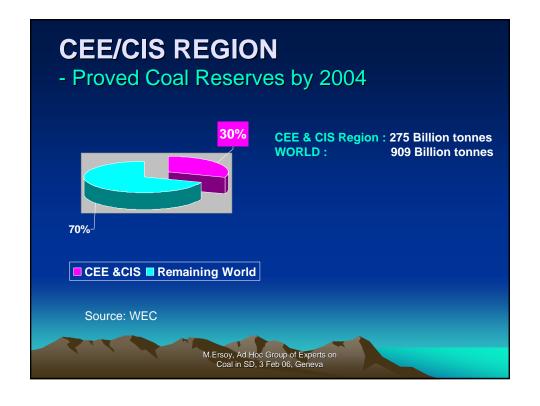
- European Coal and Steel Community input
- EU's competition and regional structural reform policies

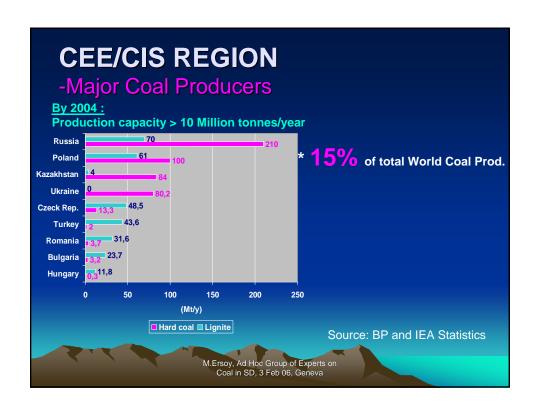
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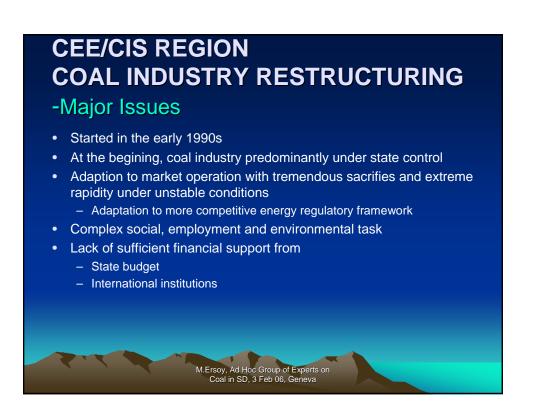
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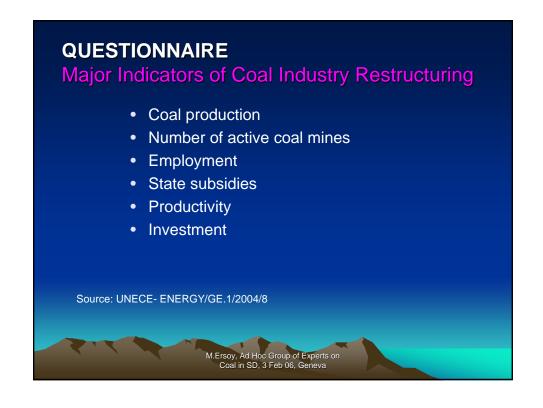




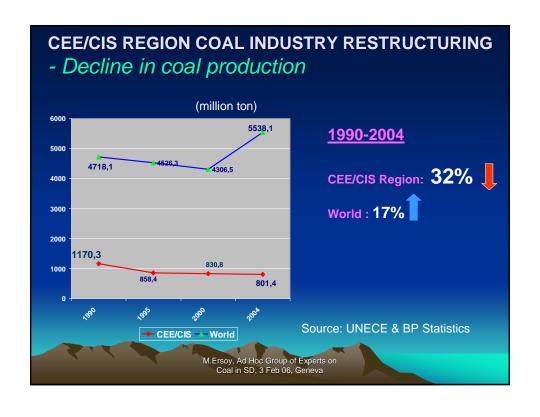




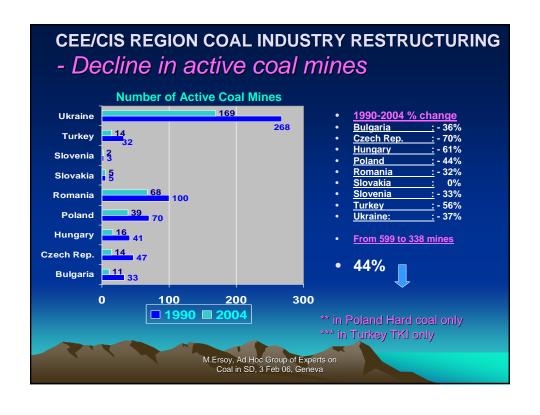
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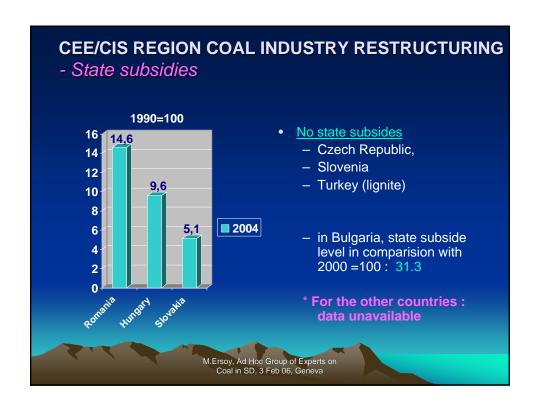


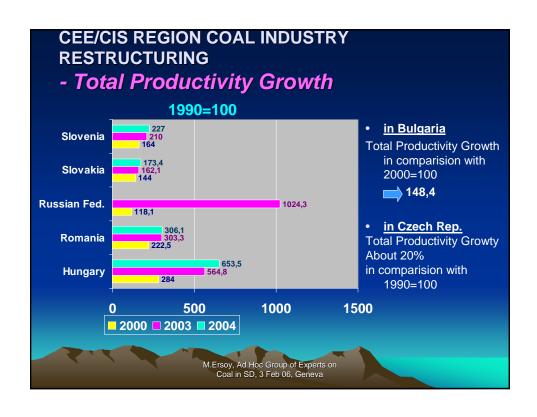
	PRODUC	TION (Mt)	% Change		
COUNTRIES	1990	2004	1990/2004	1990-2004	
Russia	395,4	280,2	-29,12		
Poland	215,3	161	-25,22	000/	
Kazakhstan	131,4	88	-33,03	32%	
Ukraine	164,8	80,2	-51,33		
Czeck Rep	101,4	61,8	-38,76		
Turkey	47,1	45,6	-3,18		
Romania	37,6	30,4	-19,15		
Bulgaria	31,7	26,5	-16,40		
Hungary	17,6	11,2	-36,36		
Bosnia& Herzegovina	18,1	8,7	-51,93		
Slovenia	5,1	4,8	-5,88		
Slovakia	4,8	3	-37,5		
TOTAL	1170,3	801,4	-31,52	Source: UNECE & BF	



	NUMBER OF EMPLOYEE (Thousands)				%Change	4000
Countries	1990	1995	2000	2004	1990/2004	<u>1990</u>
Bosnia& Her.	30,1	8,9	17,5	n.a		1,901,450
Bulgaria	n.a	37	20,3	16,1		
Czeck Rep	110	80,5	41	33,1	-70	61%(*)
Hungary	49	20,4	11,3	4,06	-92	
Kazakhstan	88,9	77	51,1	n.a		
Poland**	388	274,5	155	127	-67	<u>2004</u>
Romania	134	97	46,6	35,4	-74	745,510
Russia	559,1	360,5	242,2	224,9	-60	
Slovakia	15,1	10,1	8	5,4	-64	
Slovenia	7,6	5,5	4,2	3,05	-60	*except Bosnia &
Turkey***	29,65	22,53	17,41	12,6	-58	Herzegovina, Bulga
Ukraine	609	527	n.a	300	-51	and Kazakhstan ** Hard coal only







CEE/CIS REGION COAL INDUSTRY RESTRUCTURING - Investment (million \$) Lack of Sufficient 1990 2000 2004 Investments **Bulgaria** 34.3 Jeopardize coal industry restructuring process Romania 231.15 30.6 35.3 Russian Fed. 4,941 319 811.5 Slovenia 28.7 19.3 20.5 Not push productivity Turkey* 46.3 6.4 17.9 upwards * TKI only M.Ersoy, Ad Hoc Group of Experts on Coal in SD, 3 Feb 06, Geneva



CEE/CIS REGION COAL INDUSTRY RESTRUCTURING - Economic Social and Environmental Consequences • Slowdown of regional economy - Economic decline - Hyper –inflation, - Loss of purchasing power - Absence of stable economic and fiscal laws - Collapse of payment system



ECONOMIC, SOCIAL AND ENVIRONMENTAL CONSEQUENCES

- Financing

- Financing needed to deal with devastating economic, social and environmental consequences of the sizeable coal industry contraction
- Restructuring process financed by:
 - Domestic governments,
 - Selected international governments,
 - Financial institutions

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ECONOMIC, SOCIAL AND ENVIRONMENTAL CONSEQUENCES

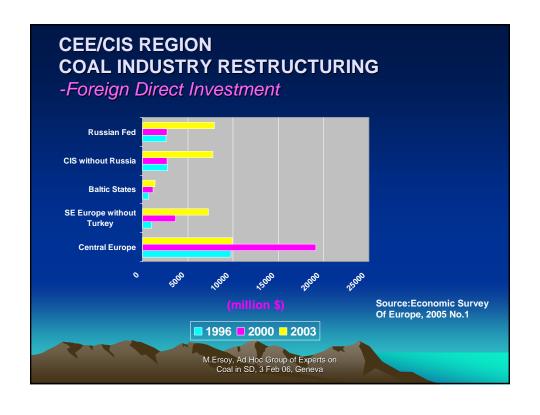
- Financing

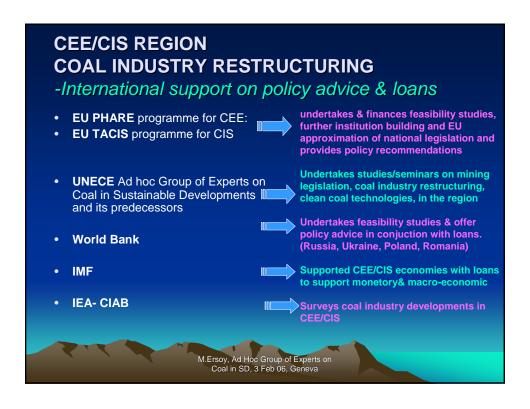
- Related measures and incentives included:
 - Financing early retirement,
 - Acquisition of skills outside the industry areas &/or coal related depressed region,
 - Training
 - Incentives for attrackting new employers in the coal industry areas,
 - Tax & other financial shemes,
 - Small business plan,
 - Landscape restoration,
 - Reduction of polluting emissions

Description UNECE Activities on Coal Industry Restructuring Summary of Western Europe Experience CEE/ CIS Region Questionnaire-Major Indicators Economic, Social & Environmental Consequences Major Tools Comparision with Western Europe Experience Conclusion Mersoy, Ad Hoc Group of Experts on Coal in SD, 3 Feb 06, Geneva



-Foreign Dire	1990	1995	2000	2003	Finance for purchase
CEE	of new equipment • Facilitates tech.				
Bosnia & Herzegovina	[-	146	382	transfer
Bulgaria	4	90	1002	1419	 For attracting direct foreign investment Properly set up legal and regulatory framework Economic & political stability
Czech Republic	132	2562	4986	2583	
Hungary	311	4741	2777	2340	
Poland	89	3659	9343	4124	
Romania	-	419	1037	1840	
Slovakia	18	308	1925	571	
Slovenia	4	151	136	339	
CIS					
Kazakhstan		964	1283	2088	Source:Economic Survey
Russian Fed.	-	2065	2714	7958	
Ukraine		267	595	1424	Of Europe, 2005 No.1







CEE/CIS REGION COAL INDUSTRY RESTRUCTURING

- Comparision with Western Europe Experience
 - Started about 30 years later
 - Have been centrally-planned economies for a number of decades
 - Required transparent, well-functioning legal, regulatory and policy framework
 - Rapid
 - Unstable conditions
 - Non-availability of sufficient financial & social support

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CONCLUSION Started in the early 1990s Each country Advancing in different pace has different strategies Although too many obstacles industry succeeded in setting up market tools and mechanism But as a result of large number work-force reduction Devastating economic & social consequences

CONCLUSION • According to projections: - coal demand & production will increase in CIS countries, but decrease in CEE countries • Although coal industry's decline in the region was significant, COAL REMAINED ESSENTIAL M.Ersoy, Ad Hoc Group of Experts on Coal in SD, 3 Feb 06, Geneva

CONCLUSION

- Review based on major indicators for some countries in CEE/CIS Region,
- Overall evaluation of the region depends on availability of questionnaire responses from all countries!
- needs broaden restructuring indicators

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SUMMARY of COAL INDUSTRY RESTRUCTURING IN CEE/CIS REGION THANK YOU FOR YOUR ATTENTION! ersoym@tki.gov.tr M.Ersoy, Ad Hoc Group of Experts on Coal in SD, 3 Feb 06, Geneva