

## ACTION PLAN 2007 - 2009

ACTION	Time period	Indicative Budget '000 MKD	Value category	Results	Priority	Responsible institution	Cooperating institution	Measure addressed in the strategy	Source of finances
--------	-------------	----------------------------	----------------	---------	----------	-------------------------	-------------------------	-----------------------------------	--------------------

### 1. FORESTRY SECTOR, RESOURCES AND ECONOMIC ISSUES

#### 1.1. Forest resources

1. Afforestation of 2,500 ha of barelands.	2007, 3Y	175,000	E	2,500 ha afforested bare lands outside forests.	I	MAFWE*	MEPP*; MF*	3.1.1. - 1.	programme
2. Start of the first stage of a melioration process of the 450 ha degraded oak forests.	2007, 3Y	40,500	D	Quality of the oak forests improved. (It is a long term biological process that lasts here for several decades).	II	MAFWE, PEMF*	MF; MEPP	3.1.1. - 2.	programme
3. Study for the introduction of a game species in the state hunting grounds.	2008, 1Y	1,000	B	Acquired knowledge on the nature conditions and biology of the game and on possibilities for introduction and reintroduction.	I	MAFWE, FFS		3.1.2. - 1.; 3.1.2. - 2.	budget
4. Study for prevention and protection of forest fires.	2007, 1Y	1,000	B	Elaborated study with analysis on the condition and the rate of risk of forest fires with draft measures for control and suppression.	I	MAFWE, FFS, PEMF	FFAM*; DPRRM*	3.1.1. - 5.	programme
5. Study on the areas, resource capacities and formulation of criteria for ecologically friendly harvesting of the non wood forest products.	2007, 1Y	1,000	B	Elaborated study with description of natural resources, capacities, the quantities, and normatives for sustainable management.	II	MAFWE, PEMF		3.1.3. - 1.	donation
6. Develop a study on the forest roads network in the Republic of Macedonia.	2008, 1Y	1,000	B	Elaborated study with analysis on the condition of the road network and with plan for optimal opening of the forests.	I	MAFWE, PEMF	FFS	3.1.1. - 3.	programme
7. Strengthening the RPDS for forestry (purchase of equipment, qualitative data base set up, improving personal qualification).	2007, 2Y	6,100	C	Improved laboratories on phitopatology and entomology, personell trained, five meteo-monitoring stations installed.	II	MAFWE, FFS, PEMF		3.1.1. - 5.	donation
8. Procurement of 37 specialised forest fire controll vehicles (30 jeeps and 7 water cars) for localisation and combating forest fires, for the forest protection department at the PEMF.	2007, 1Y	130,000	E	Area of forests damaged by fires -decreased, direct and indirect damages to forests reduced, GhG emmition reduced.	II	MAFWE, PEMF		3.1.1. - 5.	donation

#### 1.2. Forest industry

9. Develop a study on the forest/wood - final product chain in order to improve efficiency in employment.	2008, 1Y	1,000	B	Anaysis and recommendations made.	II	MAFWE; ME; FFS; PEMF		3.2. - 4.	donation
---	----------	-------	---	-----------------------------------	----	----------------------	--	-----------	----------

## 2. ROLE OF THE STATE IN THE DEVELOPMENT OF THE FORESTRY SECTOR

### 2.1. Management of state forests

#### 2.1.1. Institutions and their capacity

10. Set up of a State Forestry Agency.	2007, 1Y	0	F	State Forestry Agency - established with departments on forestry, hunting, silviculture, planning and management of hunting grounds, financing the improvement of forestry and hunting, etc.	I	MAFWE	Government	4.1.1. - 1.	
11. Restructuring of the State Inspectorate on Forestry and Hunting with 25 inspectors.	2007, 2Y	0	F	The State Inspectorate on Forestry and Hunting - restructured.	I	MAFWE	MF	4.1.1. - 4.	
12. Elaborate program for the PEMF transformation.	2007, 1Y	0	F	Prepared model for the transformation/reorganization of the PEMF.	I	MAFWE		4.1.1. - 3.; 4.1.4. - 1.	

#### Legislation

13. Amendment of the operative forestry legislation and related normative acts.	2007, 3Y	0	F	The Law on forests amended. Related normative acts are adopted. The Law on hunting amended and related normative acts are adopted. The legislation related to forestry is harmonised with EU legislation. New Law on forests and new Law on hunting.	I	MAFWE		3.1.2. - 2.; 3.1.2. - 3.; 3.2. - 4.; 4.1.1. - 1.; 4.1.1. - 3.; 4.1.1. - 5.; 4.1.1. - 6.; 4.1.1. - 7.; 4.1.1. - 8.; 4.1.2. - 1.; 4.1.3. - 2.; 4.3. - 1.; 4.3. - 2.; 4.3. - 3.	
14. Adoption of a Law on state inspectorate on forestry and hunting.	2007, 1Y	0	F	The Law on state inspectorate of forestry and hunting is adopted.	I	MAFWE		4.1.1.	
15. Develop a study on forest regions threatened by erosion.	2007, 1Y	1,000	B	The study is and a proposal for amendments on the Law on forests is developed.	I	MAFWE, FFS	MEPP	4.1.1. - 6.	programme
16. Amendment of the low of nature protection.	2007, 1Y	0	F	Criteria for planning and management of forests with environmental function are formulated.	I	MAFWE MEPP		4.1.1. - 2.; 4.1.1. - 5.; 4.1.2. - 2.	

#### 2.1.2. Forest Law Enforcement / Safeguarding

17. Technical and material equipment acquisition for the Forest police.	2007, 1Y	25,000	D	Forest guarding is improved and illegal activities in forest are decreased. The Forest police is equipped.		MAFWE	MF	4.1.2. - 3.; 4.1.2. - 4.	donation
---	-------------	--------	---	--	--	-------	----	-----------------------------	----------

#### 2.1.3 Forestry Planning and Information management

18. Develop an information network and introduction of a GIS technology.	2007, 2Y	25,200	D	Internal and external communication system and its maintenance is established.	I	MAFWE		4.1.3. - 3.	donation
19. Develop forestry information system with a database.	2007, 2Y	1,500	C	Forestry data base is established with regular updating.	I	MAFWE		4.1.3. - 3.	donation

<b>20. Updating of the data on state forests and demarcation of state from private forests in CM* where the real-estate cadastre is functional.</b>	2007, 2Y	6,000	C	Distincted and demarcated borders between private and state forests.	I	MAFWE, PEGW*		4.1.3. - 3.; 4.2. - 1.	donation
<b>21. Develop methodology for national forest inventory.</b>	2007, 1Y	1,000	F	A Methodology for national forest inventory is developed.	I	MAFWE	FFS	4.1.3. - 1.	donation
<b>22. Implementation of National Forest Inventory in the Republic of Macedonia.</b>	2007, 2Y	372,000	E	The implementation of the National Forest Inventory is in force.	I	MAFWE		4.1.3. - 1.	donation
<b>23. Streamline the forestry personnel in the area of planning and environmental-friendly management.</b>	2008, 2Y	3,100	E	The forestry planning personnel is trained and its performance is improved.	III	MAFWE; FFS; PEMF		4.1.3. - 4.	donation
<b>24. Promotion of the licensing regime for independent institutions for forest and game management planning.</b>	2007, 1Y	0	F	Related legislation is ammended.	I	MAFWE		4.1.3. - 4.; 4.3. - 1.	
<b>25. Develop General plan for forest management.</b>	2007, 3Y	12,500	D	General forest management plan is developed and aprooved.	I	MAFWE, FFS		4.1.3.	donation

#### **2.1.4. Financing**

<b>26. Study for valorization of the multifunctional benefits of forests.</b>	2007, 1Y	1,000	B	Established value system for the multifunctional benefits of forests.	I	MAFWE; FFS; PEMF	NGO*	4.1.4. - 4.; 5.1.	donation
---	----------	-------	---	---	---	------------------	------	-------------------	----------

#### **2.2. Forest ownership**

<b>27. Organize informative seminars for private forest owners on different forestry issues.</b>	2008, 2Y	750	B	Increased information of the private forest owners about their rights.	II	MAFWE	NGO	4.2. - 2.; 4.3. - 4.; 4.3. - 5.	donation
--	----------	-----	---	--	----	-------	-----	---------------------------------	----------

#### **2.3. Management of private forests**

<b>28. Create possibilities for licensed legal entities and individuals to provide services in forestry to private forest owners.</b>	2008, 1Y		F	The related legislation is amended.	II	MAFWE		4.3. - 1.	
<b>29. Ensure support to private forest owners through consulting and informing on forestation, forest protection, forest management, planning and certification.</b>	2009, 1Y		F	Private owners are informed and consulted.	II	MAFWE	NGO	4.3. - 5.	
<b>30. Publish an information tool to inform private owners on their rights and obligations.</b>	2009, 1Y	300	B	A booklet od up to 20 pages is issued in 20 000 copies.	I	MAFWE		4.3.	donation

#### **2.4. Public awareness**

<b>31. Introduce and maintain a forestry web site of the responsible forestry institution.</b>	2008, 1Y	60	A	Forestry website developed and regularly updated.	I	MAFWE		4.4. - 1.; 4.4. - 3.	budget
<b>32. Organize public awareness campaigns.</b>	2007, 1Y	1,000	B	Public awareness on forestry is increased.	I	MAFWE; FFS; PEMF	NGO	4.4. - 1.	donation

#### **2.5. Education, specialization and qualification**

<b>33. Revision of programs and studies of the Forest Faculty Skopje (introduction of the level specialist).</b>	2007, 1Y	0	F	Specialised courses are started.	II	FFS		4.5. - 1.	
--	----------	---	---	----------------------------------	----	-----	--	-----------	--

<b>34. Revision and updating of the master's and doctor's degree programs in the Faculty of Forestry in compliance with KTS* compatible with ECTS*.</b>	2007, 1Y	0	F	Postgraduate studies developed in compliance with ECTS.	III	FFS; UCM		4.5. - 1.	
<b>35. Establish a field (educational center) for the need of forestry education and research.</b>	2007, 3Y	18,600	D	The field center is established under the governance of the FFS.	II	FFS, MAFWE		4.5.	donation

#### **2.6. Forestry research**

<b>36. Develop program for adapting forestry to global climate change.</b>	2009, 1Y	1,000	B	A program for adapting forestry to global climate change is developed.	II	FFS, MAFWE	MEPP	4.6. - 7.; 4.6. - 8.	donation
--	-------------	-------	---	--	----	---------------	------	-------------------------	----------

#### **2.7 Inter - sectoral and international cooperation**

<b>37. Establish Consultative units (Boards) on Forestry at national and regional levels.</b>	2008, 1Y	0	F	Consultative Forestry units (Boards) are established.	III	MAFWE		4.1.2. - 2.; 4.7. - 2.; 4.7. - 3.	
---	-------------	---	---	---	-----	-------	--	---	--

### **3. ENVIRONMENTAL ASPECTS**

#### **3.1. Forest protective function**

<b>38. Develop a study on the impact of the forest activities on to forest ecosystems.</b>	2007, 3Y	1,000	B	Results are obtained on the impact of forestry activities on the forest ecosystems. Good practice guidelines are published.	I	MAFWE, FFS	MEPP	5.1. - 1.	donation
<b>39. Develop a study for application capacities and technologies of the wood biomass usage in the Republic of Macedonia.</b>	2008, 1Y	1,000	B	Assesment of the application of wood biomass technologies is developed.	II	FFS; MAFWE; PEMF	ME	3.2. - 7.	donation

#### **3.2. Biodiversity protection**

<b>40. To certify 30% of the forests in Macedonia (high stem forests).</b>	2007, 3Y	17,000	D	Certification of 30% of the forests is completed.	II	MAFWE		3.2. - 5.; 5.2.	donation
--	-------------	--------	---	---	----	-------	--	--------------------	----------

### **4. SOCIAL ASPECTS**

#### **4.1. Contribution of the forestry to employment creation, livelihoods and poverty reduction**

<b>41. Support for the foundation of middle and small sized companies for non wood forest products (NFP) processing and trade (consultations, information and training).</b>	2008, 2Y	1,000	B	A mechanism for supporting the companies foundation is developed.	II	ME, MF	MAFWE	6.1. - 1.	donation
--	-------------	-------	---	---	----	--------	-------	-----------	----------

#### **4.2. Input in Rural development**

<b>42. Develop a study on the capacity of the forest tourism resources on regional and local level.</b>	2009, 1Y	1,000	B	The study is developed.	III	MAFWE, PEMF	MLG; ME	6.2. - 1.; 6.2. - 2.	donation
---	-------------	-------	---	-------------------------	-----	----------------	------------	-------------------------	----------

**Abbreviations**

<b>MAFWE</b>	Ministry of Agriculture, Forestry and Water Economy
<b>PEMF</b>	Public Enterprise Macedonian Forsets
<b>MF</b>	Ministry of Finance
<b>MEPP</b>	Ministry of Environment and Physical Planning
<b>FFS</b>	Forestry Faculty Skopje
<b>ME</b>	Ministry of Economy
<b>PEGW</b>	Public Enterprise Geodesic Works
<b>SU</b>	University of Skopje
<b>NFP</b>	Non-wood forest products
<b>MLG</b>	Ministry of Local Governance
<b>RDPS</b>	Reporting Diagnosis and Prognosis Service
<b>GIS</b>	Geographical Information System
<b>ENA FLEGT</b>	European-North Asian Forest Law Enforcement and Trade
<b>MCPFE</b>	Ministerial Conference on Protection of Forests in Europe
<b>ICP Forests</b>	International Cooperative Programm Forests
<b>CTS</b>	Credit Transfer Sysem
<b>ECTS</b>	European Credit Transfer System