

## Chapter 5

# **ACTION PLAN FOR BIODIVERSITY IN ROMANIA**

## ACTION PLAN FOR BIODIVERSITY IN ROMANIA

Action Plan for Biodiversity in Romania includes the objectives, sub-objectives and actions in relation to the responsible institutions, type of ownership in some cases, and the estimated necessary budget funding sources and the performance indicators for each action. The matrix as a whole is broken down into 10 objectives, 15 sub-objectives and a total 179 actions.

Fig. 5.1 shows the number of activities for 2012 – 2020. Note that for 2012-2014 the strategy has scheduled a significantly higher (about 50 – 60%) number of activities to be conducted.

A review of individual actions or of the overall budget allocation, of more than 1 billion EUR overall, indicates three categories of actions:

- 6 actions where the necessary budget could not be directly assessed or estimated, and where this will be done as the measures are implemented by the responsible institutions;

- 128 actions not requiring a direct budget, based on the stakeholder institutions or organisations implementing those actions as part of their normal activities, or using volunteers;

- 45 actions where the budgets were assessed based on various criteria, including:

- \* Assessment per unit of space (area – ha , length – km);

- \* Assessment per unit of time (year);

- \* Assessment per type of activity or target area (study, locality);

- \* Necessary budget for the entire action over the entire period; noting that this category includes budget estimates of a broad range, from EUR 150 million/ action to EUR 20 thousand/ action (depending on the size or complexity of that measure).

Advanced financial assessments of the strategy were based on the following justifications:

- experience of similar previous actions in the country or abroad;
- Preliminary calculations based on specific technical-economic indicators.

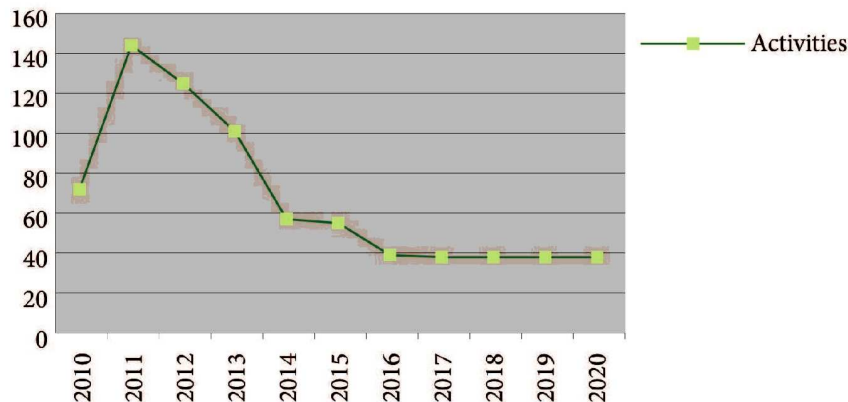


Fig. 5.1 Annual breakdown of activity numbers

**Table 5.1. Action Plan for Biodiversity in Romania**

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
<b>A.</b>	<b>DEVELOPMENT OF THE GENERAL LEGISLATIVE AND INSTITUTIONAL FRAMEWORK AND SECURING OF FINANCIAL RESOURCES</b>						
A.1	Establish a separate budget line for biodiversity conservation under the central environmental public authority	MEF	2012 – 2012	-	Own resources	Urgent	Achieved/ not achieved
A.2	Improvement of the legal framework to include additional penalties for failure to comply with all the legal provisions on biodiversity conservation	MEF	2012 – 2012	-	Own resources	High	Achieved/ not achieved
A.3	Strengthened enforcement of the legal framework on biodiversity conservation	NEG, MAI	2012 – 2020	-	Own resources	High	Number of offences identified
A.4	Integration of the biodiversity conservation considerations into the regional and local policies, strategies, and plans	Local government authorities	2012 – 2013	-	Own resources	Medium	No. of plans integrating biodiversity conservation considerations
A.5	Improved implementation of Priority Axis 4 of SOP Environment	MEF	2012	-	Own resources	High	Achieved/ not achieved
A.6	Revised categories of activities, applicants, eligible expenses and funding mechanisms in the Environmental Fund Funding Guidelines	MEF, EF	2012	-	Own resources	Urgent	Achieved/ not achieved
A.7	Diversification of income sources feeding the Environmental Fund	MEF, EF	2012 – 2020	-	Own resources	High	% of revenue increase
A.8	Allocation of 20% of the Environmental Fund revenues for biodiversity conservation activities	MEF, EF	2012 – 2020	-	Own resources	High	% allocated

## table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
A.9	Providing co-financing to LIFE+ Nature and Biodiversity from the Environmental Fund	MEF, EF	2012 – 2020	-	Own resources	High	No. of co-funded projects
A.10	Establishing the necessary financial mechanisms to supplement the revenues from the state budget allocated for biodiversity conservation and the management of the natural protected area network	MEF	2012 – 2012	200,000	State Budget	Medium	No. of mechanisms set up
A.11	Creating the necessary legal framework to summarise the results of biodiversity conservation projects funded from public sources	MEF	2012	-	Own resources	Low	Achieved/ not achieved
A.12	Large-scale application of the results obtained in successful projects funded from European funds for nature protection (e.g. Phare, LIFE, SOP –Environment, etc.)	MEF	2012 – 2020	-	Own resources	Medium	No. of conservation measures replicated
A.13	Study of the contribution of natural protected areas to the national economy	MEF	2012 – 2013	500,000	State Budget	Low	Achieved/ not achieved
A.14	Special fund earmarked for partial co-financing of NGO-proposed projects	MEF	2012 – 2020	1,000,000/ year	Environmental Fund	Low	No. of funded projects
A.15	Cost estimate for the implementation of community interest species and habitat conservation measures for co-financing and submittal to the European Commission	MEF	2012 – 2013	1,000,000	State Budget	High	Achieved/ not achieved

table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
A.16	Development of a transparent funding strategy for the necessary activities in implementing the EU nature protection Directives (from both the state budget and other sources)	MEF	2012 – 2012	200,000	State Budget	High	Achieved/ not achieved
A.17	Establishment of a counter-expertise fund to be used by the environmental authorities issuing regulatory documents based on the appropriate impact assessment procedure	MEF	2012 – 2012	1,000,000	Environmental Fund	Medium	No. of expert studies
A.18	Development and adoption of the National Programme of Ex Situ Conservation	MEF, ARD, MERYS	2012 – 2015	-	Own resources	Low	Achieved/ not achieved
A.19	Setting up a counter-valuation fund accessible to the regulation-issuing environmental authorities under the adequate assessment procedure	MEF	2012 – 2012	1,000,000	Environmental Fund	Medium	No. of valuations performed
<b>B.</b>	<b>PROVIDING CONSISTENCY AND EFFICIENT MANAGEMENT OF THE NATIONAL PROTECTED AREA NETWORK</b>						
B.1	Re-establishment and development of the ANAP, establishment of a similar institutional body in charge of coordinating the management of natural protected areas, including regional/ local structures	Government, MEF	2012	3,000,000	State Budget, own funds	Urgent	Achieved/ not achieved
B.2	Amended legal framework on the compulsory endorsement of plans, projects and activities that may impact the species and natural habitats of conservation concern by the administrators/ custodians of the natural protected areas of national and international importance	MEF	2012	-	Own resources	Urgent	Achieved/ not achieved

table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
B.3	Improve the contract provisions for the administration/ custody of natural protected areas	MEF	2012	-	Own resources	Urgent	Achieved/ not achieved
B.4	Development and adoption of a framework content of management plans of all the categories of natural protected areas	MEF	2012	-	Own resources	High	Achieved/ not achieved
B.5	Providing a minimal level of funds from the state budget for the management of natural protected areas	MEF, RNP	2012 – 2020	14,000,000/ year	State Budget	Urgent	Annually allocated amount
B.6	Development and adoption of technical norms for forest managements and the management of forests within the natural protected areas	MEF	2012	-	Own resources	Medium	Achieved/ not achieved
B.7	Establishing regulations to give priority to the re-naturalisation of ecological systems	MEF	2012 – 2012	-	Own resources	Medium	Achieved/ not achieved
B.8	Development and adoption of the regulations on waste management responsibilities outside localities in the natural protected areas	MEF	2012	-	Own resources	High	Achieved/ not achieved
B.9	Establishment and adoption of regulations harmonising the land use development, urbanism and heritage protection legislation with those on natural protected areas	MEF, MRDT	2012	-	Own resources	Urgent	Achieved/ not achieved
B.10	Approval of local zoning regulations in natural protected areas	MEF, MRDT	2012	-	Own resources	Urgent	Achieved/ not achieved

table continued

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
B.11	Establishment of administrators/ custodians for all the natural protected areas	MEF	2012	-	Own resources	Urgent	No. of natural protected areas taken in administration/ custody
B.12	Establishment of legal procedures for the purchase of private land by the state, in areas of strict protection regime within natural protected areas	MEF	2012 – 2020	150,000,000	State Budget, EF, LIFE+	Medium	ha of private land purchased by the state
B.13	Assessment of natural habitats and wild species of community importance in finalising designation of the Natura 2000 Network in Romania	MEF	2012	1,000,000	State Budget	Urgent	Acceptance by the EC of the Romanian Natura 2000 Network
B.14	Mapping the distribution of natural habitats and habitats of the wild species of conservation concern	MEF, MERYS	2012 – 2012	5,000,000	State Budget, SOP Env. EF	Urgent	No. of natural habitats and wild species of conservation concern mapped
B.15	Analysis of the coherence of natural protected areas, including ecological corridors	MEF	2012 – 2013	-	Own resources	Medium	Achieved/ not achieved
B.16	Development of background studies and designation of new natural protected areas and ecological corridors	MEF, research and education institutions, NGOs	2012 – 2020	500,000	State Budget	Medium	% of protected areas designated of the necessary total
B.17	Design and implementation of the national monitoring system under the Habitats Directive	MEF	2012 – 2020	1.5-2 million/ year	State Budget, SOP Env. EF	High	Monitoring system adopted and implemented

## table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
B.18	Design and implementation of natural protected area monitoring systems	MEF	2012 – 2020	1,000,000/year	State Budget, EF	High	No. of protected areas implementing monitoring systems
B.19	Design of conservation measures as a basis for compensation payments for Natura 2000	MEF	2012 – 2013	200,000	State Budget	High	No. of species/habitats with conservation measures established
B.20	Calculation of amounts allocated as compensation payments under Natura 2000 based on the conservation measures set for each type of natural habitat and wildlife species of community importance	MEF, MARD	2012 – 2013	300,000	State Budget	High	No. of species/habitats with compensation payments established
B.21	Payment of compensation to the land users who comply with the restrictions under Natura 2000 site requirements	MARD, APDRP, MEF, Natura 2000 site administrators/custodians	2012 – 2013	100 million	State Budget, EFARD	High	% of total amount paid to the landowners
B.22	Payment of compensation to the forest users who comply with the restrictions under Natura 2000 site requirements	MARD, APDRP, MEF, Natura 2000 site administrators/custodians	2012 – 2013	16.1 million	State Budget, EFARD	High	% of total amount paid to the landowners
B.23	Payment of compensation to the forest owners who comply with the harvesting restrictions in forests with protective functions of national interest (T1, T2)	MEF	2012 – 2020	5,000,000/year	State Budget, EFARD	High	% of total amount paid to the landowners



**table continued**

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
B.24	Development and adoption of the management plans for the natural protected areas	MEF, administrators/ custodians	2012 – 2020	9,000,000	State Budget, SOP Env. EF	Urgent	No. of approved management plans
B.25	Assessment of the necessary management plan implementation costs	administrators/ custodians of natural protected areas	2012 – 2014	-	Own resources	High	Achieved/ not achieved
B.26	Updated study of old growth forests, review and inclusion thereof in natural protected areas, preferably in areas of strict protection regime	MEF	2012 – 2013	500,000	State Budget	Medium	Area of old growth forests included in natural protected areas
B.27	Revised boundaries of the Retezat and Pietrosul Rodnei biosphere reserves	MEF, RNP	2012	20,000	RNP, external funds	Medium	Achieved/ not achieved
B.28	Designation of new protected areas of international interest, (Ramsar sites, biosphere reserves, world heritage sites).	MEF	2012 – 2020	-	Own resources	Medium	New PA of international importance designated
B.29	Harmonisation of the transboundary protected area management measures with those of the neighbouring countries	MEF, administrators	2012 – 2013	600,000	PA administrators, SOP Env., trans-boundary programs	Medium	No. of PA with common management measures established
B.30	Training among administrators and custodians for implementing best adaptive management of natural protected areas	MEF, administrators/ custodians, NGOs	2012 – 2015	500,000	SOP Env. SOP HRD	High	% of trained sta!
B.31	Development of volunteer network for biodiversity monitoring	MEF	2012 – 2020	200,000/ year	State Budget, EF	Medium	No. of monitoring schemes

## table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
B.32	Evaluation of PA management efficacy	MEF, administrators/ custodians	2012 – 2020	-	Own resources	Medium	Results available through the CHM
B.33	Establishment of the Speological Heritage Commission	MEF, NGO	2012	-	Own resources	Medium	Achieved/ not achieved
B.34	Establishing the cavity classification norms in implementing EGO 57/ 207 on the regime of protected natural areas, the conservation of natural habitats and wild flora and fauna as amended	MEF, RSF	2012	-	Own resources	Medium	Achieved/ not achieved
B.35	Classification of all cavities and establishment of the legal status, by law	MEF, administrators/ custodians, NGOs	2012-2020	80,000/ year	State Budget, EF	Medium	No. of classified cavities
B.36	Providing visitor infrastructure in some cavities for educational purposes, for the protection of local ecosystems	administrators/ custodians, NGOs, local govt.	2012 – 2020	4,500,000	SOP Env., Leader	Medium	No. of protected/ developed cavities
B.37	Providing a special protection regime for the IFLs	MEF	2012 – 2012	50,000	EF	High	Achieved/ not achieved
<b>C.</b>	<b>PROVIDING GOOD SPECIES CONSERVATION STATUS OF PROTECTED WILDLIFE</b>						
C.1	Updating the annexes of EGO 57/ 2007 listing species of national interest	MEF	2012 – 2015	-	Own resources	Medium	Achieved/ not achieved
C.2	Development and adoption of specific regulations and the appropriate institutional framework to ensure good conservation status to the strictly protected species of community importance and to protected species of national interest outside natural protected areas	MEF, AR, MERYS	2012 – 2012	200,000	State Budget	High	No. of species regulated

**table continued**

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
C.3	Development and updating of the National Red Lists and Books of wild flora and fauna	MEF, MERYS	2012 – 2020	1,500,000	State Budget	High	No. of lists developed/ updated
C.4	Adoption, through a legal instrument, of the National Red Lists of wild flora and fauna	MEF	2012 – 2020	-	Own resources	High	No. of lists adopted
C.5	Setting up legal mechanisms allowing costs of repatriation of confiscated species and of maintaining them before repatriation to be borne by the offenders/ criminals	MEF, NEG	2012	-	Own resources	High	Achieved/ not achieved
C.6	Establishment of 5 special centres to house confiscated wildlife, based on a feasibility study to establish their locations and structure	MEF, NEG, NGO	2012 – 2013	2,600,000	State Budget, EF	High	No. of centres
C.7	Designation and set up of mechanisms allowing the environmental and customs authorities to identify specimens of protected species harvested/ captured, procured or traded, or parts thereof in live and processed forms	MEF, MERYS, RA	2012 – 2012	-	Own resources, State Budget	Low	Achieved/ not achieved
C.8	Implementation of mechanisms allowing the environmental and customs authorities to identify specimens of protected species harvested/ captured, procured or traded, or parts thereof in live and processed forms	MEF	2013 – 2020	100,000/ year	State Budget	Low	No. of cases solved



## table continued

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
C.9	Review of the conservation status of protected species and selection of species requiring National Conservation Action Plans (NSCAPs)	MEF, MERYS, RA	2012 – 2012	250,000	State Budget	High	List of species for the development of Action Plans
C.10	Development of NSCAPs for the identified priority species	MEF, MERYS, RA, NGO	2012 – 2015	5,000,000	EF, external funds	High	No. of action plans
C.11	Implementation of NSCAPs for 15 of the priority species	MEF, administrators/ custodians, NGOs, scientific bodies, universities, etc.	2013 – 2020	Not estimated	State Budget, EF	High	No. of implemented plans
C.12	Development of NSCAPs for medium priority species	MEF, MERYS, RA, NGO	2015 – 2020	5,000,000	EF, external funds	Medium	No. of NSCAPs
C.13	Ratification of AEWA amendments	MEF, MEA	2012	-	Own resources	High	Achieved/ not achieved
C.14	Ratification of EUROBATS amendments	MEF, MEA	2012	-	Own resources	High	Achieved/ not achieved
<b>D.</b>	<b>SUSTAINABLE USE OF BIOLOGICAL DIVERSITY COMPONENTS</b>						
D.1	Assessment and establishment of the economic value of biodiversity components and ecosystem services	MEF	2012 – 2013	1,000,000	State Budget, EF, external funds	Medium	Biodiversity components with value estimations
D.2	Development and adoption of methodologies to include the value of biodiversity in the cost/ benefit analyses of the feasibility studies and business plans	MEF	2014 – 2016	50,000	State Budget, EF, external funds	High	No. of developed and approved methodologies

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D.3	Development and adoption of eco-labelling schemes based on the lifecycle analysis of products that may affect biodiversity by their manufacturing, distribution, use or storage	MEF	2012 – 2012	500,000 (?)	State Budget, EF, external funds	Medium	No. of Eco-labelling schemes
D.4	Establishing incentives for the sustainable use of biodiversity components and removal of those with a negative impact	MEF	2012 – 2013	50,000	State Budget, EF, external funds	Medium	No. of useful incentives, no. of discarded incentives
D.5	Establishment and adoption of the national Plan for wetland and degraded area restoration	MEF	2012 – 2012	800,000	State Budget, EF, external funds	High	Achieved/ not achieved
<b>D1.</b>	<b>LAND-USE DEVELOPMENT</b>						
D1.1	Adoption of an architectural policy in Romania stressing on the culture of a natural and built environment and the quality of life	MRDT, OAR, MCNH, MEF	2012	-	Own resources	Urgent	Achieved/ not achieved
D1.2	Implementation of provisions on landscape and natural heritage into the legislation in force	MEF	2012	-	Own resources	High	Achieved/ not achieved
D1.3	Updating Appendix III to Law No. 5/2000 on and use development, revision of Article 7 to establish implementation deadlines and penalties	MEF, MRDT, MCNH	2012	-	Own resources	High	Achieved/ not achieved
D1.4	Clarification of responsibilities and competences in enforcing punishments for non-compliance with discipline in building	MEF, MRDT	2012 – 2012	-	Own resources	High	Achieved/ not achieved

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D1.5	Development of Landscape Identification and Assessment Guidelines	OAR	2012	300,000	EF, external funds, OAR	High	Achieved/ not achieved
D1.6	Inventory and assessment of cultural, natural and mixed landscapes in Romania	MEF, MRDT	2012 – 2015	1,500,000	OAR, ROP, Axis 5.1	High	% of the country area inventoried and assessed
D1.7	Classification of natural, cultural and mixed landscapes of national importance	MEF, OAR	2013 – 2014	-	Own resources	Medium	In % of total landscapes inventoried
D1.8	Development of regulations for the management of natural, cultural and mixed landscapes	MEF, OAR	2015 – 2020	500,000	OAR, own resources	Medium	No. of regulations completed
D1.9	Development of local policies on landscape and integration with the other local sectoral policies	EPAs, local govt. authorities, OAR branches	2015 – 2020	-	Own resources	Medium	No. of local govt. authorities integrating landscape policies with land use development
D1.10	Development of a natural and cultural landscape impact assessment procedure for projects funded from Structural and Cohesion Funds to accept for funding only projects that do not impact the landscape	SOP MAS	2012	-	Own resources	High	No. of SOPs integrating the obligation to preserve the landscape
D1.11	Action plans for the reconstruction and/ or restoration of degraded and/ or ruined landscapes	MEF, MRDT	2015 – 2020	-	Own resources	Medium	% of degraded/ ruined landscape area for which action plans are developed

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D1.12	Studies to identify and assess species and their habitats in the urban environment	Local govt. authorities, NGOs, OAR, architecture and urbanism universities	2012 – 2015	15,000/ locality	Local budgets, OAR stamp fee, NGO funding lines	Medium	No. of localities developing such studies
D1.13	Integration of the studies into the Masterplans	Local govt. authorities, OAR	2015 – 2020	-	Own resources	Low	No. of Masterplans integrating the studies
D1.14	Fiscal mechanisms to encourage the use of the existing built assets rather than new buildings	Local government authorities	2012 – 2013	-	Own resources	Medium	No. of mechanisms set up
D1.15	Fiscal mechanisms (subsidies, tax breaks) for terrace roof greening	Local government authorities	2012 – 2013	-	Own resources	High	No. of mechanisms set up
D1.16	Revision of Law No. 24/ 2007 on regulating and managing green spaces within the localities to include the obligation to green terrace roofs and redefine the concept of green space, based on the natural water cycle	MEF	2012	-	Own resources	High	Achieved/ not achieved
D1.17	Development of standards for green spaces (species of plants recommended for various uses – tree lines, green terraces, parks, traffic islands, etc.)	MEF, universities, schools of architecture and horticulture ASAS	2012 – 2013	20,000	OAR	Medium	Achieved/ not achieved

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D1.18	Adoption of the Romanian Architectural Policy and ensure consistency of the land use development, urbanism, local development and biodiversity conservation policies	MRDT, MEF, MCNH, OAR	2012	-	Own resources	Urgent	Achieved/ not achieved
<b>D2.</b>	<b>FOREST MANAGEMENT</b>						
D2.1	Inclusion of relevant biodiversity conservation aspects into the technical norms for developing forest management units	MEF	2012	-	Own resources	Medium	Approved norms
D2.2	Institutional capacity building for forestry enforcement	MEF	2012 – 2013	-	Own resources	High	No. of positions created in the ITRSV, No. of equipment, No. of trained sta!
D2.3	Improvement of the legal and regulatory framework and correlation with biodiversity conservation regulations	MEF	2012	-	Own resources	Medium	Achieved/ not achieved
D2.4	Improvement of the legal framework for the management of private forests and compensation granting	MEF	2012 – 2012	-	Own resources	High	Achieved/ not achieved
D2.5	Economic assessment of the protection functions of forests	MEF	2012	100,000	State Budget	High	Achieved/ not achieved
D2.6	Increased share of natural regeneration by applying appropriate intensive treatment	MEF	2012 – 2020	-	Own resources	High	% of natural regeneration
D2.7	Identification of harvested and not regenerated forestry land	MEF	2012	-	Own resources	High	% of identified land



TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D2.8	Enlargement of forest land and other categories of forest vegetation, including on degraded land outside the forestry stock	MEF	2012 – 2020	500,000,000	State Budget, EF, EFARD	High	No. of ha extension
<b>D3.</b>	<b>AGRICULTURE</b>						
D3.1	Assessment of the positive versus negative impacts of agricultural policies and practices in relation to biodiversity conservation	MEF, MARD	2012 – 2013	100,000	State Budget	High	No. of farming practices assessed
D3.2	Update and adoption of the existing norms and guidelines to include agricultural best practice in the sustainable use of agri-biodiversity	MEF, MARD	2012 – 2013	-	Own resources	High	No. of updated norms and guidelines
D3.3	Assessment of the impact of the current incentives/ subsidies/ state aid on biodiversity conservation, in order to identify and discard the perverse ones	MEF, MARD	2012 – 2012	-	Own resources	High	Achieved/ not achieved
D3.4	Development of further incentives and appropriate fiscal mechanisms for biodiversity conservation	MEF, MARD	2012 – 2013	-	Own resources	High	No. of fiscal incentives, and mechanisms developed
D3.5	Assessment of the capacity of various agricultural production systems for agri-biodiversity conservation and sustainable use of resources, that foster economic efficiency	MEF, MARD	2012 – 2014	10,000/ study	State Budget, EF, external funds	Medium	No. of production systems assessed

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D3.6	Investigation of agri-biodiversity uses in the sustainable development of agricultural systems that help improve living standards, also ensuing improvement of the state of biodiversity, by conserving the most useful and vulnerable species	MEF, MARD	2012 – 2013	300,000	State Budget, EF, external funds	Low	Achieved/ not achieved
D3.7	Evaluation and characterisation of local strands, hybrids and breeds to identify those with high potential to adapt to climate change	MARD	2012 – 2013	300,000	State Budget, EF, external funds	Medium	No. of local strands, hybrids and breeds with high potential to adapt to climate change
D3.8	Expansion of agri-forest-pastoral systems to areas of high risk of aridisation	MEF, MARD, MRDT	2012 – 2020	10,000/ ha	State Budget, EF, EFARD. LIFE+	High	Area extension of agri-forest-pastoral systems
D3.9	Development of national level studies of the current fragmentation of farming plots, the causes and consequences of such fragmentation	MARD	2012 – 2012	-	Own resources	High	Achieved/ not achieved
D3.10	Development of national level studies of land conversion, types of land uses replaced, type of land replacing traditional uses	MARD	2012 – 2013	-	Own resources	High	Achieved/ not achieved
D3.11	Assessment studies on bio-diesel, ethanol and biomass crop impacts on biodiversity	MEF	2012 – 2013	-	Own resources	High	Achieved/ not achieved
D3.12	Inventory of native breeds and adoption thereof under a regulation	MARD	2012 – 2012	-	Own resources	High	Achieved/ not achieved

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D3.13	Creation of mechanisms to promote the type approval and use of native breeds and strains	MARD	2012 – 2013		Own resources	High	Achieved/ not achieved
D3.14	Development of a national strategy for the testing, cultivation and use of genetically modified organisms	MEF, MARD	2012 – 2012	200,000	Own resources	High	Achieved/ not achieved
<b>D4.</b>	<b>HARVESTING OF WILD SPECIES OF ECONOMIC VALUE</b>						
D4.1	Set up and approval of technical norms and standard methodologies for the assessment of wildlife species of economic interest in their natural environment	MEF, MARD	2012 – 2012	30,000	State Budget	High	No. of technical norms and standard methodologies approved
D4.2	Set up and approval of techniques/methods of harvesting/ capturing wildlife species of economic interest	MEF, MARD	2012 – 2012	30,000	State Budget	High	No. of species with harvesting/ capturing techniques/ methods approved
D4.3	Annual assessment of the conservation status of species with economic value	MEF, MARD	2012 – 2020	500,000/ year	State Budget	Medium	No. of species assessed/ year
D4.4	Updated Fishing Management Program	MARD, MEF	2013 – 2015	-	Own resources	Medium	Achieved/ not achieved
D4.5	Improved enforcement of the regulations on assessing the numbers of individuals of species of economic interest	MEF	2012 – 2020	-	Own resources	High	No. of inspections
D4.6	Strengthening enforcement in harvesting/ capturing and trade in species of economic value	MEF	2012 – 2020	-	Own resources	High	No. of inspections

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
<b>D5.</b>	<b>TOURISM</b>						
D5.1	Development and adoption of the Good Practice Guidance for sustainable tourism development	MEF, MRDT	2012 – 2013	200,000	State Budget, EF, external funds	Medium	Achieved/ not achieved
D5.2	Integration of a dedicated chapter on the conservation and sustainable capitalisation of landscapes into the Tourism Masterplan 2007-2026 and into the tourism development policies	MRDT	2012	-	Own resources	Low	Achieved/ not achieved
D5.3	Development of financial mechanisms for the contribution of the tourism sector to biodiversity and landscape conservation	MEF, MRDT	2012 – 2013	-	Own resources	High	No. of financial mechanisms set up
D5.4	Implementation of eco-labelling systems for tourist accommodation services	MEF, MRDT	2012 – 2015	-	Own resources	Medium	No. of tourist facilities and agents adopting the eco-labelling schemes
D5.5	Set up and adoption of local facilities for tourism businesses implementing eco-labelling systems	MEF, MRDT	2012 – 2013	-	Own resources	Medium	No. of mechanisms adopted
<b>D6.</b>	<b>TRANSPORT, ENERGY AND USE OF NON-RENEWABLE RESOURCES</b>						
D6.1	Development of financial mechanisms for the contribution of the energy and non-renewable resource (other than fossil fuels) sectors to biodiversity and landscape conservation	MEF, MCMA	2012 – 2013	-	Own resources	High	No. of financial mechanisms set up

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
D6.2	Inclusion of biodiversity conservation considerations into the technical norms for calculating the biological baselows	MEF	2012 – 2012	-	Own resources	High	Achieved/ not achieved
D6.3	National study to identify the areas of windfarm development bans, based on major impacts on biodiversity	MEF	2012 – 2013	50,000	State Budget	Urgent	Achieved/ not achieved
D6.4	National study to identify the areas of hydro-power development bans, based on major impacts on biodiversity	MEF	2012 – 2013	50,000	State Budget	High	Achieved/ not achieved
D6.5	Assessment of how the current road network fragments the natural habitats of wildlife species of conservation value and proposed solution to reduce/ Control fragmentation (ecoducts, fauna bridges, etc.)	MEF, MTI	2012 – 2016	300,000	Environmental Fund	Low	% of transport infrastructure length assessed
D6.6	Development and adoption of regulation on SUV (cars, motorcycles, ATVs), aquatic (scooters, powerboats), snow vehicle (snow mobile) tra"c	MEF	2012	-	Own resources	Urgent	Achieved/ not achieved
D6.7	Adoption of specific regulations to consider biodiversity conservation under article 55 and 56 of the Air Law	MEF, MTI	2012	-	Own resources	High	Achieved/ not achieved
<b>E.</b>	<b>EX SITU CONSERVATION</b>						
E.1	Assessment of the operations of gene banks, captive wild animal keeping facilities and collections of wild plants (seed banks, botanical gardens, tree stands, tree parks, etc.)	MEF, MARD, MERYS	2012 – 2013	-	Own resources, State Budget	Low	Achieved/ not achieved

TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
E.2	Inventory and assessment of the conservation status of local native species, strands, hybrids and breeds used in agriculture and industry	MARD	2012 – 2014	500,000	State Budget	Medium	No. of species, hybrids and breeds inventoried and assessed
E.3	Set up and adoption of new zoo standards, in consideration of their role in wildlife species conservation and education	MEF, NGOs	2012 – 2013	-	Own resources	High	Achieved/ not achieved
<b>F.</b>	<b>CONTROL OF INVASIVE ALIEN SPECIES</b>						
F.1	National list of invasive species	MEF, MERYS, RA	2012 – 2013	300,000	State Budget, EF	High	Achieved/ not achieved
F.2	Development and maintenance of a register and database of alien species	MEF	2012	100,000	Own resources	Medium	No. of species entered
F.3	Development of a Common Sectoral Plan for the assessment based on rigorous scientific knowledge, of the behaviour of alien species in the Romanian soil-climate conditions, in order to establish a framework (guidelines) for the development of procedures	MEF, MARD	2012 – 2020	100,000	State Budget, external funds	High	Achieved/ not achieved
F.4	Development and adoption of technical norms on the introduction and control of alien species from neighbouring and/ or exotic areas	MEF, NEG, AV	2012	-	Own resources	High	Achieved/ not achieved
F.5	Ratification of the Convention on Ballast Water Management (BWM) and development of further implementation measures	MEF, MTI, MAE	2012	-	Own resources	High	Achieved/ not achieved

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
F.6	Development of administrative mechanisms for the monitoring of alien species introduced for economic purposes	MEF, MECBE	2012 – 2014	-	Own resources	Medium	Achieved/ not achieved
F.7	Setting up of a reporting mechanism and/ or surveillance line for the most endangered taxons or species used as pets, to tag the accidental or deliberate introduction into the wild	MEF	2012 – 2012	-	Own resources	Medium	No. of species with mechanisms set up
F.8	Mandatory monitoring of bilge waters and fouling on boats discharging bilge water or careening in harbours, and of sediments on the bottom of bilge tanks where resistance forms may develop	MEF	2012 – 2012	-	Own resources	Medium	Achieved/ not achieved
F.9	Publicly accessible databases with information on the risks associated to intentionally species introduced for various purposes	MEF, MERYS, RA	2012 – 2013	-	Own resources, State Budget	Medium	Achieved/ not achieved
F.10	Strict monitoring of alien species introduced for aquaculture that may spread and naturalise into aquatic ecosystems	MEF, MARD	2012 – 2020	Not estimated	Aquatic resource administrators	Medium	No. of species and locations monitored
F.11	Development of management plans for maximum risk pathways	MEF	2012 – 2013	500,000	Own resources, external funds	High	No. of developed plans
F.12	Implementation of management plans for maximum risk pathways	MEF	2013 – 2020	Not estimated	Own resources	High	No. of plans implemented

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
F.13	Assessment of the risks of invasive species over native species in order to identify and prioritise management options thereof	MEF	2012 – 2013	60,000	Own resources, external funds	High	Achieved/ not achieved
F.14	Development of monitoring indicators of invasive species impacts	MEF	2012 – 2013	20,000	Own resources, external funds	Medium	No. of indicators developed
F.15	Development of methods/ methodologies to limit, control and eradicate alien invasive species	MEF	2012 – 2013	100,000	Own resources, external funds	Medium	No. of developed methodologies
<b>G.</b>	<b>ACCESS TO GENETIC RESOURCES AND FAIR DISTRIBUTION OF BENEFITS IN THE USE OF SUCH RESOURCES (ABS)</b>						
G.1	Preparation of a legal and institutional framework for the implementation of the Protocol on the ABS regime	MEF, MARD, MERYS	2012 – 2012	-	Own resources, State Budget	High	Achieved/ not achieved
G.2	Adopting and implementing the Bonn guidelines	MEF, MARD, MERYS	2012	-	Own resources, State Budget	Low	Achieved/ not achieved
G.3	Development of a legal framework and the necessary financial mechanisms for the recognition of intellectual property rights on access to genetic resources and traditional ways of using genetic resources	MEF, MARD, MECBE/ OSIM	2012 – 2015	-	Own resources	High	Achieved/ not achieved



TABLE CONTINUED

	Actions	Responsible institutions	Period	Budget (EUR)	Funding sources	Priority	Reporting indicators
G.4	Establishing monitoring indicators for ABS implementation	MEF	2012-2013	-	Own resources	Medium	Achieved/ not achieved
<b>H.</b>	<b>SUPPORT AND PROMOTION OF TRADITIONAL KNOWLEDGE, INNOVATION AND PRACTICES</b>						
H.1	Adopting the Cologne guidelines	MEF, MARD, MERYS	2012	-	Own resources, State Budget	Medium	Achieved/ not achieved
H.2	Inventory of traditional natural resource use practices and assessment of their impact on biodiversity conservation	MEF, MARD, MCNH, MERYS	2012 – 2012	Not estimated	Own resources, State Budget	Medium	Achieved/ not achieved
H.3	Development of regulations on intellectual property rights for traditional knowledge and methods of genetic resources use	MEF, MARD, OSIM	2012 – 2015	-	Own resources	Medium	Achieved/ not achieved
H.4	Setting up mechanisms for the promotion of the use of traditional practices for the sustainable use of natural resources	MEF, MARD	2013 – 2015	-	Own resources	Medium	No. of financial mechanisms set up
<b>I.</b>	<b>DEVELOPMENT OF SCIENTIFIC RESEARCH AND PROMOTION OF TECHNOLOGY TRANSFER</b>						
I.1	Development of the National Taxonomy Program	MERYS	2012 – 2013	-	Own resources	High	Achieved/ not achieved
I.2	Creating incentive mechanisms for researchers specialising in taxonomy	MERYS, universities research institutes, museums	2012 – 2014	-	Own resources	Urgent	No. of institutions with mechanisms established

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
I.3	Development of species and natural habitat determination guidelines, field guidebooks and atlases for Romania	universities research institutes, museums, professional NGOs	2012 – 2020	300,000/year	State Budget, earmarked research funds	High	No. of determinators/ guidebooks/ atlases developed
I.4	Integration of dedicated programs into the existing funding lines for biodiversity conservation, with the view of supporting applied research in establishing the methods and techniques for the mitigation of climate change impacts on genetic resources	MEF, MERYS	2012 – 2012	-	Own resources	High	No. of programs set up
I.5	Integration of the ecosystem approach into the National Strategy for Research, Development and Innovation	MEF, MERYS	2012 – 2013	-	Own resources	High	Achieved/ not achieved
I.6	Development of a database to integrate the results of studies and research funded from public sources in biodiversity conservation	MERYS	2012 – 2014	-	Own resources, State Budget	Low	Achieved/ not achieved
I.7	Needs assessment for the transfer of technology in the conservation and sustainable use of biological diversity	MEF, MERYS, MARD, MTI, MECBE	2012 – 2013	-	Own resources, State Budget	Medium	No. of necessary technologies
I.8	Setting up of mechanisms to facilitate the transfer of new technologies in the conservation and sustainable use of biological diversity	MEF, MERYS, MARD, MTI, MECBE	2013 – 2015	-	Own resources, bugetul de stat	Medium	No. of partnerships set up

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
I.9	Setting up of mechanisms to facilitate the patenting of new technologies in the conservation and sustainable use of biological diversity	MEF, MERYS, MARD, MTI, MECBE	2013 – 2015	-	Own resources, State Budget	Medium	No. of patents
I.10	Setting up mechanisms to facilitate access to community funds for eco-innovation in support of the ETAP roadmap	MEF, MECBE, MRDT, MERYS, ANCS, AN-RMAP, EF, INCDPM, ECOIND, CCIR	2012 – 2013	-	Own resources, State Budget	Medium	Amounts accessed
I.11	Implementing molecular technologies in routine analyses to characterise species of conservation concern, invasive species, etc.	Universities, research Institutes	2012 – 2020	Not estimated	State Budget, earmarked research funds	High	Nucleotide sequences (bar codes) publications
<b>J.</b>	<b>PUBLIC COMMUNICATION, EDUCATION AND AWARENESS RAISING</b>						
J.1	Establishing an internal communication strategy among environmental authorities	MEF	2012 – 2012	50,000	State Budget	High	Achieved/ not achieved
J.2	Implementation of the CEPA Action Plan	MEF	2012 – 2015	Not estimated	State Budget, EF, SOP Env., external funds	High	Achieved/ not achieved

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
<b>J.3</b>	<b>Designation of focal points for the management of information on biodiversity conservation for all the stakeholders</b>	<b>MEF, MARD, MERYS, MRDT, MAI, MEA, MND, MCNH, MRSE, MECBE, MPF, MTI, MMFPS and subordinated units</b>	<b>2012 – 2012</b>	<b>-</b>	<b>Own resources</b>	<b>High</b>	<b>No. of authorities with designated focal points</b>
<b>J.4</b>	<b>Establishing a functional communication network among those in charge of biodiversity conservation in the central and local environmental public authorities</b>	<b>MEF, MARD, MERYS, MRDT, MAI, MEA MND, MCNH, MRSE, MECBE, MPF, MTI, MMFPS and subordinated units, local govt. authorities</b>	<b>2012 – 2015</b>	<b>-</b>	<b>Own resources</b>	<b>High</b>	<b>No. of consultations, No. of decisions made base on information sharing</b>
<b>J.5</b>	<b>Assessment of local community involvement in major decision making for natural protected area management</b>	<b>MEF, administrators/ custodians</b>	<b>2012 – 2020</b>	<b>-</b>	<b>Own resources</b>	<b>Medium</b>	<b>No. of participants in public hearings on plans/ projects in natural protected areas</b>

TABLE CONTINUED

	<b>Actions</b>	<b>Responsible institutions</b>	<b>Period</b>	<b>Budget (EUR)</b>	<b>Funding sources</b>	<b>Priority</b>	<b>Reporting indicators</b>
J.6	Setting up an incentive mechanism for voluntary involvement in support of biodiversity conservation activities	MEF, administrators/ custodians, NGOs, mass media	2012 – 2012	-	Own resources	Medium	No. of initiatives, No. of volunteers
J.7	Development of school curricula (primary, middle and high school level) for mandatory introduction of basic biological diversity concepts and the importance of conservation	MERYS	2012 – 2013	-	Own resources	Low	No. of curricula containing subjects related to biodiversity conservation
J.8	Development of school, undergraduate, graduate and lifelong education training programs in the area of natural capital conservation	MERYS, ARACIS	2012 – 2013	-	Own resources	Medium	No. of training curricula developed
J.9	Maintenance and ongoing updating of the CBD CHM	MEF	2012 – 2020	-	Own resources	High	Achieved/ not achieved

[PDF to Word](#)