



## **ANNEX 4**

# **MATRIX OF THREATS AND MEASURES**

THREATS														
whose negative effects are minimized by measures														
	Climate change			Human activity									Climate change / Human activity	
	The pace of increase in global temperature	Droughts and snow cover changes	Extreme weather conditions related to intense precipitation and strong winds	Fragmentation and isolation of habitats and populations	Logging and removal of dead trees	Unsustainable development of tourism	Housing development in the buffer zone	Unauthorized use of resources	Interference and disturbance caused by human presence	Pollutant emissions	Migration crisis	Barrier on the Polish-Belarusian border	Fire hazard	Spread of alien species
Objective 1. Preservation of undisturbed ecological processes	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 1.1.1 Providing passive protection for ecological processes in the Site zones	X	X	X	X	X	X	X	X	X	X			X	X
Measure 1.2.1 Development of scientific exploration principles for the entire area of the Site, conducting and supporting scientific research	X	X	X	X	X			X	X	X		X		X
Measure 1.3.1 Monitoring of abiotic and biotic factors	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 1.4.1 Taking into account climate change and its effects in decision-making processes occurring in the Site	X	X	X	X			X	X	X	X	X		X	X
Objective 2. Protection of biological diversity at all levels (ecosystem, species and genetic) and its important habitats	X	X	X	X	X	X	X	X	X	X			X	X
Measure 2.1.1 Implementation of the Conservation Plan for the Białowieża National Park	X	X	X	X	X	X	X	X	X	X			X	X
Measure 2.1.2 Implementation of nature conservation plans in the Natura 2000 Białowieża Forest PLC 200004 area (outside the Białowieża National Park)	X	X	X	X	X	X	X	X	X	X			X	X
Measure 2.1.3 Implementation of nature conservation plans in the Białowieża Forest reserves	X	X	X	X	X	X	X	X	X	X			X	X

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Measure 2.2.1 Ensuring compatibility of conservation objectives of the Białowieża Forest World Heritage Site for various forms of area and species protection	X	X	X	X	X	X	X	X	X	X			X	X
Measure 2.3.1 Protection of water resources in the Białowieża Forest	X	X		X				X	X				X	
Measure 2.3.2 Protection of wild pollinators				X				X	X					X
Objective 3. Maintaining the integrity of the Site as a whole	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 3.1.1 Preparation of a draft of amendments to the applicable national law to improve the management of the Site	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 3.1.2 Support for the development of tools for managing nature and World Heritage sites on the international stage											X	X		
Measure 3.2.1 Preventing habitat fragmentation and alienation within the Site				X	X			X	X			X		X
Measure 3.2.2 Development and promotion of implementation of guidelines for eliminating existing and anticipated barriers contributing to the fragmentation and alienation of habitats within the Site				X	X			X	X			X		X
Measure 3.3.1 Taking into account the protection and functioning of ecological corridors in planning documents and administrative decisions of the Białowieża Forest municipalities				X		X	X	X				X		X

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Measure 3.3.2 Promoting the preservation and creation of mosaic-like natural structures that facilitate species migration in the buffer zone and the wider surroundings of the Site				X		X		X				X		X
Objective 4. Promoting and supporting cooperation between international, national and local entities				X		X		X	X	X	X	X		
Measure 4.1.1 Development of a cooperation programme between local, national and international entities in the area of preservation of the natural world heritage								X	X		X	X		
Measure 4.2.1 Development of a financial support mechanism for cooperation initiatives for the Site						X		X	X					
Measure 4.2.2 Development of financial support mechanisms for local entities with respect to the protection of the Site and sustainable development of the Białowieża Forest municipalities				X	X	X	X	X	X	X				
Measure 4.3.1 Organizing regular seminars (conferences) to strengthen cooperation and exchange experiences	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 4.3.2 Establishment and operation of a forum for the Site	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Objective 5. Establishing conditions for the sustainable development of the Białowieża Forest municipalities	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Measure 5.1.1 Development of principles for the sustainable use of the Site and their dissemination				X	X	X	X	X	X	X	X		X	X
Measure 5.2.1 Implementation of expert support for public administration in development planning and decision-making processes				X		X	X	X	X	X	X	X	X	X
Measure 5.2.2 Consultations in the preparation of projects for sustainable socio-economic development of municipalities and environmental protection						X	X	X		X	X	X		
Measure 5.3.1 Development of an integrated strategy for the sustainable development of the Białowieża Forest municipalities				X		X	X	X		X	X	X		
Measure 5.3.2 Development of a supra-local tourism development strategy for the Białowieża Forest area				X		X	X	X		X	X	X	X	
Measure 5.4.1 Support for activities aimed at improving the quality of the environment in the vicinity of the Białowieża Forest	X	X	X	X	X	X	X	X	X	X	X	X		X
Measure 5.4.2 Social integration and intergenerational leisure services						X		X	X				X	X
Measure 5.4.3 Implementation of green public procurement								X		X				
Objective 6. Strengthening the identity and pride of local communities based on knowledge about the natural, cultural and historical values of the Białowieża Forest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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<b>Measure 6.1.1</b> Protection of the intangible heritage of the Białowieża Forest and spreading its awareness						X	X	X	X	X	X			
<b>Measure 6.1.2</b> Protection and promotion of cultural assets and the landscape of the Białowieża Forest				X	X	X	X	X	X	X	X	X	X	X
<b>Measure 6.2.1</b> Trainings for public administration and consulting in the field of local community participation in decision-making processes						X	X	X	X					
<b>Measure 6.3.1</b> Local platform for the exchange of information on economic activity, including tourism inspired by the natural and cultural heritage of the Białowieża Forest area					X	X	X	X	X	X				
<b>Measure 6.3.2</b> Establishing an award for entrepreneurs friendly towards the concept of protection and promotion of the Site						X		X						
<b>Measure 6.4.1</b> Inclusion of the world heritage protection objectives and of information about the Białowieża Forest in the curricula of schools in the Białowieża Forest region	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Objective 7. Conducting natural and cultural education and promoting the World Heritage</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Measure 7.1.1</b> Development of a strategy for environmental and cultural education in the context of the World Heritage protection objectives, including the Białowieża Forest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Measure 7.2.1</b> Establishment of a World Heritage Site Centre	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Measure 7.2.2 Dissemination of knowledge about the Site and its importance for present and future generations	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 7.3.1 Providing education about the Site to public administration employees	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Measure 7.3.2 Creation and maintenance of an educational path dedicated to Outstanding Universal Value	X	X	X	X		X		X	X				X	X
Objective 8. Using the unique value of the World Heritage Site to promote the Białowieża Forest region						X	X	X	X		X			
Measure 8.1.1 Development of visual identification for the Białowieża Forest municipalities and creation of incentives for adopting landscape resolutions						X	X	X	X					
Measure 8.1.2 Promotion and development of tourism in the Białowieża Forest municipalities using visual identification						X	X	X	X		X			