

FOREST EUROPE

UN ECONOMIC COMMISSION FOR EUROPE

FOOD AND AGRICULTURE ORGANIZATION



Food and Agriculture
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United Nations



UNECE

Reporting format for progress towards Goals for European Forests and the European 2020 Targets for Forests and Questionnaire on the pan-European Qualitative Indicators for Sustainable Forest Management

FOREST EUROPE/UNECE/FAO

Reporting format for progress towards Goals for European Forests and the European 2020 Targets for Forests and Questionnaire on the pan-European Qualitative Indicators for Sustainable Forest Management

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Introduction

In 2011, in the Oslo Ministerial Decision; European Forests 2020, ministers responsible for European forests made a number of commitments, notably the Goals for European Forests and the European 2020 Targets for Forests. The eighth Ministerial Conference on the Protection of Forests in Europe, to be held in Bratislava in 2020, will review progress towards these goals and targets, as well as carrying out the regular study on the State of Europe's Forests, based on the pan-European criteria and indicators of sustainable forest management. The study will serve as background information to shape political and technical discussions on future opportunities and challenges, and political responses to these developments.

To improve data quality and to reduce the reporting burden, the reporting processes for the goals and targets and for the qualitative indicators of sustainable forest management are being combined, as there is significant overlap in the areas on which information is needed. This enquiry requests information on progress towards the goals and targets, which mostly concern measures and actions at the national level, as well as information on the qualitative indicators on sustainable forest management, which concern legal, institutional, policy, financial and informational instruments. Information provided for this enquiry, combined with the parallel enquiry on the quantitative indicators of sustainable forest management, will provide sufficient information for the State of Europe's Forests 2020, which will also report on progress towards the goals and targets.

This enquiry is structured according to the updated pan-European qualitative indicators for sustainable forest management, as adopted in Annex 1 to the Madrid Ministerial Declaration 2015. In completing the enquiry, you may wish to consult the following sources of information on policies and institutions:

STATE OF EUROPE'S FORESTS 2015:

<http://foresteurope.org/state-europes-forests-2015-report/>

Background information for the updated pan-European indicators for sustainable forest management:

http://foresteurope.org/wp-content/uploads/2016/10/3AG_UPI_Updated_Backgr_Info.pdf

FAO-LEX: <http://faolex.fao.org/faolex>

All FOREST EUROPE members are also members of the UN Forum on Forests, which will also invite members to report, on a voluntary basis, on progress towards the Global Forest Goals and Targets for a report scheduled for 2021. The two processes (global and pan-European) are formally quite separate, but clearly overlap in subject matter. To the extent possible, this reporting format has been designed to reduce the reporting burden, so that respondents may provide the same information in both fora.

For more information please contact Liaison Unit Bratislava
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Deadline for submission: 31 October 2018

Part 1: Reporting on progress towards the Goals for European Forests and the European 2020 Targets for Forests

With regard to the Forest Europe Work Programme 2016-2020, activity 4.2.4, please provide information, following the template below, on the major actions and measures taken in your country to achieve the Goals for European Forests and the European 2020 Targets for Forests. In the interests of analysis and to facilitate the identification of regional trends, please keep your answer short, restricting yourself to the five most important actions or measures, and identifying a maximum of five remaining challenges. If you wish to list more actions, or provide more detail, please do so in a separate message.

Please ensure that all the actions/measures and challenges you list are directly connected to the specific goal or target, and not to more general forest governance measures (which are addressed in the next part of this enquiry).

Goals for European Forests

During the FOREST EUROPE Ministerial Conference held in 2011 in Oslo, Norway, ministers responsible for forests in Europe adopted eight "Goals for European Forests" which are of long term nature. The below questions relate to the progress so far achieved.

Goal I. Sustainable management of all European forests ensures multiple forest functions and enhances lasting provision of goods and services

Please describe a maximum of five major actions and measures taken towards achieving Goal I (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Extended FSC certification for all state-owned forests in 2017 for the next 5 years Introduction of PEFC standards in Croatian forestry for private-owned forests.
Action / Measure 2	Preparation of forest management plans for private-owned forests with the ultimate goal to cover by forest management plans entire forest as well as forest land (regardles to owner structure) in the Republic of Croatia.
Action / Measure 3	Use of EU funds (the Rural Development Programme for the period 2014-2020 and OP "Competitiveness and Cohesion") in the forestry sector with the aim of providing additional incentives for sustainable forest management. Positive impact in Croatia is expected especially in private-owned forests.
Action / Measure 4	According to Forest Act (OG 68/2018): The pan-European criteria for sustainable forest management (Article 9) and the obligations in order to ensure their implementation by respecting at the same time general interest (Article 11) are fully dedicated to accomplishing of the objective: multi-forest functions and enhancing the lasting provision of goods and services. - multiple forest ecosystem services (Art. 4), the Fee for FES (Art. 65) and the definition of activities financed by the Fee for FES (Article 68) recognized the goals of the pan-European criteria for sustainable forest management and are dedicated to accomplishing it. - multi-forest and economic

	functions of the forest (Art. 4), the Fee for FES (Art. 65) and the definition of activities financed by the Fee for FES (Article 68) recognize the goals and are also directed towards its achievement.
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal I (maximum of 100 words per challenge, please)

Challenge 1	Update, preparation and implementation of forestry legislation and policies that timely recognize opportunities and threats in accordance with national and EU priorities (adaptation and mitigation to global climate change, bioeconomy, rural development and depopulation of rural areas, migrations etc.)
Challenge 2	Valorization of forestry and multiple forest ecosystem services as a one of the main pillar of bio economy as well as guarantee of survival and sustainable development of rural areas
Challenge 3	Maintaining and increasing activities and investments related to sustainable forest management as a necessary balance in the context of the reduction of funding accumulated by the Fee for FES. frame of the reduction of accumulated funds through the Fee for FES.
Challenge 4	
Challenge 5	

Goal II. European forests contribute to a green economy, including through increased provision of wood, other forest products and ecosystem services from sustainable sources

Please describe a maximum of five major actions and measures taken towards achieving Goal II (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Use of specialized forest related and cross-sectoral types of operations from the Rural Development Programme such as: M8.6.3 "Marketing of forest wood and non-wood products"; M8.5.2 "Establishment of educational paths, gazebo and other forest
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	infrastructure"; M6 "Development of non-agricultural activities in rural areas" (game tourism, access of non-wood forest products as well as services to the market). Use of specialized forestry and cross-sectoral types of operations from the Rural Development Programme such as: M8.6.3 "Marketing of forest wood and non-wood products"; M8.5.2 "Establishment of educational paths, gazebo and other forest infrastructure"; M6 "Development of non-agricultural activities in rural areas" (game tourism, access of soft forest products and services on the market).
Action / Measure 2	Financing deriving from the Fee for FES (according to the Article 68) shall be used to finance: 1. management works in protective forests and forest land 2. the costs of preparation and approval of forest management plans 3. management works in commercial forests owned by small forest holders, except for works pertaining to harvesting wood and non-wood forest products 4. management works in commercial forests of the public forest holder, the Institution, the Legal Person, medium and large forest holders, namely: a) establishing new forests on unstocked forest land b) remediation and restoration of forests damaged by biotic and abiotic factors c) maintenance of springs, wells and tanks d) protection of forests from harmful organisms and fire 5. demining of forests and forest land 6. scientific and expert studies in the field of forestry 7. fire-fighting activities.
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal II (maximum of 100 words per challenge, please)

Challenge 1	Introduction of general examples of good governance practices related to green economy in forestry sector in the national sectoral policies (FOREST EUROPE and UN FAO Guidelines)
Challenge 2	Transformation of the national economy in terms of switching to the use of biomass /renewable resources (sugar, fiber, oil, etc.) for conversion to energy, chemical products, animal feed, etc. through: - development of new technologies and processes for bioeconomy, - market and competitiveness development in bioeconomy sector, - raising awareness and development of the policies based on full recognizing of importance of the forests, multiple benefits related to the forests, wood and non-wood forest products and services in achieving goal of bioeconomy development. - increasing the level of the cooperation of all stakeholders in the sector.

Challenge 3	
Challenge 4	
Challenge 5	

Goal III. Forest management in Europe is being adapted to changes in climate, forests are healthy and resilient to natural hazards and protected against human-induced threats such as forest fires, and the productive and protective functions of forests are maintained

Please describe a maximum of five major actions and measures taken towards achieving Goal III (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Implementation of M8.5.1 "Conversion of degraded forest stands and forest cultures" which is largely carried out in the karst area by using domestic tree and shrub species creates the prerequisites for sustainable forest management, enrichment of biodiversity, significant reduction of the forest fires threats, erosion and other related disaster events. This type of operation is unique in the EU fund EAFRD and its successful implementation could be an example of good practice at EU level.
Action / Measure 2	Realization of the "FOREST EYE" project with the support of the EU OP „Cohesion and Competition“ by setting up a video surveillance of the forest areas for early detection of forest fire. Supplying of firefighting units with equipment (first response vehicles) by using Fee for FES funds (Article 68).
Action / Measure 3	Implementation of activities within the specific objective 6.iii.3. - "Demining, protection and restoration of forests and forest land in protected and Natura 2000 areas" from OP "Competitiveness and Cohesion" primarily creates the prerequisites for sustainable forest management in NATURA 2000 area by demining mine suspected areas of forests and forest land. Realization of the "NATURAVITA" project - Demining, restoration and protection of forests and forest land in protected and Natura 2000 area in Danube-Drava region.
Action / Measure 4	The obligation of consistent observation and implementation of numerous forest protection activities/obligations are prescribed in the Forest Act, Head 6, Art. 41. and 45. (OG 68/18).
Action /	

Measure 5	
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Please describe a maximum of five major remaining challenges to achieve Goal III (maximum of 100 words per challenge, please)

Challenge 1	Maintaining stable and sustainable financing of forestry works and activities in the circumstances of reducing accumulated funds from the Fee for FES.
Challenge 2	Preparation of detailed climate projections and appropriate medium and long-term models related to the possibilities and frequencies of extreme climatic events and general climate parameters. Capacity building for systematic monitoring of the state of forest ecosystems as a prerequisite for informed planning and implementation of climate change adaptation. Preparation of the model of effects of climate change on forest ecological systems and developing the possibilities of their mitigation and adaptation of forest ecological systems.
Challenge 3	Strengthening of fire-fighting prevention/protection capacity.
Challenge 4	Incorporating of adaptation measures into key forest sector documents.
Challenge 5	Scientific research of the forest trees species and provenances adapted to climate change.

Goal IV. The potential of European forests to mitigate climate change, through carbon sequestration in trees and soils, carbon storage in forest products and substitution of non-renewable materials and energy sources, is utilised to minimise Europe’s ecological footprint without harming the global carbon balance

Please describe a maximum of five major actions and measures taken towards achieving Goal IV (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Implementation of M8.6.1 "Modernization of technologies, machinery, tools and equipment for wood harvesting and forestry works" and M8.6.2 "Modernization of technologies, machines, tools and equipment for pre-industrial wood processing" from the RDP for the period 2014-2020 is creating preconditions for better mobilization and processing of forest biomass for the market by using energy-efficient machinery and modern technologies that contribute optimally to the goal.
Action / Measure 2	

	<p>Short rotation coppices Law (OG 15/18) aims to create conditions for the production of biomass from forest species short rotation coppices as a legitimate renewable and environmentally acceptable energy source on the principles of economic sustainability, social responsibility and ecological acceptance. Implementation of M8.6.1 "Modernization of technologies, machinery, tools and equipment for wood harvesting and forestry works" and M8.6.2 "Modernization of technologies, machines, tools and equipment for pre-industrial wood processing" from the PRR for the period 2014-2020 are creating preconditions for better mobilization and processing of forest biomass for the market by using energy-efficient and technologically more efficient machines and technologies that contribute optimally to the goal. The Law on Timbered Crops (NN 15/2018), which aims to create conditions for the production of biomass from culture as a renewable and environmentally acceptable energy source on the principles of economic sustainability, social responsibility and ecological acceptance. Zakon o drvenastim kulturama kratkih ophodnji (NN 15/2018) kojem je cilj stvaranje uvjeta za proizvodnju biomase iz kultura kao obnovljivog i ekološki prihvatljivog energenta na načelima gospodarske održivosti, socijalne odgovornosti i ekološke prihvatljivosti. The Law on Timbered Crops (NN 15/2018, which aims to create conditions for the production of biomass from culture as a renewable and environmentally acceptable energy source on the principles of economic sustainability, social responsibility and ecological acceptance.</p>
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal IV (maximum of 100 words per challenge, please)

Challenge 1	<p>The Regulation of the European Parliament and the Council on the inclusion of greenhouse gas emissions and removal from land use, land conversion and forestry (LULUCF) in the framework of climate and energy policy by 2030 as adopted 1.4.2018. prescribes preparation of the Forest Action Plan with the Forest Reference Level which will strongly determine the intensity of forest management by 2030. The draft of the Climate Change Adjustment Strategy in Croatia for the period up to 2040 with a view to 2070 (WHITE BOOK, September 2017) provides a comprehensive description of the situation and provides guidelines for the national activities of the Republic of Croatia in the multi-decade period on the subject matter. Fulfilling the objectives of the Draft Action Plan for the implementation of the Climate Change Adaptation Strategy for the Republic of Croatia for the period 2019-2023 (September 2017), provides the following measures for adaptation to climate change in the forestry sector: 1. Incorporate adaptation measures into key forest and forest sector documents 2. Research on species and provenance of forest trees that are adaptive to climate change 3. Capacity building for systematic monitoring of forest ecosystem</p>
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	status as a prerequisite for informed planning and implementation of climate change adaptation 4. Strengthening capacity for fire-fighting protection.
Challenge 2	Implementation of the Green Infrastructure Concept
Challenge 3	Afforestation The Republic of Croatia in the past has invested considerable efforts to increase its forest areas through afforestation activities, due to which it increased its forest areas by 2.5% (around 60,000 hectares) since 1990 onwards. However, the areas that had been planned for a long-term future afforestation (around 200,000 hectares) are mostly blocked pursuant to the Regulation on the Ecological Network (NATURA 2000) of 2013, Ordinance on the list of habitat types, habitats map, and threatened and rare habitat types of 2014 and the Nature Protection Act of 2014, which expressly prohibit the conversion of land from the category of grassland to the category of forest land. The total area available for afforestation is thus reduced from approximately 200 00 ha to the area of 4700 ha, which would amount to only 313 ha per year for the period 2016-2030.
Challenge 4	Strengthening awareness and sensibility of all the stakeholders in the forest sector on climate change and necessary adaptation measures with priority to private forests. The aim of these activities is in order to support sustainable forest management as a prerequisite for adapting to climate change.
Challenge 5	

Goal V. The loss of forest biodiversity in Europe is halted and degraded forests are restored or rehabilitated

Please describe a maximum of five major actions and measures taken towards achieving Goal V (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Implementation of M8.5.1 "Conversion of degraded forest stands and forest cultures" is mainly carried out in the karst area with autochthonous tree and shrub species. It creates the prerequisites for sustainable forest management, enrichment of biodiversity, reduction of forest fires risk, erosion and other threats. Implementation of activities from OP "Competitiveness and Cohesion" within the specific objective 6.iii.3. - "Diversification, protection and restoration of forests and forest land in protected and Natura 2000 areas" are primarily prerequisites for sustainable forest management in the NATURA 2000 area by demining of confirmed minefields as well as mine suspected areas in forests and on forest land (project NATURAVITA - Demining, restoration and protection of forests and forest land in protected and Natura 2000 areas in the Danube-Drava region).
Action /	

Measure 2	Timely restoration of damages caused by ice in forests of Gorski Kotar region in 2015 contributed to a significant reduction in secondary damage from barkbeetle pests.
Action / Measure 3	Establishment of NATURA 2000 ecological network in Croatia.
Action / Measure 4	Preparation of NATURA 2000 ecological network management plans in Croatia.
Action / Measure 5	Forest Act (OG 68/18) Art. 10 Paragraph 1 prescribes the obligation to forest owners to maintain the natural tree species composition of forests as well as support local composition of forests.

Please describe a maximum of five major remaining challenges to achieve Goal V (maximum of 100 words per challenge, please)

Challenge 1	Maintaining of reliable and sustainable financing of forestry works and activities in the circumstances of reducing the accumulated funds through the Fee for FES.
Challenge 2	Integrating of biodiversity conservation concept in forests and forest land into the forest management plans (eg. INTEGRATE).
Challenge 3	Maintaining a qualitative level of control and conservation of forest ecosystems in the context of the significant depopulation of rural areas.
Challenge 4	
Challenge 5	

Goal VI. The role of forests in combating the progress of desertification is strengthened

Please describe a maximum of five major actions and measures taken towards achieving Goal VI (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	There is no desert in Croatia (except "Đurđevački peski" micro location).
Action / Measure 2	

Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal VI (maximum of 100 words per challenge, please)

Challenge 1	
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Goal VII. Socioeconomic and cultural benefits, especially for livelihoods, rural development and employment from European forests are optimised

Please describe a maximum of five major actions and measures taken towards achieving Goal VII (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	National RDP through at least two types of operations - M8.5.2 "Establishment and arrangement of educational trails, goblins and other minor infrastructures" and M8.6.3 "Marketing of wood and non-wood forest products" promotes and provides financial support for projects that enable valorisation of multiple forest ecosystem services, their products and services as an added value. By implementation of dedicated projects, many components of rural development are stimulated, in particular to minimise depopulation of rural areas, to create new jobs and income as well as to enhance the cultural-environmental values and tourism potential of the project's localities.
Action / Measure 2	Improving of status and forest management in private-owned forests, gathering of private forest owners as well as forest land consolidation will be supported by subsidies for capital investments by private forest owners from the state budget and other sources in accordance with special regulations (OG 68/18, Art.70, Paragraph 1)

Action / Measure 3	The project "School in Forest, Forest in School" conducted by company Croatian Forests introduces nature, environment and locality to pupils of elementary and high schools and kindergartens by presenting forest and forestry in positive and affirmative manner. The project "School in Forest, Forest in School" conducted by a public company Croatian Forests introduces pupils of elementary and high schools and kindergartens to nature, environment and locality by approaching forest and forestry in a positive and affirmative manner. The project "School in Forest, Forest in School" conducted by a public company Croatian Forests introduces pupils of elementary and high schools and kindergartens to nature, environment and locality by approaching forest and forestry in a positive and affirmative manner.
Action / Measure 4	
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal VII (maximum of 100 words per challenge, please)

Challenge 1	Use of RDP and other forms of funding that promotes rural development, programs that can help individual (self) employment and perspectives for the retention of the primarily younger people in rural areas (eg. agro-forestry, green jobs and forestry occupations - mushroom pickers, herbs harvesters, forest therapists, etc. in accordance with FAO guidelines for "green" jobs in the forestry sector).
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Goal VIII. Illegal logging and associated trade in wood and other forest products are eliminated in Europe;

Please describe a maximum of five major actions and measures taken towards achieving Goal VIII (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	
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	Integration of EU prohibitive measures and restrictions under the designation 747, namely the "Control of Import of Wood and Wood Products Subject to the FLEGT Licensing System" for the purpose of solving illegal logging, is applied in the Republic of Croatia since 15 November 2016
Action / Measure 2	Forest Act (OG 68/18) in Art. 37 Paragraph1 prescribes that wood forest products and harvested wood from forests and forest land can be transported only if duly marked and if a prescribed cargo sheet (s) is issued for it.
Action / Measure 3	The preparation for the new national forest inventory, CRONFI II.
Action / Measure 4	
Action / Measure 5	

Please describe a maximum of five major remaining challenges to achieve Goal VIII (maximum of 100 words per challenge, please)

Challenge 1	Further digitalization and networking of all stakeholders in the wood supply chain with the aim of optimum traceability of wood - from the forest to the final consumer.
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

European 2020 Targets for Forests

During the FOREST EUROPE Ministerial Conference held in 2011 in Oslo, Norway, ministers responsible for forests in Europe adopted also nine "European 2020 Targets for Forests". These targets are supposed to be achieved by 2020 and the below questions focus on information related to the extent of achievement.

Target I. All European countries have developed and are implementing national forest programmes, or its equivalent, in line with the shared

vision and goals and the pan-European approach to national forest programmes

Please describe a maximum of five major actions and measures taken to achieve Target I (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	<p>Master Forest Management plan of the Republic of Croatia (hereinafter referred to as the Master Management Plan) is a base document for sustainable forest management as well as for the forest land management in the Republic of Croatia. It defines ecological, economical and social background for biological improvement of all forests. Currently there is a fourth Master Management Plan of the Republic of Croatia valid for the period 1.1.2016. - 31.12.2025. representing direct continuation of previous one (1.1.2006. - 31.12.2015.), both, fully in line with the principles of HELSINKI Resolution H1.</p>
Action / Measure 2	<p>The Forest Act in Art. 9 prescribes the pan-European criteria for sustainable forest management: (1) Forest management includes silviculture, protection and usage of forests and forest land, as well as planning, design, construction and maintenance of forest infrastructure, in accordance with the pan-European criteria for sustainable forest management. (2) Pan-European criteria for sustainable forest management are: 1. maintenance and appropriate improvement of forest ecosystems and their contribution to the global carbon cycle 2. maintenance of health and vitality of the forest ecosystem 3. maintenance and encouragement of productive functions of forests 4. maintenance, preservation and appropriate enhancement of biodiversity in the forest ecosystem 5. maintenance and appropriate enhancement of protective functions in forest management (particularly of soil and water) 6. maintenance of other socioeconomic functions and conditions. Also in Art 11. prescribes: For the purpose of ensuring the implementation of pan-European criteria referred to in Article 9, paragraph 2 of the subject Act and taking into account the general interest in the management of forests, forest holders shall: - manage forests in accordance with forest management plans - allow unobstructed access to the forest for persons authorized to carry out supervision of forest management - allow for the implementation of prescribed monitoring, surveys for the purpose of the national forest inventory and preparation of forest management plans and collection of data in accordance with international obligations.</p>
Action / Measure 3	<p>The Forest Act in Art. 26. defines and prescribes the National Strategy for Forestry, the National Forestry Program and the National Inventory of Forest Resources as follows: (1) The National Forestry Strategy determines and defines the national forestry policy and ensures its compliance with the planning acts of the Republic of Croatia. (2) The National Forestry Program determines the conditions for implementing the elements of the forestry policy and defines the framework for sustainable forest management, taking into account its multifunctional role and use. (3) An integral part of the National Forestry Program is the implementation of policies, monitoring and evaluation for the purpose of further improvement of sustainable forest management at a national level, as well as the establishment and preservation of natural relations between species and improvement of their natural</p>

	habitats. (4) The National Forestry Program establishes cooperation with other sectors and ensures coordination of activities when carrying out forestry policies. (5) The National Inventory of Forest Resources shall be implemented for the purpose of collecting information on the condition of forests for the purposes of the forestry policy and forestry operations, ecology, hunting, environmental protection, nature protection, wood processing industry and for the needs of national and international organizations. (6) The National Forestry Strategy referred to in paragraph 1 of the subject Article shall be adopted by the Croatian Parliament, upon proposal of the Government, and prepared by the Ministry. (7) The National Forestry Program referred to in paragraph 2 of the subject Article shall be adopted by the Government. (8) The Ministry shall be responsible for the implementation of the National Forest Inventory and shall approve its results. (9) The implementation procedure of the National Forest Inventory referred to in paragraph 3 of the subject Article and approval of its results shall be performed by the minister by means of an ordinance.
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
 On track to achieve target (we expect to achieve the target by 2020)
 Progress to achieve target (but we do not expect to achieve the target by 2020)
 No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target I (maximum of 100 words per challenge, please).

Challenge 1	Preparation of a new National Forestry Strategy.
Challenge 2	Preparation of a new National Forestry Program.
Challenge 3	Preparation of a new (second) National Inventory of Forest Resources.
Challenge 4	
Challenge 5	

Target II. In addressing emerging issues forest knowledge is improved through research, education, innovation, information sharing and communication

Please describe a maximum of five major actions and measures taken to achieve Target II (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	The Short Term Rotation Coppices Law (OG 15/2018) was adopted with the aim of creating conditions for the production of biomass from forest coppices (plantations of intensive and fast growing tree species or other plant species cultivated on agricultural or forest land in the short term rotations) as a renewable and environmentally friendly energy source according to the principles of economic sustainability, social responsibility and ecological acceptability. This Law assumes an active inclusion and contribution of scientific community in the areas of exploration of optimal soils as well as woody species in view of the high variety of climatic regions in the Republic of Croatia.
Action / Measure 2	Educational programme (Forest in school, school in forest) conducted by Croatian forests Ltd.
Action / Measure 3	Television commercial campaigns related to forest fire prevention (by Croatian Forests).
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
 On track to achieve target (we expect to achieve the target by 2020)
 Progress to achieve target (but we do not expect to achieve the target by 2020)
 No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target II (maximum of 100 words per challenge, please).

Challenge 1	Izrada komunikacijske strategije za šume i na šumu upućenim sektorima. Development of Forest communication strategy (forests and forest-related sector).
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Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Target III. In response to political objectives on the use of renewable raw material and energy in Europe, the supply of wood and other forest products from sustainably managed forests has increased substantially

Please describe a maximum of five major actions and measures taken to achieve Target III (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Master Forest Management Plan 2015.-2025. presents an increase in the total area of forests and forest land by 70,351.18ha or 2.6% in comparison to the previous MFMP. Consequently, stock increased by 20.6 million m3 or 5%.
Action / Measure 2	Prepared draft of the Low-Carbon Development Strategy of the Republic of Croatia for the period up to 2030 with a view to 2050.
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)
- Progress to achieve target (but we do not expect to achieve the target by 2020)

○ No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target III (maximum of 100 words per challenge, please).

Challenge 1	According to the current dynamics in the preparation of forest management plans for private-owned forests it is foreseen to develop all plans for management of private-owned forests till 2021
Challenge 2	Demining of unmanaged forests contaminated with land mines remained from Homeland war as well as clearing of mines suspicious areas inaccessible for SFM (also recognized by REGULATION (EU) 2018/841 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 May 2018) constantly increase supply of wood and other forest products from sustainably managed forests.
Challenge 3	
Challenge 4	
Challenge 5	

Target IV. The full value of forest ecosystem services across Europe is being estimated with a view to using common valuation approaches, and that values are increasingly reflected in relevant national policies and market-based instruments such as payments for ecosystem services

Please describe a maximum of five major actions and measures taken to achieve Target IV (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Croatian forestry, traditionally through many years with its sustainable forest management, recognizes the importance and significance of the forest ecosystem services. Fee for Forest Ecosystem Services, in the last few decades collecting funds diverted to the prescribed forestry works that directly and indirectly maintain and increase the value of forests in general.
Action / Measure 2	
Action / Measure 3	

Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)
- Progress to achieve target (but we do not expect to achieve the target by 2020)
- No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target IV (maximum of 100 words per challenge, please).

Challenge 1	Additional efficiency and higher quality fire-fighting protection based to the fact of increase of financial allocations for this purpose (Ordinance on Modification of the Ordinance on the Procedure for Exercising the Right to Funds from the Fee for FES ... OG 46/18).
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Target V. All European countries include strategies for forests and climate change adaptation and mitigation in national forest programmes or equivalents and all other relevant national strategies

Please describe a maximum of five major actions and measures taken to achieve Target V (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Ministry of Environmental Protection and Energy of the Republic of Croatia by performing project "Strengthening the capacities of the Ministry of Environmental Protection and Energy for adaptation to climate change and development of Draft
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	Climate Change Adaptation Strategy" has made a draft "National Climate Change Adaptation Strategy for the period up to 2040 with a view to 2070 and Action Plan". Those activities contributed to the definition of vulnerable sectors, impact assessments and priority measures and activities needed for adaptation in sectors exposed to climate change. Forestry sector as one of the most prominent ones actively participates in defining and designing national climate change adaptation activities.
Action / Measure 2	
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)
- Progress to achieve target (but we do not expect to achieve the target by 2020)
- No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target V (maximum of 100 words per challenge, please).

Challenge 1	The climate change adaptation strategy of the Republic of Croatia is developed, and forestry sector experts fully participated in its creation. All the parts related to forest and forest related sector are well-developed. The document has still not been officially approved and published which is expected soon. Once done, it will become possible to start with the activities on its implementation. Currently it's too early to give a rating regarding the possible achievement of the goals set in it.
Challenge 2	Implementation of measures and activities of adaptation to climate change in the complex circumstances of significant depopulation of rural areas of the Republic of Croatia.
Challenge 3	

Challenge 4	
Challenge 5	

Target VI. The rate of loss of forest biodiversity at habitat level is at least halved and where feasible brought close to zero, and measures are taken to significantly reduce forest fragmentation and degradation and to restore degraded forests

Please describe a maximum of five major actions and measures taken to achieve Target VI (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Implementation of M8.5.1 "Conversion of degraded forest stands and forest cultures" is mainly carried out in the karst area with autochthonous tree and shrub species. It creates the prerequisites for sustainable forest management, enrichment of biodiversity, reduction of forest fires risk, erosion and other threats. The same type of operation encourages the consolidation of forests and forest land while simultaneously increasing their total value - economic and general. Implementation of activities from OP "Competitiveness and Cohesion" within the specific objective 6.iii.3. - "Diversification, protection and restoration of forests and forest land in protected and Natura 2000 areas" are primarily prerequisites for sustainable forest management in the NATURA 2000 area by demining of confirmed minefields as well as mine suspected areas in forests and on forest land (project NATURAVITA - Demining, restoration and protection of forests and forest land in protected and Natura 2000 areas in the Danube-Drava region).
Action / Measure 2	
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)

- Progress to achieve target (but we do not expect to achieve the target by 2020)
- No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target VI (maximum of 100 words per challenge, please).

Challenge 1	Provision of sufficient logistic and operative capacities, primary workers, for the realization of M8.5.1 projects.
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Target VII. The role of forests in combating desertification is fully recognised and forests are also managed to that end

Please describe a maximum of five major actions and measures taken to achieve Target VII (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Croatian forestry has no engagement on this topic on national level.
Action / Measure 2	
Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)
- Progress to achieve target (but we do not expect to achieve the target by 2020)
- No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target VII (maximum of 100 words per challenge, please).

Challenge 1	
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Target VIII. All European countries have policies and measures which ensure a significant increase in socio-economic and cultural benefits, especially for human health, livelihoods, rural development and employment from forests

Please describe a maximum of five major actions and measures taken to achieve Target VIII (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	The RDP for the period 2014-2020 provides financial support for projects of the valorisation of forest ecosystem services as well as their products which consequently have significant impact to the quality of life of rural population. Measures 1, 2 and 8 through specific types of operations (especially M8.5.2 and M8.6.3) support the realization of green economy projects in the forestry sector by encouraging education, self-employment and sustainable development of rural population and communities with a greater emphasis on valorisation of non-wood forest products and services related to tourism and recreation, improving the quality of life and at the same time achieving value added for the local population from their own forests.
Action / Measure 2	

Action / Measure 3	
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
- On track to achieve target (we expect to achieve the target by 2020)
- Progress to achieve target (but we do not expect to achieve the target by 2020)
- No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target VIII (maximum of 100 words per challenge, please).

Challenge 1	Provision of timely implementation of RDP measures as well as other incentives and activities aimed to achieve forestry development in the circumstances of significant depopulation of rural areas.
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Target IX. Effective measures are taken at regional, sub-regional and national levels to eliminate illegal logging and associated trade

Please describe a maximum of five major actions and measures taken to achieve Target IX (maximum of 100 words per action, please). Please indicate, if an action or measure could be referenced as Best Practice Example.

Action / Measure 1	Integration of EU prohibitive measures and restrictions under the designation 747, namely the "Control of Import of Wood and Wood Products Subject to the FLEGT
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	Licensing System" for the purpose of solving illegal logging, is applied to the Republic of Croatia since 15 November 2016.
Action / Measure 2	Forest Act (NN68 / 18) in Art. 37 Paragraph 1 prescribed that wood forest products and wood harvested outside of forests and forest land can only be transported if they are duly marked and if a prescribed cargo sheet is issued for them.
Action / Measure 3	Preparation for the new National forest inventory, CRONFI II is ongoing.
Action / Measure 4	
Action / Measure 5	

Do you consider the target to be achieved at national level?

- Target fully achieved
 On track to achieve target (we expect to achieve the target by 2020)
 Progress to achieve target (but we do not expect to achieve the target by 2020)
 No progress

If not fully achieved, please describe a maximum of five major remaining challenges to achieve Target IX (maximum of 100 words per challenge, please).

Challenge 1	Further digitalisation and networking of all stakeholders in the chain of wood supply with the aim of achieving optimum traceability and monitoring of wood from the forest to the end user/consumer.
Challenge 2	
Challenge 3	
Challenge 4	
Challenge 5	

Part 2: Reporting on the pan-European Qualitative Indicators

Reporting on pan-European Qualitative Indicators consists of five overall forest policy and governance indicators (Indicators 1-5) and indicators for policies, institutions and instruments related to 6 criteria for SFM (Indicators C1-6).

Please see Annex 1 for “Terms and Definitions”.

For reporting, please note the following:

1. All requests for responses are limited to approximately 100 words or 650 letters (including blank spaces) automatically in order to keep the analytical efforts within reasonable bounds. If you wish to provide more detail, please do so in a separate message.
2. Significant changes since 2014 will be analysed systematically. If no information is provided, that will be interpreted as “no significant change”.
3. Please provide further information on the measures taken, as deemed relevant, e.g. major partners in implementation, period, and budget involved experiences made (lessons learned, obstacles encountered and solutions).
4. Please provide the latest information available unless otherwise specified.
5. Please specify reference documents as follows: - Author or institution. Year of publication (if published). Title. Reference Number. Publisher, Link;
6. In terms of indicators C1-C6, please report only these changes in policies, institutions and instruments that are related specifically to the individual criteria, the overall status and changes related to the SFM should be reported under indicators 1-5.

2A: Forest Policy and Governance

The five overall Forest policy and governance indicators cover the overall policy approaches, institutions and instruments for implementation and communication of SFM:

1. National Forest Programmes (NFPs) or equivalent;
2. Institutional frameworks;
3. Legal/regulatory framework: National (and/or sub-national) and international commitments;
4. Financial and economic instruments;
5. Information and communication.

1. National forest programmes (NFP) or equivalent	
NFP or equivalent process/documents for forest related dialogue, policy development & implementation	
Existence of NFP or equivalent process	<input checked="" type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at subnational level <input type="checkbox"/> No <input type="checkbox"/> Under elaboration

Main formal decision making body of the process	<input checked="" type="checkbox"/> Ministry responsible for forestry <input type="checkbox"/> Body with members other than Ministry responsible for forestry <input type="checkbox"/> Other. Please specify:	
Significant changes related to the NFP or equivalent process since 2014	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please describe the reason/s for and type of changes [max.100 words]:
	The Master Forest Management Plan (MFMP) of the Republic of Croatia for the period 2015.-2025. presents an increase in the total area of forests and forest land by 70,351.18ha or 2.6% in comparison to the previous MFMP. Consequently, stock increased by 20.6 million m3 or 5%.	
Key lessons learned on the NFP process or similar	Please specify [max. 100 words], particularly on the NPF principles related to NFP as iterative process, stakeholder participation and approaches to inter-sectoral coordination and collaboration:	
Main forest policy document other than law (such as national forest programme, forest policy statement, strategy or other)	Name: National forest policy and strategy. Internet link: NN 120/2003; https://narodne-novine.nn.hr/clanci/sluzbeni/2003_07_120_1663.html Starting year: 2003. godina	

		Yes explicit	Partially	No
Inclusion of FOREST EUROPE (FE) instruments in the main forest policy document	o FE definition of SFM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	o FE criteria and indicators for SFM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	o FE guidelines for NFPs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	o FE Classification of Protected and Protective Forests and Other Wooded Land	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	o FE Pan-European Operational Level Guidelines for Sustainable Forest Management.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	o FE Pan-European Guidelines for Afforestation and Reforestation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Evaluation of the implementation of NFP or similar process	<input checked="" type="checkbox"/> Periodically, pre-specified in the main forest policy document <input type="checkbox"/> Irregularly conducted <input type="checkbox"/> Not specified <input type="checkbox"/> Other:	
Binding status of the main (other than law) forest policy document	<input type="checkbox"/> Compulsory <input checked="" type="checkbox"/> Recommendatory	
Allocation of financial resources for the implementation of NFP or equivalent document / process)	<input type="checkbox"/> Bulk allocation <input type="checkbox"/> Goal-specified allocation <input type="checkbox"/> Relying on external resources <input checked="" type="checkbox"/> Not specified, not planned <input type="checkbox"/> Other:	
Significant changes related to the main forest policy document during last five years	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please describe the reason/s for and type of changes [max.100 words]

<p>Existence of other overall policy instruments/ documents from the sector or other sectors that explicitly encourage SFM or address key forest policy issues</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Title: Climate Change Sector, LULUCF Sector, Nature protection, Green Economy</p> <p>Internet links:</p>
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Reporting notes

¹ “Formal NFP process” means a process which is formally and explicitly acknowledged and referred to as an “NFP process” acc. Vienna Resolution 1 (http://foresteurope.org/docs/MC/MC_vienna_resolutionV1.pdf).

2. Institutional frameworks

	Please specify the type of forest-related institutional arrangements according to their responsibility	Part of ministry	Sub-national ministries or similar bodies	Other bodies. Please specify below
Government bodies and public organizations	<ul style="list-style-type: none"> - forest policy administration <input checked="" type="checkbox"/> - legislative supervision & enforcement <input checked="" type="checkbox"/> - support to private forest management <input checked="" type="checkbox"/> - management of public forests <input type="checkbox"/> - forest management planning <input checked="" type="checkbox"/> - forest inventory <input checked="" type="checkbox"/> - research (Target 2) <input type="checkbox"/> <p>Other. Please specify:</p> <p>Management of public forests - "Croatian Forests" L.t.d. Research - Forestry faculty, Croatian Forestry Institute</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	<p>Comments [max. 100 words]</p>			

Forest-related staff ² Resources and capacity of government bodies and public organizations related to forests (Goals 7, Target 8)	Name or group/type ¹ :	2017; Full time equival ent
	Total	8105
	...of which forest administration ³	78
	...of which management of public forests	6735
	...of which public forest research, education and training institutions and other specialized agencies	340
	... of which other permanent or temporary workers	952
	Comments [max. 100 words] Increase of employees by 17% compared to 2016 in the Croatian Forests Ltd.	
Significant changes in the institutional framework, public and private, during last 5 years	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe and incl. reason/s for the changes [max. 100 words]	
Policies, objectives and measures/actions taken in:	Forest-related research (Target 2) Please explain [max. 100 words] and provide reference documents where relevant.	
	Forest-related training and education (Target 2) Please explain [max. 100 words] and provide reference documents where relevant.	
	Forest-related capacity building in other institutional framework Please explain [max. 100 words] and provide reference documents where relevant.	

	Comments [max. 100 words]
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Reporting notes

1. Please provide aggregated figures for each group/type of organizations, including all levels of government. Publicly owned business entities should be excluded. Where it is impossible or inappropriate to separate the activities of publicly owned business entities from other public sector activities in forest sector, this should be noted and staff of the entities should be included in the table. Please specify in the space left for comments which institutions are included (or not) in the figures you provide.
2. Forest-related staff in public organizations includes human resources within public forest institutions at subnational level. This refers to professionals as well as administrative staff.
3. "Forest administration" includes the first three sub-categories mentioned in the previous part of the table, i.e. forest policy administration, legislative supervision & enforcement, and support to private forest management.

Proportion of forest and other wooded land under a management plan or equivalent instrument

Forest-related management document	Use of document in the country		Forest area under document		Other wooded land area under document	
	Yes	No	Ha	%	Ha	%
• Management plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2492676.00	89	266362.00	11
• Equivalent of management plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	424.00			
• Other forest-related type of management document/instrument at operational level	<input type="checkbox"/>	<input checked="" type="checkbox"/>	255146.00			
Are forest management plans an obligatory instrument?					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are the forest-related management plans / equivalents / other types of management documents registered with official body?					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are the measures of forest management plans compulsory?				Yes <input checked="" type="checkbox"/>	Partially <input type="checkbox"/>	No <input type="checkbox"/>
Do forest management plans regulate:				Yes	Partially	No
Volume of harvest				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regeneration systems				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reforestation species composition				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tending and other silvicultural operations				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deadwood volume				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

Proportion of forest and other wooded land under third party certification schemes

Certification scheme	Use of scheme in the country		Forest area under scheme		Other wooded land area under scheme	
	Yes	No	Ha	%	Ha	%
• Forest Stewardship Council certification (FSC) scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1789008,7	87,5	255451,9	12,5
• Programme for the Endorsement of Forest certification (PEFC)	<input type="checkbox"/>	<input type="checkbox"/>				
• Other international forest management certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
• Other country specific management certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
• Overlapping of certification schemes	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Comments:

3. Legal/regulatory frameworks and international commitments		
Legal/regulatory frameworks		
General characteristics of legal/regulatory framework – formal authority on main forest matters is laid down	<input type="checkbox"/> in constitution <input checked="" type="checkbox"/> in legislation enacted by parliament <input type="checkbox"/> in administrative decrees / regulations <input type="checkbox"/> other:	<input checked="" type="checkbox"/> at national level <input type="checkbox"/> at sub-national level <input type="checkbox"/> other:
Main forest and SFM related legal/regulatory act with national scope (e.g. Forest law, act, code or similar document)	Name and reference to legal document:	Zakon o šumama, NN 68/2018. Forest Act (OG 68/18).
	Date of enactment:	19.7.2018.
	Date of latest amendment:	
Significant changes in the legal/regulatory framework during last 5 years	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe and incl. reason/s for the changes [max. 100 words] Described above under Chapter 1.	

International commitments				
Are the following FOREST EUROPE instruments explicitly referred to in the legal/regulatory act?		Fully	Partially	No
	FOREST EUROPE Definition of SFM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	FOREST EUROPE C&I for SFM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other: please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Main international commitments related to forests signed by the country	CBD AICHI UNCCD UNFCCC Kyoto Protocol Paris Agreement Alpine Convention Carpathian convention Other: Please specify	Yes <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	No <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Significant initiatives undertaken during last 5 years in implementation of international commitments related to forests signed by your country	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe and incl. reason/s for the changes [max. 100 words] FLEGT, EU Timber Regulation			
Comments	Please explain [max. 100 words] and provide reference documents where relevant.			

4. FINANCIAL AND ECONOMIC INSTRUMENTS	
Main characteristics of economic policy related to forests	Please specify objectives of main measures taken to address economic aspects of <u>publicly owned forests</u> [max. 100 words] Sustainable forest management is a basis of the all Croatian forestry. In state-owned forests managed by a state owned company „Croatian Forests“ L.t.d., such professional and responsible management is recognized by multi-annual accreditation by the FSC (Forest Stewardship Council). Economic aspect is not superior to ecological or social responsibility. Sustainable forest management is a basis of the the Croatian forestry and simply describes that economic profit equally assumes ecological and social responsibility. In state-owned forests managed by a public company of the Croatian Forests, such professional and responsible management is recognized by multi-annual accreditation by the FSC (Forest Stewardship Council).

	<p>Please specify objectives of main measures taken to address economic aspects of <u>privately owned forests</u> or other [max. 100 words]</p> <p>Objective of development of forest management plans for all private forests is a prerequisite for sustainable forest management and raising the value of the FES.</p>
<p>Significant changes in economic policy related to forests (public and private) during the last five years</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, please describe and incl. reason/s for the changes [max. 100 words]</p> <p>The availability of EU funds EAFRD and EDARF for investment in the forest sector, i.e. private and state-owned forests.</p>
<p>Comments</p>	<p>Please explain [max. 100 words] and provide reference documents where relevant.</p>
<p>State/federal forests management</p>	<p>Please specify financial arrangements related to state-owned forests and their management</p> <p><input checked="" type="checkbox"/> Profit-making or financially self-sufficient forest management</p> <p><input type="checkbox"/> Additional financial support from a state budget to forest management</p> <p><input type="checkbox"/> Other. Please specify:</p>
<p>Comments</p>	<p>Please explain [max. 100 words] and provide reference documents where relevant.</p>

<p>Government financial instruments applied to private forest management</p>	<p>Please specify the use of financial instruments for private forests and their management. <i>For the EU Member States, please specify separately expenditure connected to the EU Rural Development Programme Funds.</i></p> <p><input type="checkbox"/> Grants/subsidies, Please specify:</p> <p><input checked="" type="checkbox"/> of which RDPF. Please specify: National RDP 2014-2020. defines and prescribes measures and types of operations dedicated specifically to the forestry sector (for state and private-owned forests) with emphasis on forest road construction, modernization of forest mechanization and machinery for primary wood processing as well as conversion of forests. The total allocation of direct and indirect measures for the forestry sector in this program period is estimated at about 130mil. EUR.</p> <p><input type="checkbox"/> Loans. Please specify:</p> <p><input checked="" type="checkbox"/> Tax measures. Please specify: The Fee for Forest Ecosystem Services (FES) is a contribution for the use of the multi forest functions that are payable by all legal and natural persons performing the activity, regardless of the manner in which the tax is paid or other circumstances. The Fee for FES is paid in the amount of 0.0265% of the total income earned during the business year.</p> <p><input type="checkbox"/> Other. Please specify:</p>	
<p>Comments</p>	<p>Please explain [max. 100 words] and provide reference documents where relevant.</p>	
<p>Year: 2017</p>	<p>Total (million, national currency)</p>	<p>Of that private sources, if available (million, national currency)</p>
<p>Operational expenditure¹</p>	<p>-</p>	<p></p>
<p>Transfer payments to private forests²</p>	<p>-</p>	<p></p>
<p>Cost of forest administration³ (not including the costs associated with managing public forests):</p>	<p>-</p>	<p></p>

of which...	Forest administration	142 336 865,00 HRK	
	Public forest research	12 462 726,00 HRK	
	Forest education and training institutions	39 470 000,00HRK	
	Other institutions. Please specify:	-	
Total expenditure		194 269 591,00 HRK	

<p>If transfer payments are made to private forests, indicate for what specific objective(s) – Please tick all that apply.</p>	<input type="checkbox"/> Reforestation <input checked="" type="checkbox"/> Afforestation <input type="checkbox"/> Forest inventory and/or planning <input checked="" type="checkbox"/> Conservation of forest biodiversity <input type="checkbox"/> Protection of soil and water <input checked="" type="checkbox"/> Forest stand improvement <input checked="" type="checkbox"/> Climate change adaptation <input type="checkbox"/> Establishment or maintenance of protected areas <input type="checkbox"/> Recreation <input type="checkbox"/> Other, please specify:
<p>Comments</p>	<p>Please explain [max. 100 words] and provide reference documents where relevant.</p>
<p>Reporting notes</p>	

Please specify the **year** which the data refers to in the intended box.

1. **Operational expenditure** includes public and private domestic or external sources of finance (personnel, materials, operating costs) for operational forest activities (e.g. silvicultural and protective measures). It also includes expenditure on contract or outsourced activities. It also includes the operating costs associated with any forest sector incentive schemes.

It excludes public and private capital expenditure on investments in accordance with the national tax laws (construction and maintenance of forest roads, buildings; investments to equipment, tools, vehicles, machinery and technologies and other investments e.g. IT and/or intangible investments etc.). Data on capital expenditure are included in the questionnaire on quantitative indicators (indicator 6.4).

it should exclude the expenditure of publicly owned business entities. Where it is impossible or inappropriate to separate the activities of publicly owned business entities from other public sector activities in forest sector, this should be noted and expenditure of the entities should be included in the table. In this case, please specify in the space left for comments which institutions you included (or not).

It also excludes expenditure on: marketing; trade facilitation; or development projects, where forest is not the main focus of activities.

2. **Transfer payments to private forests** includes all government expenditures (including external) on direct financial incentives (grants or subsidies) paid to non-government and private-sector institutions, enterprises, communities or individuals operating in the forest sector to implement forest related activities. It excludes tax incentives; government loans; benefits in kind (free or subsidized materials and/or advice). It also excludes direct financial incentives available to all individuals and enterprises not specifically related to forest related activities (e.g. relocation grants, employment subsidies, general training grant schemes).
3. **Cost of forest administration** is government expenditure on public institutions solely engaged in the forest sector. It includes all public expenditure (including external) on implementing forest policy and legislation to the entire forest areas, mainly: expenditures for state administration bodies, support to other forest

<p>Are any types of Payments for Ecosystem Services (PES) schemes applied in your country?</p>	<p> <input checked="" type="checkbox"/> Yes, at public level <input type="checkbox"/> Yes, at private level <input type="checkbox"/> No </p> <p>If yes, please describe and provide reference documents where relevant. [max. 100 words]</p> <p style="color: blue;">The availability of EU funds EAFRD and EDARF for investment in the forest sector, i.e. private and state-owned forests.</p>
<p>Note:</p> <p>Types of markets for example: Public payment schemes for private land owners; Formal markets with open trading between buyers and sellers; Self-organized private deals.</p>	

5. Information and communication		
Main characteristics of informational means	<p>Is forest monitoring in your country sufficient for information and communication needs?</p> <p>If no, please specify:</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No
	<p>Is there public access to forest inventory data?</p> <p>If yes or partially, please specify:</p> <p>"Prva nacionalna inventura šuma u Republici Hrvatskoj" - "First national forest inventory in the Republic of Croatia" is a book published 2010. by the Croatian Ministry of Regional Development, Forestry and Water Management.</p> <p>https://www.mzoip.hr/doc/national_forest_inventory_in_croatia_cronfi.pdf</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially (e.g. just aggregated data) <input type="checkbox"/> No
	<p>Does an official (governmental) forest-related outreach and communication strategy exist?</p> <p>If yes, please provide reference:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No
	<p>Does a national report on the state of sustainable forest management exist?</p> <p>If yes or partially, please provide reference/link:</p> <p>Annual reports of the Croatian forests Ltd (http://www.hrsume.hr/images/stories/godisnja-poslovna-izvjesca/godisnje_izvjesce_za_2017.pdf).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No
	<p>Is there a national platform for stakeholder participation in forest policy development and/or decision-making?</p> <p>If yes or partially, please specify:</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No

<p>Significant changes in informational means during last five years</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, please describe and incl. reason/s for the changes [max. 100 words]</p>
<p>Significant changes in forest related communication during last five years</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, please describe and include reason/s for the changes [max. 100 words]</p>
<p>Reporting notes</p>	

2B: Policies, institutions and instruments related to specific criteria

Part 2B requests additional information since the last reporting in 2014 on policies, institutions and instruments for individual criteria for SFM:

- C1. Maintenance and appropriate enhancement of forest resources and their contribution to global carbon cycles;
- C2. Maintenance of forest ecosystem health and vitality;
- C3. Maintenance and encouragement of productive functions of forests (wood and non-wood);
- C4. Maintenance, conservation and appropriate enhancement of biological diversity in forest ecosystems;
- C5. Maintenance and appropriate enhancement of the protective functions in forest management (notably soil and water);
- C6. Maintenance of other socioeconomic functions and conditions.

Criterion 1 Maintenance and appropriate enhancement of forest resources and their contribution to global carbon cycles	
Have policy objectives been formulated with respect to Criterion 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Please describe the policy objectives, including quantitative targets if any have been formulated	(max. 100 words, please) Fulfilling the objectives of the Draft Action Plan for the implementation of the Climate Change Adaptation Strategy for the Republic of Croatia for the period 2019-2023 (September 2017), which provides the following measures for adaptation to climate change in the forestry sector: 1. Incorporate adaptation measures into key forest and forest sector documents 2. Research on species and provenances of forest trees that are adaptive to climate change 3. Capacity building for systematic monitoring of forest ecosystem status as a prerequisite for informed planning and implementation of climate change adaptation 4. Strengthening capacity for forest fire-fighting protection. The Low Carbon Strategy of the Republic of Croatia is based on the climate and energy goals of the European Union by 2030 with regard to a competitive, safe and low-carbon economy. Binding goals include reducing greenhouse gas emissions by 40% compared to 1990 and a share of renewable energy of at least 27% in total energy consumption. According to the UNDP study, up to 2050, 80 000 green jobs can be opened in Croatia.
Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please) Article 9 of the Forest Act requires the implementation of the panEuropean criteria for sustainable forest management, including the maintenance and proper

	improvement of forest ecosystems and their contribution to the global carbon cycle.
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	(max. 100 words, please) The program of encouraging research and development activities in the area of climate change for the period 2015-2016 was adopted by the Government of the Republic of Croatia (November 2015). It is the first in a series of planned funding programs related to research and development in the area of climate change from the sales revenues of the emission units (Plan of using financial means from the sale of emission units through auctions in the Republic of Croatia for the period from 2014 to 2016). Intention is to introduce good practice of linking the policy of reducing CO2 emissions with the development of 'green' technologies.
Please describe achievements in the area of Criterion 1 over the past five years	(max. 100 words, please) National Rural Development Program for the period 2014-2020 in the part of "forestry" measures encourage forestry activities and works that, along with other measures, stipulate realization of climate change and carbon mitigation and mitigation projects (M8.5 and M8.6).
What are the major challenges in the area of Criterion 1, and the major obstacles to achieving the policy objectives?	(max. 100 words, please) The main challenge in meeting this benchmark is the effective operation and co-ordination of all key stakeholders, as the main threat to the implementation of this policy is the administrative-operational capacity and deadlines for the implementation of the goals set.

Criterion 2 Maintenance of forest health and vitality	
Have policy objectives been formulated with respect to Criterion 2?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please describe the policy objectives, including quantitative targets if any have been formulated	(max. 100 words, please) It should be achieved by enduring forest management as part of the multi-century practice and tradition of Croatian forestry. As such, the national MFMP contents quantified targets for a 10-year period ensuring at the same time sustainable forest management, the conservation of the natural structure and diversity of forests, as well as permanent increase in the stability and quality of the economic and FES.

Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please)
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	<p>(max. 100 words, please)</p> <p>The Fee for Forest Ecosystem Services (FES) are paid by legal and natural persons who are income taxpayers and natural persons who are income tax payers, and in the Republic of Croatia perform the registered activity and realize the total annual income and receive more than HRK 3,000,000.00 pay 0.0265% of the total income or total receipts. Financing deriving from the Fee for FES (according to the Article 68) shall be used to finance:</p> <ol style="list-style-type: none"> 1. management works in protective forests and forest land 2. the costs of preparation and approval of forest management plans referred to in Article 29, paragraph 4, paragraph 9, subparagraph 4, and paragraph 10 of the subject Act 3. management works in commercial forests owned by small forest holders, except for works pertaining to harvesting wood and non-wood forest products 4. management works in commercial forests of the public forest holder, the Institution, the Legal Person, medium and large forest holders, namely: <ol style="list-style-type: none"> a) establishing new forests on unstocked forest land b) remediation and restoration of forests damaged by biotic and abiotic factors c) maintenance of springs, wells and tanks d) protection of forests from harmful organisms and fire 5. demining of forests and forest land 6. scientific and expert studies in the field of forestry 7. forest fire-fighting activities.
Please describe achievements in the area of Criterion 2 over the past five years	<p>(max. 100 words, please)</p> <p>National Rural Development Program for the period 2014-2020 in the part of "forestry" measures encourage forestry activities and works that, along with other measures, stipulate realization of climate change and carbon mitigation and mitigation projects (M8.5 and M8.6).</p>
What are the major challenges in the area of Criterion 2, and the major obstacles to achieving the policy objectives?	<p>(max. 100 words, please)</p> <p>The main challenge in preserving the vitality and good health of Croatian forests is more and more extreme climatic events (i.e. icebreak in Gorski Kotar) which requires rapid and efficient action and significant financial investments.</p>

Criterion 3 Maintenance and encouragement of productive functions of forests (wood and non-wood)	
Have policy objectives been formulated with respect to Criterion 3?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please describe the policy objectives, including quantitative targets if any have been formulated	(max. 100 words, please) Forest Act (OG 68/18) in Art. 4 outlines the general and FES quantified in the national MFMP.
Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please)
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	(max. 100 words, please)
Please describe achievements in the area of Criterion 3 over the past five years	(max. 100 words, please) The Rural Development Program for the period 2014-2020 promote, as part of "forestry" measures, realization of projects with a view of promoting the economic and multiple forest functions. Particularly it recognize the potential of non-wood forest products and services in rural areas through the type of operation M8.6.3. "Marketing of Wood and Non-wood Forest Products".
What are the major challenges in the area of Criterion 3, and the major obstacles to achieving the policy objectives?	(max. 100 words, please) The main challenge and at the same time limite in achieving thematic objective is the accelerated depopulation of rural areas that directly affects the planning and realization of sustainable forest management.

Criterion 4 Maintenance, conservation and appropriate enhancement of biological diversity in forest ecosystems	
Have policy objectives been formulated with respect to Criterion 4?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please describe the policy objectives, including quantitative targets if any have been formulated	(max. 100 words, please) There are still some 404.4 square kilometers of mine suspected area in the Republic of Croatia. The plan is to deal with it all in the next 7 years. Forest demining is a prerequisite for sustainable forest management as well as for preserving and strengthening the biodiversity of forests. Strategic projects in large forest areas, such as NATURAVITA project implemented in the Osijek-Baranja County area include forests and forest land in protected and NATURA 2000 areas in the coverage of 2 684ha, can

	contribute significantly to the fulfillment of the objectives of this criterion by demining, restoration and forest protection.
Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please) Ministry of Agriculture and the Croatian Mine Action Center signed in 2017 Agreement and the Supplement to the Agreement on Financing the Demining of Forests and Forest Land from the Fee for Forest Ecosystem Services on the basis of the average amount of funds collected from the FES during previous years. Thus, the total mine suspected area of state-owned forests was reduced in 2017 by 2 300ha (6.9%) and now is 31 200ha. In 2017, nearly 53 million HRK was provided for demining of forest and forest land in the Republic of Croatia.
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	(max. 100 words, please) The new Forest Act (OG 68/18) prescribed increase of dedicated funds from the Fee for FES for demining of forests and forest land from the previous 13% to the present 30%.
Please describe achievements in the area of Criterion 4 over the past five years	(max. 100 words, please) The Rural Development Programme for the period 2014-2020 in the part of forestry measures encourage forestry activities and works with the aim of promoting economic and multiple forest functions. In particular, through the measure 8.6.3 "Marketing of Wood and Non-Wood Forest Products" the potential of non-wood forest products and services in rural areas is recognized.
What are the major challenges in the area of Criterion 4, and the major obstacles to achieving the policy objectives?	(max. 100 words, please) The main challenge and at the same time limiting factor for achievement of the thematic goal is significant depopulation of rural areas which directly affects the selection of priorities in planning and realization of forestry activities and works.

Criterion 5 Maintenance and appropriate enhancement of protective functions in forest management (notably soil and water)	
Have policy objectives been formulated with respect to Criterion 5?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please describe the policy objectives, including quantitative targets if any	(max. 100 words, please)

have been formulated	The Rural Development Programme for the period 2014-2020 through the type of operation 8.5.1 "Conversion of degraded forest stands and forest cultures", realization of conversion to the projected 600ha of forest per year in the value of the program allocation of about 40 million euros.
Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please) Hrvatska poljoprivredno-šumarska savjetodavna služba aktivno sudjeluje u promociji M8.5.1 prema privatnim šumoposjednicima koji kroz ovaj tip operacije degradirnim šumama i šumskim zemljištima povećavaju vrijednost istodobno educirajući i primjenjujući načela održivog gospodarenja šumama. The Croatian Extension Service actively participates in the promotion of M8.5.1 towards private forests, which through this type of operation for degrading forests and forest land increase the value at the same time by educating and applying the principles of sustainable forest management. Croatian Extension Service actively participates in the promotion of M8.5.1 towards private forest owners. Through this type of operation increase the value of degraded forests and forest land as at the same time educate and apply principles of sustainable forest management. O usluzi Google PrevoditeljZajednicaMobilni uređaji O GoogleuPrivatnost i odredbePomoćPošalji povratne informacije
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	(max. 100 words, please) Please consider an answer above.
Please describe achievements in the area of Criterion 5 over the past five years	(max. 100 words, please)
What are the major challenges in the area of Criterion 5, and the major obstacles to achieving the policy objectives?	(max. 100 words, please) The main challenge and at the same time limiting factor of the achievement of thematic goal is significant depopulation of rural areas, which directly influences the selection of priorities in planning and realization of forest works.

Criterion 6 Maintenance of other socio-economic functions and conditions	
Have policy objectives been formulated with respect to Criterion 6?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please describe the policy	(max. 100 words, please)

objectives, including quantitative targets if any have been formulated	
Please describe any institutional measures taken to achieve these objectives	(max. 100 words, please)
What policy tools have been put in place to achieve these objectives (e.g. legal, financial, communication)?	(max. 100 words, please)
Please describe achievements in the area of Criterion 6 over the past five years	(max. 100 words, please)
What are the major challenges in the area of Criterion 6, and the major obstacles to achieving the policy objectives?	(max. 100 words, please)

2C: Supplementary information on selected major issues

If you wish, provide similar brief information (policy objectives/targets, policy instruments, achievements, challenges), on specific areas not sufficiently covered in the sections before.

Possible areas, many of which touch more than one criterion, would include:

- legal/regulatory framework to combat illegal logging and associated trade of forest products
- Promotion of the use of sustainably produced forest products
- Water management and flood control through forests
- Forest recreation
- Sustainable forest workforce
- Occupational safety and health