Draft 5.2.2015

Structure of management information system of forestry sector

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Information categories/information and indicators)** | **Unit** | **Information Sources**  **Central level Regional level** | | **Frequency of information release** | | | |
| **Month** | **Quarter** | **Year** | **5 yrs** |
| **1** | **Forestry sector policies** |  |  |  |  |  |  |  |
| **1.1** | **Policy system promulgated by the central level** |  |  |  |  |  |  |  |
| 1.1.1 | Related laws | **Doc** | Parliament/websites | Provincial people’s committee/websites | X |  |  |  |
| 1.1.2 | Decree issued by government | **Doc** | Government/websites | X |  |  |  |
| 1.1.3 | Decisions promulgated by the prime minister | **Doc** | Government/websites | X |  |  |  |
| 1.1.4 | Decisions enacted by the minister | **Doc** | MARD/websites | X |  |  |  |
| 1.1.5 | Joint Circular | **Doc** | MARD/websites | X |  |  |  |
| 1.1.6 | Circular of Ministry of Agriculture and Rural Development | **Doc** | MARD/websites | X |  |  |  |
| **1.2** | **Policy system issued by provincial governmental agencies** |  |  |  |  |  |  |  |
| *1.2.1* | *Lai Chau province* |  |  |  |  |  |  |  |
| a) | Resolution of province/city’s party committee | **Doc** |  | Provincial party committee/websites | X |  |  |  |
| b) | Resolution of people’s council of province or city | **Doc** |  | Provincial peoples’ embassy/websites | X |  |  |  |
| c) | Decisions of city/provincial people’s committee | **Doc** |  | Provincial people’s committee/websites | X |  |  |  |
| *1.2...* | *Province.....* |  |  |  |  |  |  |  |
| *1.2.61* | *Ca Mau province* |  |  |  |  |  |  |  |
| a) | Resolution of province/city’s party committee | **Doc** |  | Provincial party committee/websites | X |  |  |  |
| b) | Resolution of people’s embassy of province or city | **Doc** |  | Provincial peoples’ embassy/websites | X |  |  |  |
| c) | Decisions of city/provincial people’s committee | **Doc** |  | Provincial people’s committee/websites | X |  |  |  |
| **2** | **Legal documentation on management of Forestry/ agriculture sector** |  |  |  |  |  |  |  |
| 2.1 | Instruction of The Political Ministry, Board Secretary | **Doc** | MARD |  |  |  |  |  |
| 2.2 | Instruction of the Prime Minister | **Doc** | Government |  |  |  |  |  |
| 2.3 | Instruction of the Minister of Ministry of Agriculture and Rural Development | **Doc** | MARD |  |  |  |  |  |
| **3** | **Management organization system of forestry sector** |  |  |  |  |  |  |  |
| **3.1** | **The central level** |  | Organization structure of in compliance with the Decision no. 59/2014/QĐ-TTg dated on 10/22/2014 |  |  |  |  |  |
| **3.2** | **Provincial level (province, district and commune)** |  |  | Organization structure of in compliance with the Decision no.1920/QĐ-TTg dated on 10/24/2014 |  |  |  |  |
| **3.3** | **Human sources** |  |  |  |  |  |  |  |
| ***3.3.1*** | ***Human source by province (63 provinces)*** |  |  | **Information Technology Group at provincial level** |  |  |  |  |
| **3.3.1.1** | Lai Chau province |  |  |  |  |  |  |
|  | * Government/public staff | **Nr** |  |  | X | X |  |
|  | * Contracted staff | **Nr** |  |  | X | X |  |
|  | * Forest rangers | **Nr** |  |  | X | X |  |
|  | * Post graduates | **Nr** |  |  | X | X |  |
|  | * Graduates | **Nr** |  |  | X | X |  |
|  | * Staff graduated from a professional college | **Nr** |  |  | X | X |  |
|  | * Staff graduated from a professional secondary | **Nr** |  |  | X | X |  |
|  | * Staff graduated from a vocational secondary | **Nr** |  |  | X | X |  |
| **...** | ... |  |  |  | X | X |  |
| **3.3.63** | Ca Mau province |  |  |  | X | X |  |
|  | * ..... |  |  |  | X | X |  |
| ***3.3.2*** | ***Human source in the whole country*** |  | **VNFOREST** |  |  | X | X |  |
|  | * + Government/public staff | **Nr** |  |  | X | X |  |
|  | * + Contracted staff | **Nr** |  |  | X | X |  |
|  | * + Forest rangers | **Nr** |  |  | X | X |  |
|  | * + Post graduates | **Nr** |  |  | X | X |  |
|  | * + Graduates | **Nr** |  |  | X | X |  |
|  | * + Staff graduated from a professional college | **Nr** |  |  | X | X |  |
|  | * + Staff graduated from a professional secondary | **Nr** |  |  | X | X |  |
|  | * + Staff graduated from a vocational secondary |  |  |  | X | X |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **4** | **Monitoring forest resources** |  |  |  |  |  |  |  |
| **4.1** | **National Forest Inventory and Statistics (NFIS)** |  |  |  |  |  |  |  |
| 4.1.1 | The result of forest inventory (63 province) |  |  | **Information Technology Group at provincial level** |  |  |  | X |
| 4.1.1.1 | Lai Chau province |  |  |  |  |  | X |
| a) | Area of various forest types and forest lands by use purpose (table 1A) | Ha |  |  |  |  | X |
| b) | Volume of each forest type by use purpose (Table 1B) | *M3* |  |  |  |  | X |
| c) | Area of forest and forest land by forest owners (Table 2A) | *Ha* |  |  |  |  | X |
| d) | Volume of each forest type by forest owners (Table 2B) | *M3* |  |  |  |  | X |
| e) | Forest cover (Table 3) | *%* |  |  |  |  | X |
| - | District 1 |  |  |  |  |  | X |
| - | District ... | *Ha* |  |  |  |  | X |
| g) | Plantation by tree species and age (Table 4A) | *M3* |  |  |  |  | X |
| h) | Volume of plantation by tree species and age(Table 4B) | *M3* |  |  |  |  | X |
| i) | Management situation of forest and forest land (Table 5) | *Class* |  |  |  |  | X |
| k) | Map of the results of forest inventory in Lai Chau province | *Map* |  |  |  |  | X |
| ... | ..... |  |  |  |  |  | X |
| 4.1.1.63 | Ca Mau province |  |  |  |  |  | X |
| ... | ... |  |  |  |  |  |  |  |
| **4.1.2** | The result of nationwide forest inventory and survey |  | Ranger’s Website on the result of nationwide forest inventory and survey (NFIS) |  |  |  |  |  |
| a) | Area of various forest types and forest lands by use purpose (table 1A) | *Ha* |  |  |  |  | X |
| b) | Volume of each forest type by use purpose (Table 1B) | *M3* |  |  |  |  | X |
| c) | Area of forest and forest land by forest owners (Table 2A) | *Ha* |  |  |  |  | X |
| d) | Volume of each forest type by forest owners (Table 2B) | *M3* |  |  |  |  | X |
| e) | Forest cover (Table 3) | *%* |  |  |  |  | X |
| g) | Plantation by tree species and age (Table 4A) | *Ha* |  |  |  |  | X |
| h) | Volume of plantation by tree species and age (Table 4B) | *M3* |  |  |  |  | X |
| i) | Management situation of forest and forest land (Table 5) | *Class* |  |  |  |  | X |
| k) | Map of the results of forest inventory in the whole country |  |  |  |  |  | X |
| **4.2** | **Tracking annual change of forest resources** | **Ha** |  |  |  |  |  |  |
| ***4.2.1*** | **Tracking annual change of forest resources *by province (63 provinces)*** | ***Ha*** |  | **Information Technology Group at provincial level** |  |  |  |  |
| 4.2.1.1 | Lai Chau province |  |  |  |  |  |  |
| a) | Area of forest and perennial trees (Table 1) | *Ha* |  |  |  | X |  |
| - | District 1 |  |  |  |  | X |  |
| - | ........  District .... |  |  |  |  | X |  |
| b) | Area of forest and perennial trees by owners (Table 2) | *Ha* |  |  |  | X |  |
| - | District 1 |  |  |  |  | X |  |
| - | ........  District ... |  |  |  |  | X |  |
| c) | Change in forest and perennial trees caused by various reasons (Table 3) | *Ha* |  |  |  | X |  |
| - | District 1 |  |  |  |  | X |  |
| - | ........  District ... |  |  |  |  | X |  |
| d) | Area of forest and perennial trees and forest cover (Table 4) | *Ha* |  |  |  | X |  |
| - | District 1 |  |  |  |  | X |  |
| - | ........  District ... |  |  |  |  | X |  |
| 4.2.1... | Province ... |  |  |  |  | X |  |
| 4.2.1.63 | Ca Mau province |  |  |  |  | X |  |
| ... | ... |  |  |  |  | X |  |
| ***4.2.2*** | ***Tracking change in forest resources in entire country*** |  | Ranger’s Website on the result of nationwide forest inventory and survey (NFIS) |  |  |  |  |  |
| a) | Area of forest and perennial trees (Table 1) | Ha |  |  |  | X |  |
| b) | Area of forest and perennial trees by owners (Table 2) | Ha |  |  |  | X |  |
| c) | Change in forest and perennial trees caused by various reasons (Table 3) | Ha |  |  |  | X |  |
| d) | Area of forest and perennial trees and forest cover (Table 4) | Ha |  |  |  | X |  |
| **4.3** | **The result of National Forest Inventory and Monitoring Programme (NFIMAP)** |  | **Forest Inventory and Planning Institute (FIPI)** |  |  |  |  |  |
| ***4.3.1*** | ***Result of the first survey cycle*** |  |  |  |  |  | X |
| 4.3.1... | .... |  |  |  |  |  |  |
| ***4.3.2*** | ***Result of the second survey cycle*** |  |  |  |  |  | X |
| *4.3.2...* | *.....* |  |  |  |  |  |  |
| ***4.3.3*** | ***Result of the third survey cycle*** |  |  |  |  |  | X |
| *4.3.3...* | *...* |  |  |  |  |  |  |
| ***4.3.4*** | ***Result of the fourth survey cycle*** |  |  |  |  |  |  |
| 4.3.4.1 | *Total forest and volume increment by province (Table ..)* | M3 |  |  |  |  | X |
| 4.3.4.2 | *Area of watershed protection forest and its volume increment by province (Table ...)* | *Ha* |  |  |  |  | X |
| 4.3.4.3 | *Area of special used forest and its volume increment by province (Table ...)* | *Ha* |  |  |  |  | X |
| 4.3.4.4 | *Area of production forest and its volume increment by province (Table ...)* | *Ha* |  |  |  |  | X |
| 4.3.4.5 | *Total volume increment of three forest types (Table ..)* | *M3* |  |  |  |  | X |
| 4.3.4.6 | *Forest cover (Table ...)* | *%* |  |  |  |  | X |
| **5** | **Forest protection** |  |  |  |  |  |  |  |
| ***5.1*** | **Forest protection *in 63 provinces and city*** |  |  | **Information Technology Group at provincial level** |  |  |  |  |
| *5.1.1* | *Lai Chau province* |  |  |  |  |  |  |
| *a)* | *Deforestation* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *b)* | *Illegal logging* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *c)* | *Breaking principles on forest fire extinguishment and prevention* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *d)* | *Number of cases breaching principles on managing wildlife (Cites)* | *Nr* |  | X | X | X |  |
| *e)* | *Trafficking and illegal trading Forest products (case)* | *Nr* |  | X | X | X |  |
| *g)* | *Number of cases breaching principles of forest products harvesting and processing (casẹ)* | *Nr* |  | X | X | X |  |
| *h)* | *Other illegal activities (case)* | *Nr* |  | X | X | X |  |
| *i)* | *Fighting against staff implementing their duty* |  |  | X | X | X |  |
| - | Number of cases (case) | Nr |  |  |  |  |  |
| - | Skilled persons (person) | Nr |  |  |  |  |  |
| - | injured persons (person) | Nr |  |  |  |  |  |
| *k)* | *Illegal cases* |  |  | X | X | X |  |
| - | Criminal penalties (case) | Nr |  |  |  |  |  |
| - | Administrative punishment (case) | Nr |  |  |  |  |  |
| *l)* | *Decline of forest area* |  |  | X | X | X |  |
| - | Caused by changing land use purpose (ha) | Ha |  |  |  |  |  |
| - | Caused by following drivers (ha) | Ha |  |  |  |  |  |
|  | fire (ha) | Ha |  |  |  |  |  |
|  | Illegal logging (ha) | Ha |  |  |  |  |  |
| - | Caused by other detestation drivers (ha) | Ha |  |  |  |  |  |
| *m)* | *Revenue from confiscated wood (1000đ)* |  |  | X | X | X |  |
| *n)* | *Confiscated forest products* | *VND* |  | X | X | X |  |
| - | Round wood (m3) | M3 |  |  |  |  |  |
| - | Sawn timber (m3) | M3 |  |  |  |  |  |
| 5.1... | Province ... |  |  | X | X | X |  |
| 5.1.63 | Ca Mau province |  |  | X | X | X |  |
| a) | ..... |  |  |  |  |  |  |
| ***5.2*** | ***Nationwide forest protection*** |  | **Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| *a)* | *Deforestation* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *b)* | *Illegal logging* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *c)* | *Number of cases breaching principles on forest fire extinguishment and prevention* |  |  | X | X | X |  |
| - | Number of incidents (case) | Nr |  |  |  |  |  |
| - | Damaged area (ha) | Ha |  |  |  |  |  |
| *d)* | *Number of cases breaching principles on managing wildlife (Cites)* | *Nr* |  | X | X | X |  |
| *e)* | *Trafficking and illegal trading Forest products (case)* | *Nr* |  | X | X | X |  |
| *g)* | *Number of cases breaching principles of forest products harvesting and processing (casẹ)* | *Nr* |  | X | X | X |  |
| *h)* | *Other illegal activities (case)* | *Nr* |  | X | X | X |  |
| *i)* | *Fighting against staff implementing their duty* |  |  | X | X | X |  |
| - | Number of cases (case) | Nr |  |  |  |  |  |
| - | Skilled persons (person) ???? |  |  |  |  |  |  |
| - | injured persons (person) | Nr |  |  |  |  |  |
| *k)* | *Illegal cases* |  |  | X | X | X |  |
| - | Criminal penalties (case) | Nr |  |  |  |  |  |
| - | Administrative punishment (case) | Nr |  |  |  |  |  |
| *l)* | *Decline of forest area* |  |  | X | X | X |  |
| - | Caused by changing land use purpose (ha) | Ha |  |  |  |  |  |
| - | Caused by following drivers (ha) |  |  |  |  |  |  |
|  | fire (ha) | Ha |  |  |  |  |  |
|  | Illegal logging (ha) | Ja |  |  |  |  |  |
| - | Caused by other drivers (ha) | Ha |  |  |  |  |  |
| *m)* | *Revenue from confiscated wood (1000đ)* | *VND* |  | X | X | X |  |
| *n)* | *Confiscated forest products* | *M3* |  | X | X | X |  |
| - | Round wood (m3) | M3 |  |  |  |  |  |
| - | Sawn timber (m3) | M3 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **6** | **Forest development** |  |  |  |  |  |  |  |
| ***6.1*** | **Forest development in *63 province/city*** |  |  | **Information Technology Group at provincial level** |  |  |  |  |
| *6.1.1* | *Lai Chau province* |  |  |  | *X* | *X* |  |
| a) | Prepare the planting seedlings |  |  |  |  |  |  |
| - | seedlings (million trees) | Nr |  |  |  |  |  |
| - | Seed for nursery (kg) | Kg |  |  |  |  |  |
| b) | Large size plantation *(ha)* |  |  |  | X | X |  |
| *-* | *Planting special used forest* | Ha |  |  |  |  |  |
| *-* | *Planting watershed protection forest* | Ha |  |  |  |  |  |
| *-* | *Planting production forest* |  |  |  |  |  |  |
|  | *Afforestation* | Ha |  |  |  |  |  |
|  | *Reforestation after harvesting* | Ha |  |  |  |  |  |
| c) | Substituted forest area (ha) | Ha |  |  | X | X |  |
| d) | Number of scatter trees | Nr |  |  | X | X |  |
| e) | Area of rehabilitated degraded natural forest (ha) | Ha |  |  | X | X |  |
| g) | Tended plantation(ha) |  |  |  | X | X |  |
| *-* | *Special used forest* | Ha |  |  |  |  |  |
| *-* | *Protection forest* | Ha |  |  |  |  |  |
| *-* | *Production forest* | Ha |  |  |  |  |  |
| h) | Areas of the forest protected and regenerated |  |  |  | X | X |  |
| *-* | *New regenerated and protected forest area* | Ha |  |  |  |  |  |
| *-* | *Successive regenerated and protected forest area* | Ha |  |  |  |  |  |
| i) | Forest areas are contracted with households to protect (ha) | Ha |  |  | X | X |  |
| *-* | *Special used forest* |  |  |  |  |  |  |
| *-* | *Protection forest* | Ha |  |  |  |  |  |
| *-* | *Production forest* | Ha |  |  |  |  |  |
| 6.1... | Province... | Ha |  |  | X | X |  |
| 6.1.63 | Ca Mau province |  |  |  | X | X |  |
| ... | .... |  |  |  |  |  |  |
| ***6.2*** | ***Forest development in entire country*** |  | **Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| a) | Prepare the planting seedlings |  |  |  | X | X |  |
| - | seedlings (million trees) | Nr |  |  |  |  |  |
| - | Seed for nursery (kg) | Kg |  |  |  |  |  |
| b) | Large size plantation *(ha)* |  |  |  | X | X |  |
| *-* | *Planting special used forest* | Ha |  |  |  |  |  |
| *-* | *Planting watershed protection forest* | Ha |  |  |  |  |  |
| *-* | *Planting production forest* |  |  |  |  |  |  |
|  | *Afforestation* | Ha |  |  |  |  |  |
|  | *Reforestation after harvesting* | Ha |  |  |  |  |  |
| c) | Substituted forest area (ha) | Ha |  |  | X | X |  |
| d) | Number of scatter trees | Nr |  |  | X | X |  |
| e) | Area of the improved impoverishing natural forest (ha) | Ha |  |  | X | X |  |
| g) | Tended plantation (ha) |  |  |  | x | x |  |
| *-* | *Special used forest* | Ha |  |  |  |  |  |
| *-* | *Protection forest* | Ha |  |  |  |  |  |
| *-* | *Production forest* | Ha |  |  |  |  |  |
| h) | Areas of the forest protected and regenerated |  |  |  | X | X |  |
| *-* | *New regenerated and protected forest area* | Ha |  |  |  |  |  |
| *-* | *Successive regenerated and protected forest area* | Ha |  |  |  |  |  |
| i) | Forest areas are contracted with households to protect (ha) |  |  |  | X | X |  |
| *-* | *Special used forest* | Ha |  |  |  |  |  |
| *-* | *Protection forest* | Ha |  |  |  |  |  |
| *-* | *Production forest* | Ha |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **7** | **Forest utilization** |  |  |  |  |  |  |  |
| ***7.1*** | **Forest utilization in *63 provinces/city*** |  |  | **Information Technology Group at provincial level** |  |  |  |  |
| 7.1.1 | *Lai Chau province* |  |  |  |  |  |  |
| a) | Volume of harvested timber | M3 |  |  | X | X |  |
| *-* | *Harvesting timber from natural forest* |  |  |  |  |  |  |
|  | Main harvest (m3) | M3 |  |  |  |  |  |
|  | Salvage harvesting (m3) | M3 |  |  |  |  |  |
| - | *Harvest timber from concentration plantation* |  |  |  |  |  |  |
|  | Clear-cutting area (ha) | Ha |  |  |  |  |  |
|  | Volume of timber (m3) | M3 |  |  |  |  |  |
| *b)* | *Harvesting timber from forest garden and scatter trees*(m3) | M3 |  |  | X | X |  |
| *c)* | *Harvest rubber plantation* (m3) | M3 |  |  | X | X |  |
| 7.1... | Province ... |  |  |  |  |  |  |
| 7.1.63 | Ca Mau province |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| ***7.2*** | ***Forest utilization as whole country*** |  | **Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| a) | Volume of harvested timber |  |  |  | X | X |  |
| *-* | *Harvesting timber from natural forest* |  |  |  |  |  |  |
|  | Main harvest (m3) | M3 |  |  |  |  |  |
|  | Salvage harvesting (m3) | M3 |  |  |  |  |  |
| - | *Harvest from timber from concentration plantation* |  |  |  |  |  |  |
|  | Clear-cutting area (ha) | Ha |  |  |  |  |  |
|  | Volume of timber (m3) | M3 |  |  |  |  |  |
| *b)* | *Harvesting from timber from forest garden and scatter trees* (m3) | M3 |  |  | X | X |  |
| *c)* | *Harvest from rubber plantation* (m3) | M3 |  |  | X | X |  |
|  |  |  |  |  |  |  |  |  |
| **8** | **Forest conservation** |  |  |  |  |  |  |  |
| ***8.1*** | ***Conserved forest managed by province*** |  |  | **Information Technology Group at provincial level** |  |  |  |  |
| 8.1.1 | *Lai Chau province* |  |  |  |  |  |  |
| a) | Number of special used forest area by following categories |  |  |  |  | X |  |
| - | National park | **Nr** |  |  |  |  |  |
| - | Natural reserves | **Nr** |  |  |  |  |  |
| - | Species/habitat conservation area | **Nr** |  |  |  |  |  |
| - | Landscape conservation area | **Nr** |  |  |  |  |  |
| - | Scientific and experiment forest area | **Nr** |  |  |  |  |  |
| b) | Area of special used forest according following categories |  |  |  |  | X |  |
| - | National park | **ha** |  |  |  |  |  |
| - | Natural reserves | **ha** |  |  |  |  |  |
| - | Species/habitat conservation area | **Ha** |  |  |  |  |  |
| - | Landscape conservation area | **Ha** |  |  |  |  |  |
| - | Scientific and experiment forest area | **Ha** |  |  |  |  |  |
| c) | Information for monitoring forest conservation in consistence with 5 special use categories: |  |  |  |  |  |  |
|  | ***Forest protection and forest fire extinguishment and prevention*** |  |  | **X** | **X** | **X** |  |
|  | * Illegal extraction of timber and forest products (case) | **Ne** |  |  |  |  |  |
|  | * Breaching principles on forest fire extinguishment and prevention |  |  |  |  |  |  |
|  | * + Number of case (case) | **Nr** |  |  |  |  |  |
|  | * + Forest area damaged by fire (ha) | **Ha** |  |  |  |  |  |
|  | ***Biodiversity conservation*** |  |  | **X** | **X** | **X** |  |
|  | * Monitoring endangered, rare and vulnerable faunal species | **Ha** |  |  |  |  |  |
|  | * Monitoring endangered, rare and vulnerable floral species | **Ha** |  |  |  |  |  |
|  | * Activities related to biodiversity conservation and wildlife rescue | **Nr** |  |  |  |  |  |  |
|  | * Research activities | **Nr** |  |  |  |  |  |
|  | ***Manage border of special used forest area*** |  |  |  | **X** | **X** | **X** |  |
|  | * Special used forest area damaged from encroachment, illegal harvesting. | **Ha** |  |  |  |  |  |
|  | * Special used forest area converted into other land use purpose | **Ha** |  |  |  |  |  |
|  | * Changes in border and area of special used forest. | **Ha** |  |  |  |  |  |
|  | ***Service activities and resource utilization of special used forest*** |  |  | X | X | X |  |
|  | * Type of forest resources used for daily activities and livelihood generating activities of the local people. | **Ha** |  | X | X |  |  |
|  | * Method and the area of forest resources utilized | **Ha** |  |  |  | X |  |
|  | * Socio-economic and environmental effectiveness of extracting resources in special used forest on daily activities; livelihood and income of the local people. | **Nr** |  |  |  | X |  |
|  | * Engagement in providing tourism services and forest environmental services from SUF, benefit sharing mechanisms, co-management mechanism between the parties. | **Nr** |  |  |  | X |  |
|  | * Environmental education | **Nr** |  |  |  |  |  |  |
|  | * International cooperation and conservation projects | **Nr** |  |  |  |  |  |  |
| 8.1... | **Province...** |  |  |  |  |  |  |  |
| 8.1.63 | **Ca Mau province** |  |  |  |  |  |  |
| ... | ... |  |  |  |  |  |  |
| ***8.2.*** | ***Special used forest managed by the central level*** |  |  |  |  |  |  |  |
| 8.2.1 | Tam Dao National Park |  |  | **Information Technology Group of National park** |  |  |  |  |
| a) | Area of sub-zones are divided by following categories |  |  |  |  |  |  |
| - | Strictly-protected sub-zones | **Ha** |  |  |  | **X** |  |
| - | Ecological restoration sub-zones | **Ha** |  |  |  | **X** |  |
| - | Service-administrative sub-zones | **Ha** |  |  |  | **X** |  |
| - | Buffer-zone | **Ha** |  |  |  | **X** |  |
| b) | Information for monitoring forest conservation by following categories |  |  |  |  |  |  |
|  | ***Forest protection and forest fire extinguishment and prevention*** |  |  | **X** | **X** | **X** |  |
|  | * Illegal extraction of timber and forest products (case) | **Nr** |  |  |  |  |  |
|  | * Breaching principles on forest fire extinguishment and prevention |  |  |  |  |  |  |
|  | * + Number of case (case) | **Nr** |  |  |  |  |  |
|  | * + Forest area damaged by fire (ha) | **Ha** |  |  |  |  |  |
|  | ***Biodiversity conservation*** |  |  | **X** | **X** | **X** |  |
|  | * Monitoring endangered, rare and vulnerable faunal species | **Nr** |  |  |  |  |  |
|  | * Monitoring endangered, rare and vulnerable floral species | **Nr** |  |  |  |  |  |
|  | * Activities related to biodiversity conservation and wildlife management | **Nr** |  |  |  |  |  |
|  | * Research activities | **Nr** |  |  |  |  |
|  | ***Manage border of special used forest area*** |  |  | **X** | **X** | **X** |  |
|  | * Special used forest area damaged from encroachment, illegal harvesting. | **Ha** |  |  |  |  |  |
|  | * Special used forest area converted into other land use purpose | **Ha** |  |  |  |  |  |
|  | * Changes in border and area of special used forest. | **Ha** |  |  |  |  |  |
|  | ***Service activities and resource utilization of special used forest*** |  |  | X | X | X |  |
|  | * Type of forest resources used for daily activities and livelihood generating activities of the local people. | **Ha** |  | X | X |  |  |
|  | * Method and the area of forest resources utilized | **Ha** |  |  |  | X |  |
|  | * Socio-economic and environmental effectiveness of extracting resources in special used forest on daily activities; livelihood and income of the local people. | **Ha** |  |  |  | X |  |
|  | * Engagement in providing tourism services and forest environmental services from SUF, benefit sharing mechanisms, co-management mechanism between the parties. | **Ha** |  |  |  | X |  |
|  | * Environmental education | **Nr** |  |  |  |  |  |  |
|  | * International cooperation and conservation projects | **Nr** |  |  |  |  |  |  |
| 8.2.2 | Ba Vi National Park |  |  | Information Technology Group of National park | **X** | **X** | **X** |  |
| ... | ... |  |  |  |  |  |  |
| 8.2.3 | Cuc Phuong National Park |  |  | Information Technology Group of National park | **X** | **X** | **X** |  |
| .... | .... |  |  |  |  |  |  |
| 8.2.4 | Bach Ma National Park |  |  | Information Technology Group of National park | **X** | **X** | **X** |  |
| ... | ..... |  |  |  |  |  |  |
| 8.2.5 | Cat Tien National Park |  |  | Information Technology Group of National park | **X** | **X** | **X** |  |
| ... | .... |  |  |  |  |  |  |
| 8.2.6 | Yok Don National Park |  |  | Information Technology Group of National park | **X** | **X** | **X** |  |
| ... | ... |  |  |  |  |  |  |
| ***8.3*** | Information for monitoring forest conservation in the whole country |  | Department of Nature Conservation (DNC) |  |  |  |  |  |
|  | ***Forest protection and forest fire extinguishment and prevention*** |  |  | **X** | **X** | **X** |  |
|  | * Illegal extraction of timber and forest products (case) | **Nr** |  |  |  |  |  |
|  | * Breaching principles on forest fire extinguishment and prevention |  |  |  |  |  |  |
|  | * + Number of case (case) |  |  |  |  |  |  |
|  | * + Forest area damaged by fire(ha) | **Nr** |  |  |  |  |  |
|  | ***Biodiversity conservation*** | ***Ha*** |  | **X** | **X** | **X** |  |
|  | * Monitoring endangered precious and rare faunal species | **Nr** |  |  |  |  |  |
|  | * Monitoring endangered precious and rare floral species | **Nr** |  |  |  |  |  |
|  | * Activities related to biodiversity conservation and wildlife management | **Nr** |  |  |  |  |  |
|  | * Research activities | **Nr** |  |  |  |  |  |
|  | ***Manage border of special used forest area*** |  |  | **X** | **X** | **X** |  |
|  | * Special used forest area is damaged from encroachment, illegal harvesting. | **Ha** |  |  |  |  |  |
|  | * Special used forest area is converted into other land use purpose | **Ha** |  |  |  |  |  |
|  | * Changes in border and area of special used forest. | **Ha** |  |  |  |  |  |
|  | ***Service activities and resource utilization of special used forest*** |  |  | X | X | X |  |
|  | * Type of forest resources used for daily activities and livelihood generating activities of the local people. | **Ha** |  | X | X |  |  |
|  | * Method, the amount of forest resources exploited. | **Ha** |  |  |  | X |  |
|  | * The socio-economic and environmental effectiveness of extracting resources in special used forest on daily activities; livelihood and income of the local people. | **Ha** |  |  |  | X |  |
|  | * The engagement in providing tourism services and forest environmental services from SUF, benefit sharing mechanisms, co-management mechanism between the parties. | **Ha** |  |  |  | X |  |
|  | * Environmental education | **Nr** |  |  |  |  |  |  |
|  | * International cooperation and conservation projects | **Nr** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **9** | **Wood processing and trading** |  |  |  |  |  |  |  |
| *9.1* | *Processing, trading forest products63 provinces/city* |  |  |  |  |  |  |  |
| *9.1.1* | *Lai Chau province* |  |  | **Information Technology Group of National park** |  |  |  |  |
| *a)* | *Input timber/ raw material (million vnd)* |  |  |  | X | X |  |
| *b)* | *Value of consumed products* |  |  |  | X | X |  |
| - | Semi-products*(million vnd)* | VND |  |  |  |  |  |
| - | Well-processed products*(million vnd)* | VND |  |  |  |  |  |
| *c)* | *Imported raw material* |  |  |  | X | X |  |
| - | Volume (m3) | **M3** |  |  |  |  |  |
| - | Value*(million vnd)* | **VND** |  |  |  |  |  |
| *d)* | *Export* |  |  |  | X | X |  |
| - | Semi-products*(million vnd)* | **VND** |  |  |  |  |  |
| - | Well-processed products*(million vnd)* | **VND** |  |  |  |  |  |
| - | Product made of rattan, bamboo*(million vnd)* | **VND** |  |  |  |  |  |
| *e)* | *Import* |  |  |  | X | X |  |
| - | Wooden products | **VND** |  |  |  |  |  |
| - | Non-timber forest products (rattan and bamboo) | **VND** |  |  |  |  |  |
| **9.1....** | **Province...** |  |  |  |  |  |  |
| **9.1.63** | **Ca Mau province** |  |  |  |  |  |  |
| **...** | **....** |  |  |  |  |  |  |
| **9.2** | *Processing, trading forest products in the whole country* |  | **Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| *a)* | *Input timber/ raw material (million VND)* | *VND* |  |  | X | X |  |
| *b)* | *Value of consumed products* |  |  |  | X | X |  |
| - | Semi-products *(million VND)* | VND |  |  |  |  |  |
| - | Well-processed products *(million VND))* |  |  |  |  |  |  |
| *c)* | *Imported raw material* | *M3* |  |  | X | X |  |
| - | Volume (m3) | **VND** |  |  |  |  |  |
| - | Value *(million VND)* | **VND** |  |  |  |  |  |
| *d)* | *Export* |  |  |  | X | X |  |
| - | Semi-products*(million VND)* | **VND** |  |  |  |  |  |
| - | Well-processed products*(million VND)* | **VND** |  |  |  |  |  |
| - | Product made of rattan, bamboo*(million VND))* | **VND** |  |  |  |  |  |
| *e)* | *Import* | ***VND*** |  |  | X | X |  |
| - | Wooden products | **VND** |  |  |  |  |  |
| - | Non-timber forest products (rattan and bamboo) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **10** | **Forestry organization management** |  |  |  |  |  |  |  |
| ***10.1*** | ***State owned forest enterprises managing forest in 63 province/city*** |  |  |  |  |  |  |  |
| **10.1.1** | *Lai Chau province* |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * Total number of enterprise | Nr |  |  | X | X |  |
|  | * Management information about forest area (ha) |  |  |  | X | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Barren forest land | Ha |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | Ha |  |  |  |  |  |
|  | * Management information about forest land |  |  |  | X | X |  |
|  | * + Area of forest land having land use right certificate | Ha |  |  |  |  |  |
|  | * + Forest land area is reallocated to communes | Ha |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |
|  | * + Joint venture land | Ha |  |  |  |  |  |
|  | * + Area allocated to households | Ja |  |  |  |  |  |
|  | * + Number of households allocated forest land | Nr |  |  |  |  |  |
|  | * + Area allocated to communities | Ha |  |  |  |  |  |
|  | * + Number of communities allocated forest land | Nr |  |  |  |  |  |
|  | * + Encroachment areas | Ha |  |  |  |  |  |
|  | * + Area of disputed land | Ha |  |  |  |  |  |
|  | * Labor (persons) |  |  |  | X | X |  |
|  | * + Total number of staff or employees | Nr |  |  |  |  |  |
|  | * + Managers | Nr |  |  |  |  |  |
|  | * + Number of laborers | Nr |  |  |  |  |  |
|  | * Total assets | VND |  |  | X | X |  |
|  | * Equity | VND |  |  | X | X |  |
|  | * Authorized capital | VND |  |  | X | X |  |
|  | * Total revenue | VND |  |  | X | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  | X | X |  |
|  | * Income per capital (million VND/year) | VND |  |  | X | X |  |
|  | * Contribute to budget | VND |  |  | X | X |  |
| **10.1...** | **Province...** |  |  |  |  |  |  |  |
| **10.1.63** | **Ca Mau province** |  |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |  |
| ***10.2*** | ***State owned forest enterprise managing forest in entire country*** |  | ***Department of forestry production management-VNFOREST*** |  |  |  |  |  |
|  | * Total number of enterprise | Nr |  |  | X | X |  |
|  | * Management information about forest area (ha) |  |  |  | X | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Barren forest land | Ha |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | Ha |  |  |  |  |  |
|  | * Management information about forest land |  |  |  | X | X |  |
|  | * + Area of forest land having land use right certificate | Ha |  |  |  |  |  |
|  | * + Forest land area is reallocated to communes | Ha |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |
|  | * + Joint venture land | Ha |  |  |  |  |  |
|  | * + Area allocated to households | Ja |  |  |  |  |  |
|  | * + Number of households allocated forest land | Nr |  |  |  |  |  |
|  | * + Area allocated to communities | Ha |  |  |  |  |  |
|  | * + Number of communities allocated forest land | Nr |  |  |  |  |  |
|  | * + Encroachment areas | Ha |  |  |  |  |  |
|  | * + Area of disputed land | Ha |  |  |  |  |  |
|  | * Labor (persons) |  |  |  | X | X |  |
|  | * + Total number of staff or employees | Nr |  |  |  |  |  |
|  | * + Managers | Nr |  |  |  |  |  |
|  | * + Number of laborers | Nr |  |  |  |  |  |
|  | * Total assets | VND |  |  | X | X |  |
|  | * Equity | VND |  |  | X | X |  |
|  | * Authorized capital | VND |  |  | X | X |  |
|  | * Total revenue | VND |  |  | X | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  | X | X |  |
|  | * Income per capital (million VND/year) | VND |  |  | X | X |  |
|  | * Contribute to budget | VND |  |  | X | X |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ***10.3*** | ***Private forest enterprises managing forest in 63 province/city*** |  |  |  |  |  |  |  |
| **10.3.1** | *Lai Chau province* |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * Total number of enterprise | Nr |  |  | X | X |  |
|  | * Management information about forest area (ha) |  |  |  | X | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Bared forest land | Ha |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | Ha |  |  |  |  |  |
|  | * Management information about forest land |  |  |  | X | X |  |
|  | * + Area of forest land having land use right certificate | Ha |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |
|  | * + Joint venture land | Ha |  |  |  |  |  |
|  | * + Encroachment areas | Ha |  |  |  |  |  |
|  | * + Area of dispute land | Ja |  |  |  |  |  |
|  | * Labor (persons) |  |  |  | X | X |  |
|  | * + Total number of staff or employees | Nr |  |  |  |  |  |
|  | * + Managers | Nr |  |  |  |  |  |
|  | * + Number of laborers | Nr |  |  |  |  |  |
|  | * Total assets | VND |  |  | X | X |  |
|  | * Equity | VND |  |  | X | X |  |
|  | * Authorized capital | VND |  |  | X | X |  |
|  | * Total revenue | VND |  |  | X | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  | X | X |  |
|  | * Income per capital (million VND/year) | VND |  |  | X | X |  |
|  | * Paying taxes and fees | VND |  |  | X | X |  |
| **10.1...** | **Province...** |  |  |  |  |  |  |
| **10.1.63** | **Ca Mau province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
| **10.4** | ***Private forest enterprises managing forest in the whole country*** |  | ***Department of forestry production management – Department of enterprise management*- MARD** |  |  |  |  |  |
|  | * Total number of enterprise | Nr |  |  | X | X |  |
|  | * Management information about forest area (ha) |  |  |  | X | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Bared forest land | Ha |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | Ha |  |  |  |  |  |
|  | * Management information about forest land |  |  |  | X | X |  |
|  | * + Area of forest land having land use right certificate | Ha |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |
|  | * + Joint venture land | Ha |  |  |  |  |  |
|  | * + Encroachment areas | Ha |  |  |  |  |  |
|  | * + Area of dispute land | Ha |  |  |  |  |  |
|  | * Labor (persons) |  |  |  | X | X |  |
|  | * + Total number of staff or employees | Nr |  |  |  |  |  |
|  | * + Managers | Nr |  |  |  |  |  |
|  | * + Number of laborers | Nr |  |  |  |  |  |
|  | * Total asset | VND |  |  | X | X |  |
|  | * Equity | VND |  |  | X | X |  |
|  | * Authorized capital | VND |  |  | X | X |  |
|  | * Total revenue | VND |  |  | X | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  | X | X |  |
|  | * Income per capital (million VND/year) | VND |  |  | X | X |  |
|  | * Paying taxes and fees | VND |  |  | X | X |  |
|  |  |  |  |  |  |  |  |  |
| ***10.5*** | ***Forest products processing companies in 63 province/city*** |  |  |  |  |  |  |  |
| **10.5.1** | *Lai Chau province* |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * *Total enterprises processing forest products* |  |  |  |  |  |  |
|  | * + Number of state owned enterprises | Nr |  |  |  |  |  |
|  | * + Number of limited liability companies | Nr |  |  |  |  |  |
|  | * + Number of Joint Stock companies | Nr |  |  |  |  |  |
|  | Number of private companies | Nr |  |  |  |  |  |
|  | * + The number of enterprises with 100% foreign capital: | Nr |  |  |  |  |  |
|  | * Timber consumption/report year |  |  |  |  |  |  |
|  | * + Volume of rounded wood consumed/report year | M3 |  |  |  |  |  |
|  | * + Volume of sawn timber consumed/report year | M3 |  |  |  |  |  |
|  | * + Volume of MDF consumed/ report year | M3 |  |  |  |  |  |
|  | * Processed products |  |  |  |  |  |  |
|  | * + Quantity | M3 |  |  |  |  |  |
|  | * + Total production value | VND |  |  |  |  |  |
|  | * + Export value | VND |  |  |  |  |  |
| **10.5...** | **Province...** |  |  |  |  |  |  |
| **10.5.63** | **Ca Mau province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
| ***10.6*** | ***Forest products processing companies in the whole country*** |  | ***Department of forestry production management–Department of processing agriculture and aquaculture products and salt*** |  |  |  |  |  |
|  | * *Total enterprises processing forest products* | Nr |  |  |  |  |  |
|  | * + Number of state owned enterprises | Nr |  |  |  |  |  |
|  | * + Number of limited liability companies | Nr |  |  |  |  |  |
|  | * + Number of Joint Stock companies | Nr |  |  |  |  |  |
|  | Number of private companies | Nr |  |  |  |  |  |
|  | * + The number of enterprises with 100% foreign capital: | Nr |  |  |  |  |  |
|  | * Timber consumption/report year |  |  |  |  |  |  |
|  | * + Volume of rounded wood consumed/report year | M3 |  |  |  |  |  |
|  | * + Volume of sawn timber consumed/report year | M3 |  |  |  |  |  |
|  | * + Volume of MDF consumed/ report year | M3 |  |  |  |  |  |
|  | * Processed products |  |  |  |  |  |  |
|  | * + Quantity | M3 |  |  |  |  |  |
|  | * + Total production value | VND |  |  |  |  |  |
|  | * + Export value | VND |  |  |  |  |  |
| ***10.7*** | ***Management board of watershed protection forest in 63 provinces/city*** |  |  |  |  |  |  |  |
| **10.7.1** | **Lai Chau province** |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * Total number of Management board of watershed protection forest | Nr |  |  |  |  | X |  |
|  | * Total allocated area; | Ha |  |  |  |  | X |  |
|  | * Information about managed area (ha) |  |  |  |  |  | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |  |
|  | * + Barren forest land | Ha |  |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | ha |  |  |  |  |  |  |
|  | * Information about managed forest area |  |  |  |  | X | X |  |
|  | * + forest land having land use right certificate | Ha |  |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |  |
|  | * + Joint venture land | Ha |  |  |  |  |  |  |
|  | * + Encroach forest area | Ha |  |  |  |  |  |  |
|  | * + Dispute forest area | Ha |  |  |  |  |  |  |
|  | * + Converted forest area; | Ha |  |  |  |  |  |  |
|  | * + Unused land area; | Ha |  |  |  |  |  |  |
|  | * + Forest land area is reallocated to communes | Ha |  |  |  |  |  |  |
|  | * + Forest land areas are contracted with: | Ha |  |  |  |  | X |  |
|  | * Households to protect forest; | Ha |  |  |  |  |  |  |
|  | * Local communities to protect forest; | Ha |  |  |  |  |  |  |
|  | * Other entities; | Ha |  |  |  |  |  |  |
|  | * The financial income: |  |  |  |  |  |  |  |
|  | * + Government budget; | VND |  |  |  |  | X |  |
|  | * + Provincial budget; | VND |  |  |  |  | X |  |
|  | * + Equity; | VND |  |  |  |  | X |  |
|  | * + Other sources; | VND |  |  |  |  | X |  |
|  | * + Timber harvesting; | VND |  |  |  |  | X |  |
|  | * + Bamboo harvesting; | VND |  |  |  |  | X |  |
|  | * + Harvesting other forest products; | VND |  |  |  |  | X |  |
|  | * + Forest environmental services; | VND |  |  |  |  | X |  |
| **10.7...** | **Province ...** |  |  |  |  |  |  |  |
| **10.7.63** | **Ca Mau Province** |  |  |  |  |  |  |  |
| **...** | **....** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ***10.8*** | ***Management board of watershed protection forest entire country*** |  | ***Department of forestry production management - VNFOREST*** |  |  |  |  |  |
|  | * Total number of Management board of watershed protection forest | Nr |  |  |  |  | X |  |
|  | * Total allocated area; | Ha |  |  |  |  | X |  |
|  | * Information about managed area (ha) | Ha |  |  |  |  | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |  |
|  | * + Barren forest land | Ha |  |  |  |  |  |  |
|  | * + Other land (agriculture land, non-agriculture land, v.v..) | Ha |  |  |  |  |  |  |
|  | * Information about managed forest area |  |  |  |  | X | X |  |
|  | * + forest land having land use right certificate | Ha |  |  |  |  |  |  |
|  | * + Land for leasing | Ha |  |  |  |  |  |  |
|  | * + Join venture land | Ha |  |  |  |  |  |  |
|  | * + Encroach forest area | Ha |  |  |  |  |  |  |
|  | * + Dispute forest area | Ha |  |  |  |  |  |  |
|  | * + Converted forest area; | Ha |  |  |  |  |  |  |
|  | * + Unused land area; | Ha |  |  |  |  |  |  |
|  | * + Forest land area is reallocated to communes | Ha |  |  |  |  |  |  |
|  | * + Forest land areas are contracted with: | Ha |  |  |  |  | X |  |
|  | * Households to protect forest; | Ha |  |  |  |  |  |  |
|  | * Local communities to protect forest; | Ha |  |  |  |  |  |  |
|  | * Other entities; | Ha |  |  |  |  |  |  |
|  | * The financial income: |  |  |  |  |  |  |  |
|  | * + Government budget; | VND |  |  |  |  | X |  |
|  | * + Provincial budget; | VND |  |  |  |  | X |  |
|  | * + Equity; | VND |  |  |  |  | X |  |
|  | * + Other sources; | VND |  |  |  |  | X |  |
|  | * + Timber harvesting; | VND |  |  |  |  | X |  |
|  | * + Bamboo harvesting; | VND |  |  |  |  | X |  |
|  | * + Harvesting other forest products; | VND |  |  |  |  | X |  |
|  | * + Forest environmental services; | VND |  |  |  |  | X |  |
| ***10.9*** | ***Forestry farm in 63 province/city*** |  |  |  |  |  |  |  |
| **10.9.1** | **Lai Chau province** |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * Total forestry farm | Ha |  |  |  | X |  |
|  | * Total forest land managed by the forestry farm (ha) | Ha |  |  |  | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Barren forest land (ha) | Ha |  |  |  | X |  |
|  | * Forest land having forest land use right certificate (ha) | Ha |  |  |  | X |  |
|  | * Average number of laborers/farm (person) | Nr |  |  |  | X |  |
|  | * Working capital/ farm (million VND) | VND |  |  |  | X |  |
|  | * Total asset | VND |  |  |  | X |  |
|  | * Total revenue | VND |  |  |  | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  |  | X |  |
|  | * Income per capital (million VND/year) | VND |  |  |  | X |  |
|  | * Paying taxes and fees | VND |  |  |  |  |  |
| **10.9....** | **Province ...** |  |  |  |  |  |  |
| **10.9.63** | **Ca Mau Province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
| **10.10** | **Forestry farm in the whole country** |  | **Department of forestry production management (VNFOREST) – General statistics Office** |  |  |  |  |  |
|  | * Total forest farm | Ha |  |  |  |  |  |
|  | * Total forest land managed by the forestry farm (ha) | Ha |  |  |  | X |  |
|  | * + Natural forest (ha) | Ha |  |  |  | X |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Barren forest land (ha) | Ha |  |  |  |  |  |
|  | * Forest land having forest land use right certificate (ha) | Ha |  |  |  | X |  |
|  | * Average number of laborers/farm (person) | Nr |  |  |  | X |  |
|  | * Working capital/ farm (million VND) | VND |  |  |  | X |  |
|  | * Total asset | VND |  |  |  | X |  |
|  | * Total revenue | VND |  |  |  | X |  |
|  | * Annual profit (according to quarter or year) | VND |  |  |  | X |  |
|  | * Income per capital (million VND/year) | VND |  |  |  | X |  |
|  | * Paying taxes and fees | VND |  |  |  | X |  |
|  |  |  |  |  |  |  |  |  |
| ***10.11*** | ***Smallholder (HGĐ) in 63 province/city*** |  |  |  |  |  |  |  |
| **10.11.1** | **Lai Chau province** |  |  | **Information Technology Group of National park** |  |  |  |  |
|  | * Number of smallholders (HGĐ) | Nr |  |  |  | X |  |
|  | * Total forest land and forest managed by smallholders (ha) | Ha |  |  |  | **X** |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Bared forest land (ha) | Ha |  |  |  |  |  |
|  | * Forest land having forest land use right certificate (ha) | Ha |  |  |  | **X** |  |
|  | * Average number of laborers/household (person) | **Nr** |  |  |  | **X** |  |
|  | * Income per capital/ household (million VND) | **VND** |  |  |  | **X** |  |
| **10.11....** | **Province ...** |  |  |  |  |  |  |
| **10.11.63** | **Ca Mau Province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
| **10.11** | **Smallholders (HGĐ) in entire country** |  | **Department of forestry production management (VNFOREST) – General statistics Office** |  |  |  |  |  |
|  | * Number of smallholders (HGĐ) | Nr |  |  |  | X |  |
|  | * Total forest land and forest managed by smallholders (ha) | Ha |  |  |  | **X** |  |
|  | * + Natural forest (ha) | Ha |  |  |  |  |  |
|  | * + Plantation (ha) | Ha |  |  |  |  |  |
|  | * + Bared forest land (ha) | Ha |  |  |  |  |  |
|  | * Forest land having forest land use right certificate (ha) | Ha |  |  |  | **X** |  |
|  | * Average number of laborers/household (person) | **Nr** |  |  |  | **X** |  |
|  | * Income per capital/ household (million VND) | **VND** |  |  |  | **X** |  |
|  |  |  |  |  |  |  |  |  |
| **11** | **The capital sources for forest protection and development** |  |  |  |  |  |  |  |
| ***11.1*** | ***The capital sources for forest protection and development in 63 provinces/city*** |  |  |  |  |  |  |  |
| **11.1.1** | **Lai Chau province** |  |  | **Information Technology Group of National park** |  |  |  |  |
| a) | Government budget | VND |  |  |  | X |  |
| *-* | *30a program* | VND |  |  |  |  |  |
| *-* | *Apart from 30a program’s budget* | VND |  |  |  |  |  |
| b) | ODA finance | VND |  |  |  | X |  |
| c) | Provincial capital | VND |  |  |  | X |  |
| d) | Provincial forest environmental funds | VND |  |  |  | X |  |
| e) | Finance from companies (both private and state owned companies) | VND |  |  |  | X |  |
| g) | Other sources | VND |  |  |  | X |  |
| **11.1....** | **Province ...** |  |  |  |  |  |  |
| **11.1.63** | **Ca Mau Province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |
| ***11.2*** | ***The capital sources for forest protection and development in the whole country*** |  | **Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| a) | Government budget | VND |  |  |  | X |  |
| *-* | *30a program* | VND |  |  |  |  |  |
| *-* | *Apart from 30a program’s budget* | VND |  |  |  |  |  |
| b) | ODA finance | VND |  |  |  | X |  |
| c) | Provincial capital | VND |  |  |  | X |  |
| d) | Provincial forest environmental funds | VND |  |  |  | X |  |
| e) | Finance from companies (both private and state owned companies) | VND |  |  |  | X |  |
| g) | Other sources | VND |  |  |  | X |  |
| **12** | **Payment for forest environmental services (PFES)** | VND |  |  |  |  |  |  |
| ***12.1*** | ***Payment for forest environmental services in 63 province/city*** |  |  |  |  |  |  |  |
| 12.1.1 | Lai Chau province |  |  | **Information Technology Group of National park** |  |  |  |  |
| a) | Total amount received from FES users | VND |  |  | **X** | **X** |  |
| - | Total received amount of money | VND |  |  |  |  |  |
| - | Remained amount of money | VND |  |  |  |  |  |
| b) | Total amount of money paying for FES suppliers | VND |  |  | **X** | **X** |  |
| c) | Forest areas contracted between entities with funds of forest environmental services to protect the forest | Ha |  |  | **X** | **X** |  |
| d) | Forest areas contracted between entities with funds of forest environmental services to protect and regenerate the forest | Ha |  |  | **X** | **X** |  |
| e) | Nnumber of household or household groups receiving money from providing forest environmental services | Nr |  |  | **X** | **X** |  |
| ***11.1....*** | ***Province ...*** |  |  |  |  |  |  |
| **11.1.63** | **Ca Mau Province** |  |  |  |  |  |  |
| ... | .... |  |  |  |  |  |  |  |
| ***12.2*** | ***Payment for forest environmental services in the whole country*** |  | ***VNFF* or Steering office of Government of Forest Protection and Development (Division 57) - Report 241** |  |  |  |  |  |
| a) | Total amount received from FES users | VND |  |  | **X** | **X** |  |
| - | Total received amount of money | VND |  |  |  |  |  |
| - | Remained amount of money | VND |  |  |  |  |  |
| b) | Total amount of money paying for FES suppliers | VND |  |  | **X** | **X** |  |
| c) | Forest areas contracted between entities with funds of forest environmental services to protect the forest | Ha |  |  | **X** | **X** |  |
| d) | Forest areas contracted between entities with funds of forest environmental services to protect and regenerate the forest | Ha |  |  | **X** | **X** |  |
| e) | Number of household or household groups receiving money from providing forest environmental services | Nr |  |  | **X** | **X** |  |
|  |  |  |  |  |  |  |  |  |
| **13** | **Forestry economics and finance** |  | **Steering office of Government of Forest Protection and Development (Division 57) ; General Statistic Office; And Forestry Economics Research Centre – Vietnamese Academy of Forest Sciences** |  |  |  |  |  |
| ***13.1*** | ***Indicators of forestry economics*** |  |  |  | **X** | **X** |  |
|  | The value of forestry production under economic classification | VND |  |  |  |  |  |
|  | The value of forestry production stipulated in the Vietnamese forestry development strategy | VND |  |  |  |  |  |
|  | Value added (VA) of forestry sector under economic classification | VND |  |  |  |  |  |
|  | Value added (VA) of forestry sector in compliance with stipulation of Vietnamese forestry development strategy | VND |  |  |  |  |  |
|  | Value added (VA) structure of forestry sector |  |  |  |  |  |  |
|  | - VA structure under economic classification/GDP (%) | % |  |  |  |  |  |
|  | - VA structure under Vietnamese forestry development strategy/GDP (%) | % |  |  |  |  |  |
|  | The growth rate of forestry production |  |  |  |  |  |  |
|  | -The growth rate of the value of forestry production according to economic classification (%) | % |  |  |  |  |  |
|  | - The growth rate of the value of forestry production according to Vietnamese forestry development strategy/GDP (%) | % |  |  |  |  |  |
|  | - The growth rate of Value added (VA)according to economic classification (%) | % |  |  |  |  |  |
|  | - The growth rate of Value added (VA) according to Vietnamese forestry development strategy/GDP (%) | % |  |  |  |  |  |
| ***13.2*** | ***Index constructing economic value of forestry sector*** |  |  |  | **X** | **X** |  |
| **a)** | According to economic classification |  |  |  |  |  |  |
|  | The value of the forestry production in planting and maintaining forest | VND |  |  |  |  |  |
|  | The value of the forestry production in harvesting timber and non-timber forest products | VND |  |  |  |  |  |
|  | The value of the forestry production in collecting non-timber forest products | VND |  |  |  |  |  |
|  | The value of the forestry production in providing forestry services | VND |  |  |  |  |  |
|  | ~~The value added of the forestry production in planting and maintaining forest~~ | VND |  |  |  |  |  |
|  | ~~The value added of the forestry production in harvesting timber and non-timber forest products~~ | VND |  |  |  |  |  |
|  | ~~The value added of the forestry production in collecting non-timber forest products~~ | VND |  |  |  |  |  |
|  | ~~The value added of the forestry production in providing forestry services~~ | VND |  |  |  |  |  |
| **b)** | According to Vietnamese forestry development strategy |  |  |  |  |  |  |
|  | The value of the forestry production in planting and maintaining forest | VND |  |  |  |  |  |
|  | The value of the forestry production in harvesting timber and non-timber forest products | VND |  |  |  |  |  |
|  | The value of the forestry production in collecting non-timber forest products | VND |  |  |  |  |  |
|  | The value of the forestry production in providing forestry services | VND |  |  |  |  |  |
|  | The value of the forestry production in providing forest environmental services | VND |  |  |  |  |  |
|  | The value of the forestry production in processing timber and other forest product (classification 16) | VND |  |  |  |  |  |
|  | The value of the forestry production in producing begs, chairs classification 310) | VND |  |  |  |  |  |
|  | ~~The value added of the forestry production in planting and maintaining forest~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production in harvesting timber and non-timber forest products~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production in collecting non-timber forest products~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production in providing forestry services~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production in providing forest environmental services~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production in processing timber and other forest product (classification 16)~~ |  |  |  |  |  |  |
|  | ~~The value added of the forestry production inproducing begs, chairs classification 310)~~ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **14** | **International cooperation** |  | Department of Science, Technology and International Cooperation (DOSTIC) and management board of forestry projects |  |  |  |  |  |
| ***14.1*** | ***System of international document/agreements*** |  |  |  |  |  |  |
|  | United nation convention on illegal trading endangered species (CITES) | **Doc** |  |  |  |  |  |
|  | United nation convention on biodiversity (UNCBD) | **Doc** |  |  |  |  |  |
|  | United nation convention on copping desertification (UNCCD) | **Doc** |  |  |  |  |  |
|  | United nation convention on climate change (UNFCCC) |  |  |  |  |  |  |
|  | Convention on wetland (RAMSAR) | **Doc** |  |  |  |  |  |
|  | Reduce emission from deforestation and forest degradation (REDD+) | **Doc** |  |  |  |  |  |
|  | International Timber Trade Organization (ITTO) | **Doc** |  |  |  |  |  |
|  | Global Forest Resources Assessment of FAO (FRA) | **Doc** |  |  |  |  |  |
| ***14.2*** | ***Cooperation projects*** |  |  |  |  |  |  |
|  | Name of the projects | **Doc** |  |  |  |  |  |
|  | Field of project activities | **Doc** |  |  |  |  |  |
|  | Donor | **Doc** |  |  |  |  |  |
|  | Total commitment (USD) | **USD** |  |  |  |  |  |
|  | Total co-fund (USD) | **USD** |  |  |  |  |  |
|  | Total project fund (USD) | **USD** |  |  |  |  |  |
|  | Main products | **Doc** |  |  |  |  |  |
|  | Lessons learned | **Doc** |  |  |  |  |  |
| **15** | **Reporting system** |  | VNFOREST | **Information Technology Group of National park** |  |  |  |  |
| 16.1 | Report on forest protection activities (Month, quarter and year) | **Doc** |  |  |  |  |  |  |
| 16.2 | Report on hotspot of forest fire and deforestation (Quick report) | **Doc** |  |  |  |  |  |  |
| 16.3 | Report on changes in forest resources | **Doc** |  |  |  |  |  |  |
| 16.4 | Report on forest allocation and management of slash and burn land | **Doc** |  |  |  |  |  |  |
| 16.5 | Report on forest inventory and assessment | **Doc** |  |  |  |  |  |  |
| 16.6 | Report on forest protection and development fin compliance with decision 241 (Forest Protection and Development) | **Doc** |  |  |  |  |  |  |
| 16.7 | Report on monitoring forest conservation (Month, quarter and year) | **Doc** |  |  |  |  |  |  |
| 16.8 | Report on CITES (quarter and year) | **Doc** |  |  |  |  |  |  |