# MID-TERM EVALUATION
DOCUMENT CRF(LVI)/4

## FOREST FIRE PREVENTION AND RESPONSE IN TROPICAL FORESTS AND FOREST PLANTATIONS IN PERU
### (PP-A/56-340-2)

**Manoel Sobral Filho**

# FOREST FIRES ARE GETTING WORSE

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WITH GLOBAL WARMING, DROUGHTS, HEAT AND LOW HUMIDITY  ARE BECOMING MORE EXTREME

NUMBER OF DAYS WITH EXTREME FIRE WEATHER HAVE INCREASED

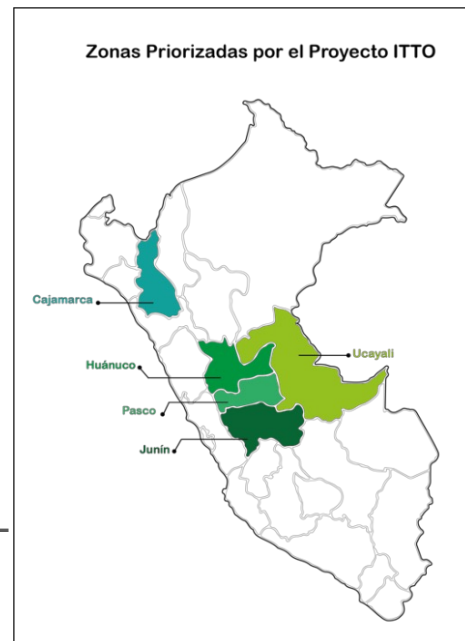LENGTH OF FOREST FIRE SEASON HAS INCREASED 27% SINCE THE 1980s

# THE PROJECT OBJECTIVES

DEVELOPMENT OBJECTIVE

> TO CONTRIBUTE TO CONSERVATION OF FOREST ECOSYSTEMS/WILD                                      VEGETATION UNDER THREAT OF FOREST FIRES

SPECIFIC OBJECTIVE

> TO REDUCE OCCURRENCE OF AND DAMAGE BY FOREST FIRES BY                           IMPROVING PREVENTION AND CONTROL OF FOREST FIRES BY      NATIONAL AND REGIONAL AUTHORITIES AND LOCAL COMMUNITIES



Zonas Priorizadas por el Proyecto ITTO

# MID-TERM EVALUATION OBJECTIVES

ASSESS PROGRESS OF IMPLEMENTATION

IDENTIFY/EXPEDITE ADOPTION OF MEASURES TO ENSURE SUCCESSFUL PROJECT COMPLETION

## THE EVALUATION PROCESS

DESK REVIEW OF DOCUMENTS AND MATERIALS PROVIDED BY THE ITTO SECRETARIAT - May 2022

MISSION TO PERU TO WORK CLOSELY WITH SERFOR - June 2022

REPORT WRITING - June-July 2022

# THE PROJECT SITUATION IN JUNE 2022

- Over 1,100 persons attended training/capacity building activities (80% of the target)
- Sound coordination and strengthened forest fire prevention and response (100% achieved)
- Reduced forest loss caused by forest fires (achieved)

# FINDINGS,CONCLUSIONS AND RECOMMENDATIONS

1) **IN SPITE OF IMPLEMENTATION CONSTRAINTS THE PROJECT WAS ON TRACK FOR SUCCESSFUL COMPLETION, BUT....**

2) In 2021 the 5 departments covered by the project had a lower forest area affected by fire

3) SERFOR's UFMS geographical information system and teledetection work significantly improved

4) The ambitious capacity building/training component was nearly completed, BUT......

5) Sustainability to improve uptake of project results

6) The project was having an important "seed" effect

7) Recommended measures

# FINDINGS,CONCLUSIONS AND RECOMMENDATIONS

1) In spite of implementation constraints the project was on track for successful completion, BUT….

2) **IN 2021 THE 5 DEPARTMENTS COVERED BY THE PROJECT HAD A LOWER FOREST AREA AFFECTED BY FIRE**

3) SERFOR's UFMS geographical information system and teledetection work significantly improved

4) The ambitious capacity building/training component was nearly completed, BUT……

5) Sustainability to improve uptake of project results

6) The project was having an important "seed" effect

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2) In 2021 the 5 departments covered by the project had a lower forest area affected by fire

3) **SERFOR'S UFMS GEOGRAPHICAL INFORMATION SYSTEM AND TELEDETECTION WORK SIGNIFICANTLY IMPROVED**

4) The ambitious capacity building/training component was nearly completed, BUT……

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7) **RECOMMENDED MEASURES**

# SOME LESSONS LEARNED

- REDUCING FOREST FIRE AND FOREST LOSS IS POSSIBLE
- GOVERNMENT AGENCIES OFTEN NEED MORE IMPLEMENTATION TIME
- FREQUENT CHANGES IN PROJECT MANAGEMENT CAUSE UNAVOIDABLE IMPLEMENTATION DELAY

# EA RESPONSE TO RECOMMENDATIONS

| Evaluation Report Recommendations | B) Response to recommendations (e.g. 'accept', 'partially accept' or 'reject' – please provide a brief explanation) |
|---|---|
| **Recommendation 1**<br>When designing similar projects for future implementation by government agencies, attention should be paid to planning for longer duration projects | **TO ACCEPT**<br>In the design of projects, at the time of programming, it is necessary to consider a longer duration. A year of implementation is very little time for what you want to achieve, the execution time of a project not only implies an initial awareness process, then the implementation itself and finally implies a whole time for the final closing process (financial closing). and technical), which goes beyond the programmatic activities themselves. |
| **Recommendation 2**<br>Continue to motivate the commitment and participation of local communities and fire brigades in forest fire prevention and response | **TO ACCEPT**<br>The fact that SERFOR is the implementing entity is a great advantage, since the actions carried out do not end with the very end of the project, but other SERFOR Directorates will take charge of the continuity of carrying out a multiplier effect, and of replication, in actions in the regions covered by the Project (mainly through the ATFFs). In a complementary manner, from the General Directorate of Information and Forestry and Wildlife Management and through the Directorate for Strengthening Capacities, they will continue to influence field work , with rural populations, with producers, with forest brigades, with district municipalities, with communities, among other actors, for the prevention of forest fires. |
| **Recommendation 3**<br>Expand project results to additional Peruvian Departments beyond the 5 target Departments | **TO ACCEPT**<br>The Project has developed a set of tools and products with which a multiplier effect can be perfectly achieved in any part of the national territory (in addition to the area of intervention), in the following topics:<br>1) Training products (content of training courses for authorities, forestry brigades and rural producers. In addition, manuals and intervention protocols have been prepared. In addition, the Project has updated the digital platform of SERFOR EDUCA, through which they can provide training and workshops virtually, at any time.<br>2) Forest fire monitoring products: The Project team has prepared reports related to the prevention of forest fires, and it has been possible to update the information that currently serves to transmit valuable information to the regional authorities for the prevention of fires. forest fires. This information is valid for all regions of the country. |

| | 3) Communication products: The Project has designed and produced dissemination material such as videos, photos, infographics, banners, brochures, radio spots, among others, which has allowed various dissemination events to be held at the national, regional and local levels, as well as also in 2 international events. These materials are currently available to SERFOR to be disseminated to any region of the country, at any time. |
|---|---|
| **Recommendation 4**<br>Continue to strengthen SERFOR's GIS and RS unit to monitor forest cover and issue alerts on forest fires | **TO ACCEPT**<br>Through the Project, the GIS and Remote Sensing team has implemented a series of activities, mainly information production: Heat reports, forest fire alerts, surveillance reports, individual reports of forest fire scars and scar elaboration. All this information served to update the existing data in the Directorate of Information and Forest and Wild Fauna Planning. Currently, there is a team of professionals who are trained to continue providing this information to the entire country (not only in the regions covered by the Project). This recommendation is currently being implemented. |
| **Recommendation 5**<br>Conduct SERFOR's internal ex-post evaluation of the project to assess its benefits and impacts | **TO ACCEPT**<br>The evaluation processes will always mean a contribution to the actions developed, in this sense, it will be positive to propose an internal ex post evaluation of the institution, particularly in the areas where the project has been implemented. |

Name, Title and Institution of Respondent:

*Ing. Desiderio Erasmo Otárola Acevedo*
*Director General*
*Dirección General de Información y Ordenamiento Forestal y de Fauna Silvestre - SERFOR*

**Date: August 18th, 2022**

THANK YOU VERY MUCH FOR YOUR ATTENTION