



NARRATIVE REPORT

- This report must be completed and signed by the contact person.
- The information provided below must correspond to the financial information that appears in the financial report.
- Please complete the report using a typewriter or computer (**you can find this form at <Specify>**).
- Please enlarge the paragraphs if necessary.
- **Please refer to the Special Conditions of your grant agreement and send a copy of the report to each address mentioned.**
- The Contracting Authority will reject any incomplete or poorly completed report.
- The answer to each question must cover the reporting period as specified in 1.6.

1. Description

- 1.1. Name of the beneficiary of the grant contract: Jonathan Palmer
- 1.2. Name and function of the contact person: Executive Director, Office of Strategic Technology
- 1.3. Name of the partners of the Action: Wildlife Conservation Society and the SMART Partnership
- 1.4. Title of the Action: SMART Major Platform Upgrade including Advance AI Analyses Concept
- 1.5. Contract number: C150
- 1.6. Start and end date of the reporting period: 01 March 2019 - 30 August 2019
- 1.7. Country or region (s) target (s): Global (600+ sites in 55 countries), Central Africa
- 1.8. final beneficiaries & / or target group¹ (if different) (including numbers of women and men):
- 1.9. Country in which / where the activities take place (if different from 1.7) :

2. Evaluation of the implementation of the activities of the Action

2.1. Summary of the Action

Please provide an overview of the implementation of the Action during the reporting period (no more than 1/2 page).

¹ The "target groups" are the groups / entities for which the project will have had a direct and positive contribution to the project objective, and the "final beneficiaries" are those who will benefit from the long-term project at the level of the company. or a sector.

ANNEX VI

The Spatial Monitoring and Reporting Tool (SMART) is the leading global tool for wildlife law enforcement and protected area monitoring. Significant upgrades to the SMART platform (SMART 7) is underway to deliver a suite of services using AI-informed patrol planning and behaviour modeling. With support from COMIFAC, Phase 1 of the SMART 7 development has been completed to advance and expand AI functionality and enhance SMART Connect and Cybertracker integration.

2.2. Activities and results

Please list all the activities of the contract executed during the reporting period in accordance with Annex 1.

Activity 1:

Expansion of SMART AI Functionality: AI Integrations for advanced predictive patrol planning.

SMART AI development and integrations continues to be the primary focus of SMART 7 development at this stage. The PAWS API has been built to leverage PAWS AI models to recommend patrol planning routes in SMART. The following new functionality has been completed:

- Add new background layers like roads, rivers, towns.
- Allow selection of layers, Queries etc for AI export
- Sending of data to PAWS, tracking incremental uploads
- Connect GUI for managing uploads
- Download the results and save to CA, sync down to desktop
- Allow adding to Map and Report Maps
- GUI for tracking old results, ensure recent maps selection
- Integration viewing results with Patrol Planning Module.
- Create and organize new AI plug-in

Four iterations of the PAWS API has been completed. Microsoft and Harvard University aim to complete the next iteration of PAWS API functionality by Dec 2019 and then we will enter a testing phase Q1 2020.

Activity 2:

SMART App Enhancement: Ability for CyberTracker to Download Configurable Models from SMART Connect

New SMART Connect API has been developed to allow SMART desktop users with correct permissions to view a list of named configurable models (e.g., "Poacher Patrols", "Tiger Survey"). and download these configurable models directly from SMART Connect to the CyberTracker mobile application. CyberTracker can then display the list and allow mobile users to view and select one and load it into their mobile device's CyberTracker folder. This allows rangers and other users in the field to retrieve or update data model packages directly on their mobile devices from anywhere with an internet connection. This SMART Apps enhancement has been completed and will be released in SMART 7 in 2020.

2.3. Please list the activities that were planned and that could not be implemented and provide an explanation of the reasons.

ANNEX VI

Additional SMART 7 platform enhancements for the SMART profiles plugin and other functionality are planned for Q1 and Q2 of 2020 including:

- Multi-Profiles plugin
- A permissions system for these multiple profiles
- Add a “Query for Records” tool and improve other existing query and analysis tools for profile data creation.
- Option to add entities to the data model
- Developing template creation tools for profiles
- Upgrade script for converting SMART 6 Profiles to SMART 7 Multi-Profiles
- Plug-in for generating sample data and demo scripts

Note: These enhance were not planned for the first term.

2.4. How do you evaluate the results of the Action achieved so far? Include your observations on the performance and achievement of outputs, inputs and impact against the specific and overall objectives and indicate whether the Action has had unexpected positive or negative results (please quantify where possible and refer to Logical Framework indicators).

Please list the potential risks that may have compromised the completion of certain activities and explain how they were handled (please refer to the Logical Framework indicators).

If necessary, please submit a revised Logical Framework highlighting the changes.

WCS and the SMART Partnership has been able to ensure that our main developer, Refractions has completed work on schedule, within budget and to our requirements. The two biggest risks the project has had is the external dependencies on Microsoft and the Harvard University's AI group. They do not have contractual obligations to deliver but have a strong commitment and through bi-weekly check-ins we are able to manage this risk.

Please list all the contracts (works, supplies, services) of more than € 10,000 awarded for the implementation of the action during the reporting period, indicating for each of them the amount, the award procedure followed and the name of the contractor;

- Refractions Research Contract for Grant Contract C150
 - Project scope: SMART Major Platform Upgrade including Advanced AI Analyses Concept
 - Term: 01 APR 2019 – 31 AUG 2020
 - Total Fees: US\$145,000
 - Contractor: Refractions Research

ANNEX VI

2.5. Please provide an updated action plan²

Year														
Activity	Semester 1						Semester 2						Implementing organization	
	Month 1	2	3	4	5	6	7	8	9	10	11	12		
<i>Example</i>	<i>example</i>													<i>Example</i>
Preparation Activity 1 (heading)														Local Partner 1
Execution Activity 1 (heading)														Local Partner 1
Preparation Activity 2 (entitled)														Local Partner 2
Etc.														

3. Partners and other cooperation

3.1. How do you evaluate the relations between the formal partners of this Action (ie partners who have signed a partnership declaration)? Please provide specific information for each partner organization.

The Spatial Monitoring and Reporting Tool (SMART) was developed by the SMART Partnership, a group of conservation organizations whose mission is to conserve biodiversity, reduce the impacts of illegal extraction and trade of natural resources, strengthen law enforcement related to biodiversity conservation, and enhance overall management of conservation areas. Each partner organization brings technical and field expertise and experience to guide development and implementation of SMART Apps and integrations.

- Current SMART Partners:
- Frankfurt Zoological Society
 - Global Wildlife Conservation
 - North Carolina Zoo
 - Panthera
 - Peace Parks Foundation
 - Wildlife Conservation Society
 - World Wildlife Fund
 - Zoological Society of London

3.2. How do you evaluate the relations between your organization and the state authorities in the countries of the Action? How did these relationships affect the Action?

2

This plan will cover the financial period between the interim report and the next report.

ANNEX VI

- 3.3. If applicable, describe your relationship with any other organization involved in the implementation of the Action:
- Associate (s) (if existing)
 - Subcontractor (s) (if existing)
 - Final beneficiaries and target groups
 - Other third parties involved (including other donors, other government agencies or local government units, NGOs, etc.).
- 3.4. If so, describe the links and synergies that you would have developed with other actions.
- 3.5. If your organization has previously received other EU grants with the objective of supporting the same target group, to what extent has this Action been able to strengthen / complement the previous one (s)? (List all relevant EU grants above).

ANNEX VI

FINANCIAL REPORT

Certified Forest Operation Promotion Program# Report: [●]

Contractual Terms						Expenditures Completed		
1	2	3	4	5	6	7	8	9
Item ¹	Description ²	Unit ³	Number ⁴	Rate compensation ⁵ Currency	Amount contract ⁶ Currency	Amount Already spent ⁷ Money	Amount Spent for period ⁸ Currency	Current cumulative ⁹ Money
1								
2								
3								
4								
5								
Total					0,00	0,00	0,00	0,00
minus the deposit collected (if any)							0,00	
Amount of the invoice							0,00	

Abbreviations and explanations:

- 1 Reference according to the expense sheet included in the contract
- 2 Eg. field, staff costs, travel costs
- 3 Eg. hours, days, months, thefts, objects
- 4 Numerical unit
- 5 Cost per unit
- 6 Total price agreed in the contract (column 4 x column 5)
- 7 Amount already invoiced previously

- 8 Services included in this invoice
- 9 Total amount previously invoiced (column 8)
- 10 Amount of the contract less the cumulative amount (column 9)

Currency = currency of account agreement

ANNEX VI

Name of the contact person for the Action :

Signature:

Locality:

Date on which the report was due:

Date of dispatch of the report: