

Application Form

Innovation and Learning Fund 2021

SNRD Asia and the Pacific



Please complete the table below and submit it to snrd-asia@giz.de by **27th January 2021**.

| Name of the WG | |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the WG Speaker / Co- Speaker | Terence Dacles (H2O WG), Stefan Groenewold (interim) |
| Name of lead proponents a) technical staff b) project lead AV c) project name d) country | <ul style="list-style-type: none"> a) Dhali Panchanon Kumar (GIZ SMP, Bangladesh) b) Stefan Alfred Groenewold (Bangladesh); Terence Dacles (Philippines); Bastian Flury (Laos) c) Wildlife protection in practice: Animated video on "How to do SMART?" d) Bangladesh (Support to the Management of the Sundarbans, SMP-II), Philippines (Sustainable protection of coastal ecosystems and communities from impacts of climate change, ProCoast), Laos (Forest Ecosystems and Biodiversity, ProFEB). |
| Amount Applying for (between 5,000 – 15,000 Euro) | 15,000 EURO |
| Is the amount foreseen to be co-financed with another project / unit / SN? | Yes, a national consultancy will be co-financed by SMP-II (Management of the Sundarbans Reserve Forests, Bangladesh) with up to 8,000 EUR |
| Cost type (in %) | International / local consultant contract (100 %) International service contract (company for animation pictures). Local/national consultancy contract for compilation of needed information on SMART practice in 3 practicing countries and 2 outreach countries (India, |

| | |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>Sri Lanka) and for facilitating a webinar (SMART knowledge transfer).</p> <p>Meeting packages (0 %) External travel cost (0 %) etc. (%)</p> |
| <p>Title of the Innovation / Learning activity</p> | <p>Wildlife protection in practice: Animated video on “How to do SMART?” based on experiences and best practices from 3 different countries and ecosystems (marine and terrestrial).</p> |
| <p>Description of the Innovation / Learning activity (1-2 paragraphs)</p> | <p>Context SMART (Spatial Monitoring and Reporting Tool) is an evidence-based data collection and reporting tool for wildlife and forestry law enforcement monitoring. SMART is a combination of software, training materials and implementation standards for systematic law enforcement and monitoring by frontline rangers, patrols but also trained laymen. The objective of SMART is the reduction of poaching, the improvement of law enforcement effectiveness in protected areas (PA) and gaining of standardized GIS-enabled data on incidents, observations of rare species and human activities. Depending on the local needs and conditions, the SMART application can also be designed and used to monitor threats, illegal fishing, logging, changes in land use and others. In principle this client-tailored software can be applied wherever observations by frontline rangers and witnesses on location and time of incidents and observation are used to improve wildlife management and conservation. SMART software can be installed on cellphones or specific cyber-tracker which are tracking observations and positions for a GIS database.</p> <p>Objective of this proposal An animated learning video on SMART applications will encourage and facilitate a better understanding and wider use of this digital tool in different ecological settings and hence improve the protection of wildlife in south and southeast Asian countries</p> <p>Activities under this proposal All activities will be conducted in a virtual format in consideration of the current threats and challenges due to COVID-19. The proposed action will have three activity: Activity 1: collecting and compiling information on best practices of SMART applications from 3 different countries and identify the steps and parameters that those applications have in common. Next to a brief report document, a video/film script is produced on the essential and common steps which</p> |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>must be taken for the successful introduction and practice of SMART in protected areas.</p> <p>Activity 2: Based on this script, an animated, instructional video (short film of 5-10 min) is produced visualizing the essential steps “how SMART works”. The leading model will be the application of SMART in the Sundarbans Reserved Forest in Bangladesh where SMART is applied since several years. Data collection, data entry, generating maps and reports, and how to use this information for a knowledge-based planning of patrolling is shown. The animated video is subtitled and dubbed in English language. Subtitles in other languages might be optional.</p> <p>Activity 3: organizing a webinar and sharing the animated video with partner countries and related platforms (SNRD AP WG and Panorama solutions).</p> |
| <p>Objectives of the Innovation / Learning activity</p> <p>To which of the following categories would the results of this activity contribute?</p> <ul style="list-style-type: none"> • Mutual learning and knowledge transfer • Studies, manuals and publications • Workshops, Webinars & Trainings • Monitoring & Evaluation, focus on project results • Sectoral onboarding • Innovation promotion | <p>Objective of this proposal</p> <p>An animated learning video on SMART applications will encourage and facilitate a better understanding and wider use of this digital tool in different ecological settings and hence improve the protection of wildlife in south and southeast Asian countries</p> <p>Contribution to</p> <ul style="list-style-type: none"> • Mutual learning and knowledge transfer • Webinar training • Promotion of digital innovation |
| <p>What are the expected tangible results of the Innovation / Learning activity?</p> <p>What are the Impacts of the Innovation / Learning activity?</p> | <p>Please list the expected results / impacts:</p> <p>Results/output</p> <ul style="list-style-type: none"> • Animated video on SMART for training purposes and policy dialogues • Webinar on benefits, application and best practices of SMART <p>Impact</p> <p>One of the main challenges of biodiversity conservation is the standardized monitoring of observations and incidences as well as the effective law enforcement by patrolling. A digital tool like SMART supports the frontline rangers and other involved stakeholders to cope effectively with this challenge. The outputs of this learning activity will support the wider distribution and application of SMART.</p> |
| <p>Who will be the potential beneficiaries?</p> | <p>Projects on biodiversity conservation, wildlife protection, protected area management, law enforcement and local governance.</p> |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>Project partners organizations and government agencies who seek to improve the effectiveness of wildlife conservation and law enforcement. Community of potential practitioners who seek an easy to understand but substantial introduction to SMART applications. Introduction into SMART for training of frontline rangers but also policy and decision maker in different countries and ecological settings. SMART can be also designed for community participation as a community-based monitoring tool for PA management. Other external development partners e.g. USAID and NGOs - e.g. Zoological Society of London (ZSL), Wildlife Conservation Society (WCS), World Wildlife Fund (WWF) - working in the sector and with focus on law enforcement in biodiversity conservation, wildlife trade. GIZ will make a contribution to World Conservation Society SMART practitioners worldwide; furthermore, contribution to World Parks Congress, ASEAN Center for Biodiversity on PA Management is aimed for.</p> <p>All listed beneficiaries will be able to use the recorded webinar and animated learning video on SMART for trainings purposes and policy dialogue.</p> |
| <p>Why / How is it relevant / add value for SNRD Asia and Pacific, participating member projects, partners, commissioning parties?</p> <p>What are the concrete benefits for the participating member projects (and partner organisations)?</p> | <p>Please describe in 1-3 sentences why this topic is relevant for or benefit the SN project members, partners, commissioning parties.</p> <p>Law enforcement and capacity development are crucial components for effective biodiversity conservation programs. The government of Bangladesh decided recently to upscale SMART as it is practiced in the Sundarbans to all other PA's of the country following the national strategy developed with support by GIZ. There are running similar projects in the Philippines, Thailand and Laos with direct input or collaboration of GIZ. Projects in other countries (e.g. India, Sri Lanka) show strong interest in this digital tool and will acknowledge a communication product – the animated video - as produced due to the suggested innovation project. The generic idea of SMART is the same for any protected area and any ecosystem. How to set up SMART under different conditions, how to practice it and how to use the data for more effective PA management is of high benefit for all projects on biodiversity and marine conservation.</p> |

| | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>How many member projects would benefit from this?</p> | <p>Please list the names of interested / beneficiary projects with country here.</p> <p>Three “core projects” are contributing to the development of the animated learning video and the webinar:</p> <ul style="list-style-type: none"> • Support to the Management of the Sundarbans (SMP-II), Bangladesh • Sustainable protection of coastal ecosystems and communities from impacts of climate change (ProCoast), Philippines • Forest Ecosystems and Biodiversity (ProFEB), Laos <p>Biodiversity and marine projects within the SNRD AP network (8 projects) have expressed interest and will be involved in the scoping (1st activity): Philippines (3), Bangladesh (1), India (1), Laos (1), Sri Lanka (1). These projects are targeted for the Webinar. Other projects from Pacific, Indonesia and Thailand might join.</p> |
| <p>Expected time frame/ deadline</p> | <p>01 March – 30 November 2021 (9 months)</p> <p>March/April: Development TORs and contracting</p> <p>April/May: Awarding of contracts and Identify projects interested and scoping of SMART applications across GIZ programs in Asia and Pacific Region.</p> <p>May -July: Interviews/ questionnaires with GIZ projects and writeup by consultant; development of animation learning videos; webinar concept.</p> <p>August to September: animation learning video produced and evaluated, test webinar with 3 core group projects.</p> <p>October or begin November: Conduct of Webinar with animated video on SMART;</p> <p>November: Final documentation and submission of reports.</p> |
| <p>Other remarks</p> | <p>SMART Partnership since 2015</p> <p>http://www.smartconservationsoftware.org/</p> <p>Handbooks and manuals produced by SMP and other projects on SMART will be made available for the Webinar.</p> |