



Switzerland Tech4Nature Call for Interest

A Call for Interest to join the Tech4Nature partnership project created by IUCN and Huawei to test a Distributed Ledger Technology (DLT) based carbon sequestration methodology and validation platform by at least one protected area in Switzerland that provides a field-testing opportunity and relevant data.

Project context

Tech4Nature is a global partnership to scale up success in nature conservation through digital technology innovation. Created by IUCN and Huawei's TECH4ALL programme, Tech4Nature is designed as an open partnership to apply and promote digital solutions for fair and effective protected areas.

Tech4Nature aims to enable more than 300 protected areas worldwide to improve and evaluate their conservation success through the IUCN Green List Standard by 2023. This growing partnership will provide guidance on the appropriate use of technology in area-based conservation and directly involve the Information and Communications Technology (ICT) industry sector in supporting nature conservation.

In Switzerland, IUCN is working with Huawei Switzerland and with Porini Foundation as project partners to establish a Tech4Nature 'flagship country' project that can demonstrate the innovative use of technology for sustainability impact in a protected area.

The International Union for Conservation of Nature (IUCN) is a membership Union uniquely composed of both government and civil society organisations. It provides public, private and non-governmental organisations with the knowledge and tools that enable human progress, economic development and nature conservation to take place together.

Huawei is a leading global provider of ICT infrastructure and smart devices, committed to bringing digital to every person, home and organization for a fully connected, intelligent world.

Porini Foundation is a specialized Swiss non-profit organisation building the bridge between innovative technology and conservation to support the sustainable use of new technologies.

Porini Foundation creates a digital marketplace for carbon certificates that are aligned and linked to the IUCN Green List and Nature-Based Solutions (NBS) Standards. These carbon certificates prove the additional removal of greenhouse gas emissions from the atmosphere achieved by specific carbon reduction and/or sequestration efforts of the protected area. Each certificate documents the reduction or removal of one ton of carbon dioxide equivalent. Alignment with IUCN Green List and NBS standards guarantees the quality and long term integrity of the carbon certificates.

Project goals and timeline

1. Test a specific carbon methodology to identify, implement and assess opportunities for carbon reduction and/or sequestration in at least one Swiss protected area by the end of 2022 that will generate high quality certified carbon credits.
2. Pilot the transaction of generated carbon credits on a voluntary marketplace for certified carbon credits by June 2023.
3. Voluntarily commit to the IUCN Green List standard and begin the implementation process within the project duration timeline of 16 months: 01 March 2022 to 30 June 2023.

Criteria to be met to express interest for this call

Interested protected areas who wish to be considered to join this project are kindly requested to express interest with a brief written statement by indicating how they meet the following 3 criteria:

1. Interested in the issue of carbon reduction and/or sequestration in the protected area landscape and in generating high quality technology-enabled carbon credits.
2. Interested in voluntarily committing to the IUCN Green List Standard.



3. Interested in joining an innovative partnership between the conservation sector and the ICT sector.

If you are interested, please contact Mr. Roman Eyholzer, CEO of Porini Foundation, at roman.eyholzer@porini.foundation by 31 January 2022 with your brief written statement and to get additional information.

An MOU with all project partners will be signed by the end of February 2022.

We look forward to hearing from interested protected areas.