



# Natural Resources Management and Forestry



Over 50 years of high quality results together with our partners

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Since its establishment in 1949, FCG Finnish Consulting Group (FCG) has focused on environmentally and socially sustainable development and supporting the development of national institutions responsible for physical infrastructure and societal well-being. We provide services covering the entire project cycle worldwide in Africa, Asia, Europe, the Middle East, the Pacific and Latin America, having implemented more than five thousand projects in 150 countries worldwide.

FCG has implemented forestry and natural resource management related projects for various clients since the 1960s. From the start, we have emphasised the close relationship of forestry with agriculture, watersheds, rural energy and biodiversity. Forestry also plays an important role in society by creating employment and providing ecosystem services. The sustainable use of natural resources is a central tenet of FCG's work. It cuts across many sectors, including agriculture, forestry, rural development, biodiversity, water management, renewable energy, climate change adaptation and mitigation.

## Examples of Selected References

### Tanzania

#### **Forestry and Value Chains Development (FORVAC) – Ministry for Foreign Affairs, Finland, 7/2018–7/2022**

FORVAC strives to increase economic, social and environmental benefits from forests and woodlands whilst tackling deforestation. By working closely with local enterprises and communities, FORVAC will develop forest-based value chains thereby inducing growth in local economies, while at the same time fostering local ownership of the forests. It also supports government tiers in developing their legal and policy framework to improve forest governance and promote sustainable resource management. The 330,000 beneficiaries range from individuals, communities, and traders to private companies in the vast regions Tanga, Lindi and Ruvuma and beyond.

### South-East Asia

#### **Establishment of a Prototype of a Regional Forest Observatory in Continental Southeast Asia, including Cambodia, Laos, Myanmar, Thailand and Vietnam: European Commission – Joint Research Centre, 2016–2018**

Cambodia, Laos, Myanmar, Thailand and Vietnam are all in the process of establishing national REDD+ programs to address the impacts that changes in land-use and forest management are having on climate change, biodiversity conservation, and the livelihoods of forest dependent communities. This project established a regional database and GIS for monitoring forest cover change and a website for information sharing. The project developed the observatory in collaboration with the Vietnamese Academy of Forest Science.

### Solomon Islands

#### **Technical Assistance Management. Consultancy Services to the Solomon Islands Sustainable Forestry and Conservation Project; EC/EDF, 2007–2010**

The project provided expertise for management of the Solomon Islands Sustainable Forestry and Conservation Programme, as well as supporting the implementation of the Sustainable Plantation Forestry Project. It provided technical support and training to the Division of Forests, implemented the Forest Conservation Grant Scheme and facilitated third party implementation, reporting and monitoring.

### Greece

#### **Development of Forest Maps in the Regional Unit of Magnissia in Thessaly Region, apart from the (Pre-Kapodistrian) Local Government Organisations of: Alonnisos, Volos, Nea Anchialos and Skiathos, EC, 2014–2015**

Greece is in a process of developing forest maps in the northern part of their territory for the protection of forests and forestlands. The work followed the changes in forest cover on the basis of existing documents. The tasks included identification of areas covered with forest vegetation, today and/or in the past, and the geocoding of such areas, using them to then develop Forest Maps. The vegetation status in the past was investigated using historical aerial photos, mainly captured in 1945/1960. This was compared to the current state of forests and forestlands, by the interpretation of aerial photos captured during the period 2007–2009 and validated through field surveys.

## Indonesia

### **The Forest Investment Program (FIP) – Promoting Sustainable Community Based Natural Resource Management and Institutional Development Project, WB, 2017–2022**

The assignment is part of the Forest Investment Program, a targeted program of the Strategic Climate Fund under the Climate Investment Fund, and covers consulting services for the day-to-day management and coordination of the project. The project supports the development of community forestry and the mobilization and capacity building of 10 Forest Management Units run by local communities in selected districts and provinces of Indonesia. The program aims to combat climate change, reduce GHG emissions, and enhance involvement of local communities in forest resources management, decision-making and benefit sharing of timber and non-wood forest production.

## Nepal

### **Strengthening of Environmental Administration and Management at the Local Level (SEAM) Phases 1–2 and Phasing out Phase 3; MFA of Finland, 2001–2014**

The overall objective of the Project was ‘to integrate practices of environmentally sustainable development into decentralised administration in Nepal’. The project supported efficient environmental administration, monitoring and enforcement by the local administrations. The project consisted of four components: 1. Environmental administration, planning and management at the local level. 2. Local Administration Environmental Fund and Environmental Investment Support Fund for local industries. 3. Cleaner production, occupational health and safety (OHS) for local industries. 4. Environmental monitoring and laboratory services.

## Indonesia

### **Energy and Environment Partnership (EEP), MFA of Finland, 2011–2014**

EEP Indonesia addressed the challenges of energy and poverty, energy security and energy related global and local environmental impacts, particularly climate change, in an integrated way. It promoted the development of

clean and renewable energy technologies with focus on bioenergy as well as innovative business models for the provision of energy services. During the programme implementation, EEP Indonesia co-financed 20 renewable energy pilot/ demonstration and capacity building projects up to the total value of more than EUR 3 million. It also organized annual EEP forums, seminars and other events at national and provincial level to share information on new policies, technologies and business models related to the development of the use of renewable energy in Indonesia.

## Bolivia, Colombia, Ecuador, Peru

### **Implementation Phase of the Co-operation in the Biodiversity Regional Program in CAN Member countries Andean-Amazon Regions; MFA of Finland, 2011–2014**

The BioCAN programme was a regional project with an integrated approach to biodiversity conservation. It aimed to promote models for sustainable management of Amazonian biodiversity and gathered information for policy level decision making. BioCAN strengthened regional, national and local capacities in the management of biodiversity, developed a regional decentralized network for information dissemination, promoted the application of Economic Ecological Zoning and supported biodiversity projects in the region.

## Pakistan

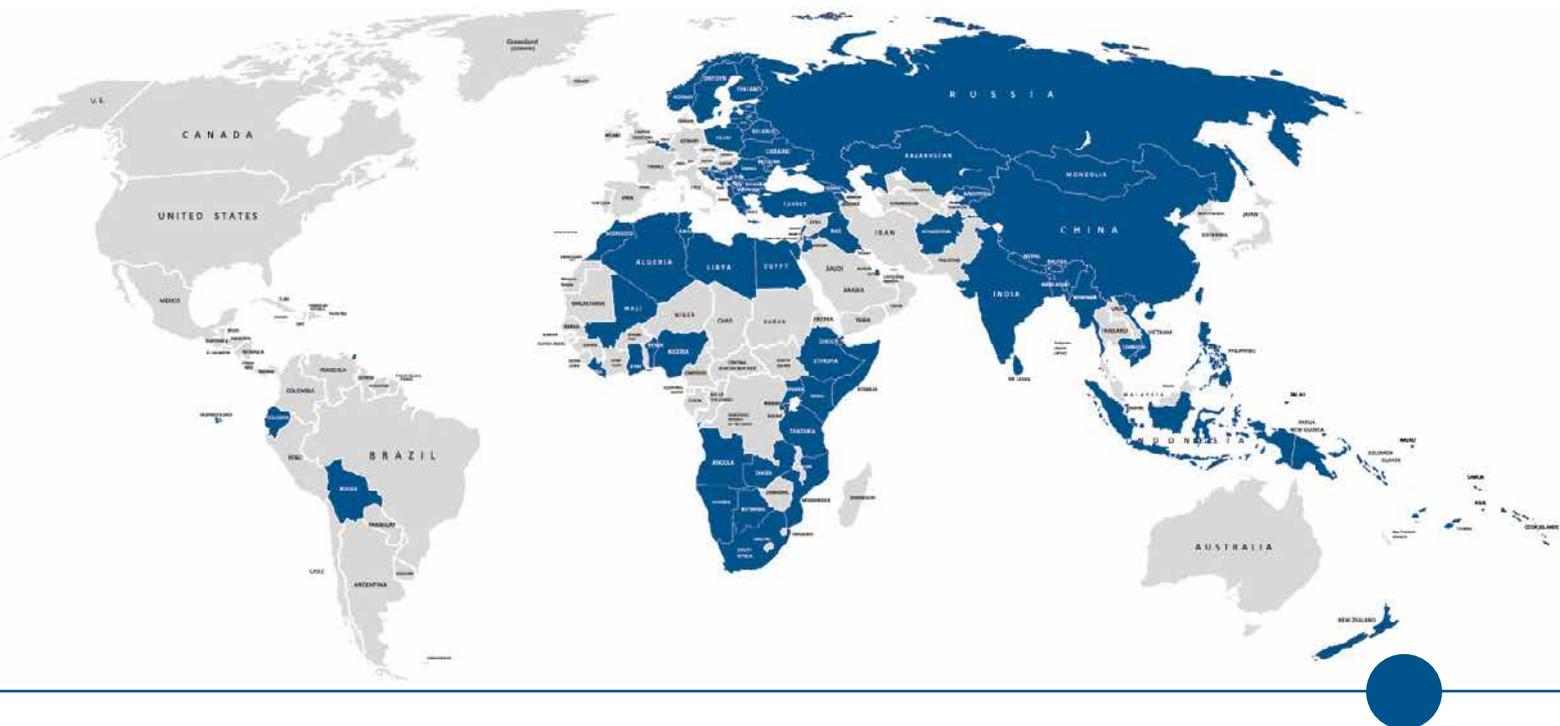
### **Environmental Assessment and Approval and Modelling EMIS and Environmental Monitoring (Part of the Programme for Restructuring and Capacity Building of EPA Punjab); ADB, 2017–2018**

The assignment was part of a bigger project of the Environment Protection Department of the Government of Punjab, which aims to carry out the institutional restructuring and capacity building of EPA Punjab for effective enforcement of Environmental Standards in the province. The core objective of the consultancy work was to develop an integrated system of environmental governance employing state-of-the-art solutions, human resources, instruments that meet the present and future challenges of environmental protection, control of pollution, sustainable development, and climate change in the province.

## St. Lucia

### **National Forest Demarcation and Bio-Physical Resource Inventory, EC, 2008–2009**

The project aim was to conduct a complete biodiversity inventory of St. Lucia, a small island state. It included surveying and demarcating the physical parameters of the public forest reserve as well as capacity building of the local Forest Department staff. The project team conducted a comprehensive biophysical inventory, advised on sustainable management of forest resources, updated the Forest Reserve database and the forest resource monitoring system, and implemented an efficient and appropriate forest management system for St. Lucia.



## FCG – Working for well-being

FCG Group's expertise is founded on our long-standing global experience and the highest international standards. FCG International is a key provider of natural resources management, water and energy sector solutions in Finland and globally. FCG ANZDEC brings in New Zealand expertise in agricultural sector development, FCG Sweden complements this with good governance expertise and FCG Asia with climate change expert services.

Our core expertise

- Natural Resources Management and Environment
- Rural Development and Livelihoods
- Energy and Climate Change
- Water Supply and Sanitation
- Education, Skills and Innovation
- Good Governance, Public Administration Reform and Institutional Development

We work with

- Municipal and national governments, public institutions
- Non-governmental organisations
- Semiprivate firms and private developers
- Bilateral donors
- International organisations including the WB, EU, EBRD, ADB, AfDB and UN

FCG's Natural Resources Management and Environment expertise includes:

- Sustainable natural resources management and environmental protection
- Forestry training and participatory forestry management
- Forest product processing and marketing including certification
- Forest inventories
- Diversification of rural economies and livelihoods development
- Integrated water resource management
- Watersheds/river basin management
- Environmental assessments
- Land use planning and administration, GIS
- Institutional development and capacity building
- Establishing and strengthening extension services
- Renewable energy and energy efficiency
- Participatory planning and decision-making

Covering the entire project cycle

- Identifications
- Preparations and Appraisals
- Reviews, monitoring and evaluations
- Project implementation and management

**FCG International Ltd**  
Osmontie 34, P.O.Box 950  
FI-00601 Helsinki,  
FINLAND  
[www.fcg.fi/eng](http://www.fcg.fi/eng)

**Finnish Consulting Group Asia  
Pte Ltd**  
1 North Bridge Road 12-01,  
High Street Center  
SINGAPORE 179094  
[www.fcgasia.sg](http://www.fcgasia.sg)

**FCG Swedish Development Ltd**  
Dalagatan 7,  
111 23 Stockholm,  
SWEDEN  
[www.fcgsweden.se](http://www.fcgsweden.se)

**FCG ANZDEC Ltd**  
99 Franklin Road, Freemans Bay,  
Auckland 1011,  
NEW ZEALAND  
[www.fcganzdec.co.nz](http://www.fcganzdec.co.nz)