

Green Planet

Engineer's Associate Pvt. Ltd
Consulting Engineers



Company Profile 2020



Planner, Designer & Consulting Engineers:
Water, Energy and Infrastructure
<<We are to Deliver Right Thing in Right Time >>





Planners, Designers & Consulting Engineers Water, Energy and Infrastructure

Green Planet Engineer's Associate Pvt. Ltd. (Green Planet) is multidisciplinary **Engineering Consulting Firm**, which works for the study, research and consulting services in **water, energy and infrastructure** sectors. It is a group of expertise (technical / non-technical personnel) formed to perform related jobs within the given time and framework. Professional and experienced engineers, administrative personnel and other experts organize this firm. **Green Planet** has sole purpose of providing engineering consultancy services to national and international governmental & semi-governmental organizations, private sectors and individuals with cost effective and friendly environment. Green Planet offers a wide range of consulting services with the necessary tools and expertise to help grow client's business. We partner with our clients from start to finish and post-completion, focusing on their needs while planning the concept, developing effective strategies, designing high quality and scalable solutions and efficient implementation.

Green Planet (GPEA) is a Nepal-based, independent & multidisciplinary firm of consulting engineers, specializing in technical-socioeconomic-environmental-geotechnical studies, planning, designing, construction supervision and management of engineering infrastructure development projects, land used management, integrated water resources management and climate change.

Policy: *Quality work delivery by qualified expert team*

Green Planet declare full commitment of our firm's to provide highest level of professional services to the best satisfaction of the client, observe highest level of ethics at all stage of procurement and implementation of the consulting services and adhere to the anti-corruption policy appropriate to consulting practice.

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Corporate Registration & Membership



Green Planet has been **established on the date 10 December 2009** (2066/08/25)

Registration No.:

68465/066/067

Registered:

Registered under the Government of Nepal, Ministry of Industry,
Office of the Company Registrar, Kathmandu

Income Tax Registration No.:

PAN / VAT: **304205301**

Income Tax Clearance up to (Year):

2075/76 (2019)



Green Planet has Membership with Professional Society Member named as **Society of Consulting Architectural and Engineering Firms** (SCAEF) from 2015 with **158** membership number



Green Planet has Membership with **ADB Consultant Management System (CMS)** with **CMS No. 017766**

Our Mission

Our mission is to provide reliable and cost effective study, planning, designing and other concerned consulting services mainly in the field of civil and architectural engineering, water & hygiene, Climate & Environment and other project management of public & private sector infrastructure development. To accomplish the mission, we mobilize proven engineering systems with innovative technologies by expanding our expertise and services

Services we are into:

Project Planning, Designing and Report preparation



Hazard Assessment and Management



Site Investigation



Construction Supervision & Project Management



Survey and Mapping



Technical Auditing, Project Monitoring and Evaluation



Service Sector:



Road, Railway & Bridge

Hydropower & alternative energy

Water Supply and Sanitation

Water resources and Irrigation

Environment & Climate Change

Building & commercial Complex

Urban Planning & Development

River Basin & Flood Management

Ground water study and modeling

Geo-Physics and Geo-Resources

Land used and Social development

- Feasibility study
- Detailed engineering study
- Detailed topographical survey
- Hydrological, hydrogeological, geological study
- Geo-technical site investigation
- Social, Environmental (IEE /EIA) and Economic study & analysis
- Structural and Architectural design, drafting & modeling
- Preparation of project specification, contract document and TOR
- Preparation of Detailed Project Report (DPR)
- Geo-spatial analysis & Land used mapping
- Hazard assessment, mitigation and disaster management
- Resources Vulnerability Assessment
- Flood hazard and river basin modeling
- Groundwater flow and transport modeling
- Ground water pumping test, ERS, ERT and other geophysical survey
- Technical Auditing
- Project Research & Development
- Quality Control, Rehabilitation & Project Management
- Estimating, Costing and Property Valuation
- Construction supervision of civil engineering infrastructure projects

Corporate Strategy

Insuring expectation of the stakeholders and other private and public bodies to keep the business supportive to the infrastructure development of the nation

Our Vision

Our vision is to become the outstanding performer of providing engineering consultancy service in Nepal and international platform by developing corporate discipline and maintaining cultural of being knowledgeable, responsive, professional & consistent in its response to client requirement

We are always contact with

- Safety in every action
- Consistency in work
- Co-ordination with client & concerned people
- Discipline in duty

Contact Us:

Contact Address:

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Contact Personal:

Er. Bishnu Prasad Koju (Mobile no.: 9841528688)
 Er. Bipin Shakya (Mobile no.: 9841522217)
 Er. Ranjan Suwal (Mobile no.: 9851132404)

Location Map (Google map)

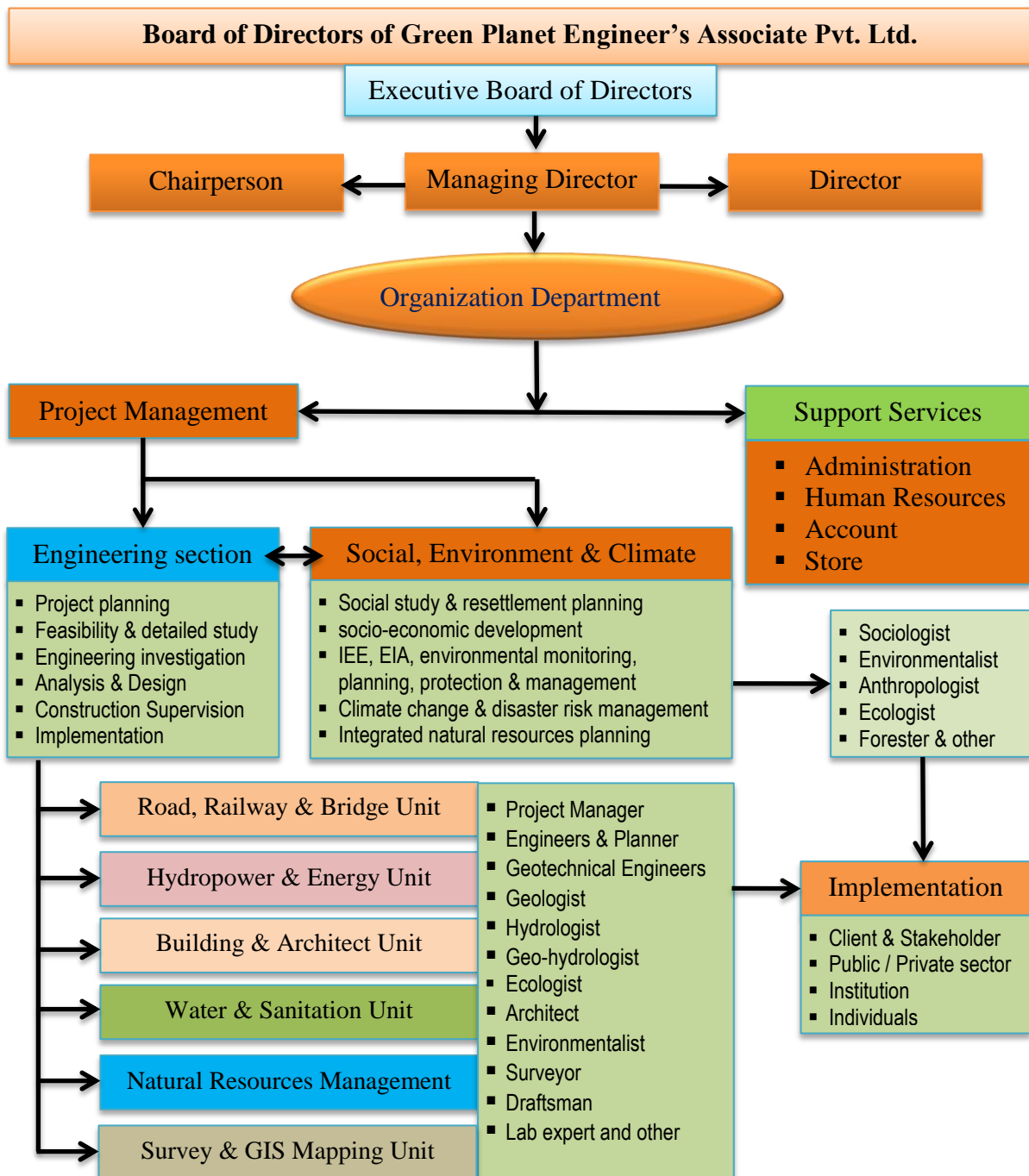


Organization:

Executive Board Members:

	Chairperson	Managing Director	Managing Director
Green Planet has different sectorial department as per service sectors and support services.	<p>Er. Ranjan Suwal Education: MSc. in Transportation (PU), BE in Civil (Khowpa Engg.) Phone: +977 9851132404 Email: aar_yes@hotmail.com</p>	<p>Er. Bishnu Prasad Koju Education: MSc. in Tropical Hydrogeology, Engineering geology and Environmental Management, TU Darmstadt, Germany, BE in Civil (IOE Pulchowk, Nepal) Phone: +977 9841528688 Email: bipik_koju@yahoo.com</p>	<p>Er. Bipin Shakya Education: Bachelor in Civil Engineering (IOE Pulchowk, Nepal) Phone: +977 9841522217 Email: shkbipin@gmail.com</p>

Firm's Organization Chart:



Human Resources:

Green Planet (GPEA) is a team of enthusiastic, energetic and innovative experts with diverse spectrum of work experiences of all engineering service and management related to water, energy and infrastructure development. We warmly welcome to all stakeholder, investors, public & individual of national and international organizations to join with us to acquire our professional consultancy services in planning, designing and managing your development efforts.

Green Planet, invite all interested concerned national and international consultancy to work jointly with us in related national and international projects as **joint venture, sub-consultant or in associated firm**

Our Team: (Full timer and Associated Experts)

Name	Designation	Education / field of expertise
Ranjan Suwal	Transportation Engineer	BE in Civil, MSc. in Transportation
Bishnu Prasad Koju	Hydrologist, Hydro-geologist cum Geotechnical	BE in Civil, MSc in Tropical Hydrogeology, Engineering geology and Environmental Management
Bipin Shakya	Civil Engineer / Design Engineer	BE in Civil
Siddartha Amatya	Civil Engineer /Designer	B Tech in Civil
Bikram Khusu	Civil Engineer / CAD Engineer	BE in Civil
Madan Gopal Maharjan	Transportation Engineer	BE in Civil, MSc. in Transportation
Chanchal Kumar Jha	Geotechnical Engineer	BE in Civil, MSc. in Geotechnical Engineering
Bibek Shrestha	Structural Engineer	BE in Civil, MSc. in Structural Engineering
Bigyan Upathayay	Civil (Structural) Engineer	BE Civil / Master in Engineering (Earthquake)
Dr. Prakash Das Ulak	Geologist	MSc. / PhD in geologist
Ram Prasad Suwal	Architect	Bachelor in Architectural Engineering
Gyan Laxmi Thike	Account officer	BBS / MBS
Sarashwoti Parajuli	Computer operator	BBS
Samjhana	Office assistance	Basic
Bijay Chauhan	Surveyor	Survey
Chandra k Laudari	Sociologist	Master in Sociology
Anod Thapa	Surveyor	Survey training
Sujan KC	Senior Surveyor	Diploma in Geometrics
Roshila Koju	Environmentalist	Master in Environment
Asha Laxmi Suwal	Environmentalist	Master in Environment
Navaraj Pokhrel	Environmentalist	Master in Environment
Ram Koju	Civil Engineer	BE in Civil
Prakash Aryal	Environmentalist	Master in Environment
Shyam Budhathoki	Surveyor	Diploma in Geometrics
Dr. Laxmi Prasad Suwal	Geotechnical Engineer	PhD in Geotechnical Engineering
Yub Raj Dhakal	Environmentalist	Master in Environment
Rajesh Shrestha	Civil Engineer (Highway)	BE in Civil
Sabin Basukala	Civil Engineer	BE in Civil
Biwas Thapa	Civil Engineer	BE in Civil
Dr. Purstotam Dangol	Structural Engineer	PhD in Structure (Earthquake),
Dr. Alin Shakya	Structural Engineer	PhD in Structure

Logistics and Equipment:

Sn.	Name of Equipment	Units	Kind & Size and Makes	Remarks
1.	Laptop	3 Sets	500 GB Hard Disk,4GB RAM,14"screen, i3 & i5	Excellent
2.	Desktop Computers	2 Sets	Intel	Excellent
3.	Printer	1-1 Set	Brother - A4 & Canon G2000 A4 Colour (3 in one)	Good
4.	Printer	1 Set	Kyocera: A3, Print, copy & scan (3 in one)	Excellent
5.	Motorcycle (150 cc)	1 units	Pulsar, Indian	Excellent
6.	Digital Camera	3 Nos.	Canon	Excellent

Survey and Camping Equipment

Sn.	Name of Equipment	Nos. of Units	Kind & Size and Make
1.	Total Station: Topcon GTS-255, SN KB-1594 (1" angular accuracy) with 3 sets of prism and 2 set of battery	1 Sets	Topcon, Japan
2.	Auto Levels: with 60-ALWI20 Tripod and ALS-5-5 smlessce stay (S.n.: 237999)	1 Set	Sokkia
3.	Hand GPS Garmin 64Sx	3 Set	Garmin
4.	Kipor IG770 GenSet (Potable electrical Generator)	1 Set	KIPOR

Software with key

Sn.	Software	Category
1.	SW_Road: 3 set registered version (road designer software)	Engineering

List of major engineering software used in this company

Sn.	Name of software	Basic Used For
1	SW_ROAD	Road design
2	SAP2000 / STAAD Pro	Structural design and retrofitting
3	SW_Water Supply	Design of water supply
4	Visual MODFLOW	Groundwater, Flood, heat modelling
5	PMWIN - Pro	Groundwater flow modelling
6	AutoCAD/ Civil 3D	For drafting / designing
7	ArcGIS 10	Data analysis and mapping

Work Experiences:

Client	Project Details	Remarks
Road, Railway and Bridge		
SNC.LAVALIN International Inc. Canada in association with SPAN Pvt. Ltd., Indaia, SILT Consultants (P) Ltd., Nepal and ERMC (P) Ltd., Nepal	Detailed Design and Drafting of Dumre-Besisahar Road and Tulsipur-Purandhara-Botechaur Road; 75.78 km	Sub-consultant
ERMC (P) Ltd. / RRRSDP	Feasibility study, Traffic survey and Detailed Engineering Survey of RRRSDP road, Dhankuta District; 67.5 km	Sub-consultant
ERMC (P) Ltd. / RRRSDP	Detailed Design of RRRSDP road, Dhankuta District; 30.70 km	Sub-consultant
Earthquake Resistant Technology Development & Consultancy Centre (Tribuvan International Airport)	Design, quantity estimation and Construction supervision Gothatar Road Improvement Project, Kathmandu; 0.21 km	Sub-consultant
SIDeF (P) Ltd. / RAP 3	Detailed Engineering survey, Detailed Design, IEE and preparation of Detailed Design Report (DPR) of RAP-3 roads, Jumla District and in Parbat District (excluding IEE); [15.64 km, 13.42 km]	Sub-consultant
SIDeF (P) Ltd. / RAP 3	Detailed Engineering survey, Detailed Design and preparation of Detailed Design Report of RAP-3 roads, Kalikot District; 17.7 km	Sub-consultant
Lohani & Brothers / Mrit Sanjiwoni JV / Mid Hill	Detailed Joint Survey, Design and preparation of BOQ of Pativanjyang-Chhahare Mid Hill road section – Nuwakot; 13 km.	Sub-consultant

Work Experiences:

Client	Project Details	Remarks
Sudhakar /Himdung & Thokar Pvt. Ltd. JV (DOR, Road Improvement Project-RIP)	Detail Engineering Survey and Designing of Lumbini Buddhist Circuit Road, Lumbini-Parsha; 21 km	Sub-consultant
AIPL/PAPPU/Mrit Sanjiwoni JV / RIP	Detailed Joint Survey, Design and preparation of BOQ of Chhahare-Bidur road section (RIP) – Nuwakot; 16 km	Sub-consultant
MMM Group Ltd., (Canada) in association with ITECO-TMS_Material Test JV/ PPC-2	Detailed Engineering survey, Inventory and Design (4-Lane) of Narayangadh-Butwal Road (115km) Section of Transport Project Preparatory Facility, Project Preparatory Consultant (PPC-2); 114 km	Sub-consultant
MMM Group Ltd., (Canada) in association with ITECO-TMS_Material Test JV / PPC-2	Detailed Engineering survey of Dhadhingbesi-Aankhukhola road section; 27 km	Sub-consultant
Total Management Service Pvt. Ltd. (WAPCOS / Pancheshwor Mulit-Proposed Project)	Detailed Engineering Survey, design and preparation of Design report of Brahmadev- Pancheshwor Access Road (Brahmadev to Rupali Gad: 58km section)	Sub-consultant
GOV, Ministry of Federal Affairs and Local Development, Office of District Development Committee (Martadi, Bajura)	Detailed Engineering Survey, design and preparation of DPR, Barabis VDC Betalmandu Trishakti Juwapani Jayabageswori to Kanda VDC Jadibuti Pahunch Marg, Package: DDC/CS/01/072/73; 18 km	Consultant
GOV, Department of Rods, Division Road Office, Charikot, Dolkha	Detailed Engineering Survey Design Works on Mudhe Melung Road (Sitali Melung Sector) Dolakha; 8.7 km	Consultant
GoN, DOR, PMEU	Feasibility Study and Report Preparation of Manang (Chame) - Muktinath-Kagbeni - Ekalbhatti - Sangta Section of Manang - Mustang - Dolpa - Jusmla Road, Package No.- PMEU/337362/073/74 F – 1; 180 km	Consultant
GoN, DOR, PMEU	Detailed Engineering Survey, Design and Report Preparation of Roads, Package No: - PMEU/337159/073/74 DPR 53; 104 km Barabise Thotneri Ratamata Chulthidamar Ghunda Om Park Sadak, Sindhupalchok, (9.94 Km) Kiratchhap Kaatakuti Dudhpokhari Ekkais Kilo Sadak Dolakha.(38.41 Km) Mulpani 10 (Kamidaada) Dekhi Ne. Ma. Bi Sadak,(1.15 Km) Sankhu Dahaltar Ekleykhet Bimire Baseri Bp Marga Jodney Sadak, (Dhaltar–Ekleykhet–Bimire –Darimbot– Khasi) Kavre, (19.30 km) Nisi 1 Bowang Dhorpatan Sadak, (Nisi - KhumChaur - Samja Dhuri Section) Banlung, (16.51 Km) Gajuridaha hudai Kusheshore Dumja Bastipur Sadak,(Dumja–Bastipur–Chandanpur Section) Sindhuli,(18. 69 Km)	Consultant
GON, MoPID / Province No. 5	Detailed engineering survey, design, cost estimate and report preparation of roads, contract Identification no.: MoPID/Pr5/RFP/2075-76/09, Arghakhanchi; 11 km	Consultant
GON, TID / Province No. 5	Detailed engineering survey, design, cost estimate and report preparation of roads, contract Identification no.: TID/Pr5/RFP/ 2075-76/04, (Dang: 20km / 15km / 15km)	Consultant
Building & commercial complex		
Nepal Electricity Authority / SHREEM ELECTRICALS LTD., HIGH TENSION SWITCHHEARS Pvt. Ltd. JV	Structural, Architectural and Electrical design for Control Building and Access Road Design of Naubise Substation	Sub-consultant

Work Experiences:

Client	Project Details	Remarks
Bheri Babai Diversion Multipurpose Project	Preparation of Bidding document and Specification of office building	Consultant
Balaji Highloft Non Oven Industries Pvt. Ltd.	Structural and Architectural designing of Factory Building, Balaju Industry	Consultant
Water Supply		
GoN, Department of Water Supply and Sanitation, Co-financing WSSP, PMO	Feasibility study & report preparation of Baglung Nagar Water Supply Project, Baglung District	Consultant
GoN, Department of Water Supply and Sanitation, Co-financing WSSP, PMO	Feasibility study & report preparation of Bhadgaun Karadi Khirkhadi Water Supply Project, Tanahu	Consultant
GoN, Department of Water Supply and Sewerage Management, Arid Zone WSS, PMO	Feasibility study and report preparation of Brihat Pumping Water Supply and Sanitation Project in Dang, Darchula and Surkhet District, Contract package: CS/AZWSSP/11/074-075	Consultant
Irrigation		
GOV, Irrigation Feasibility Study and Construction Program(DOI), Jawlakhel	Detailed feasibility study of Khahare Khola ISP, Palpa	Consultant
GOV, Irrigation Feasibility Study and Construction Program(DOI), Jawlakhel	Detailed feasibility study of Bhitri Khola ISP, Palpa	Consultant
Sewerage and sanitation		
Tribuvan International Airport / Earthquake Resistant Technology Development & Consultancy Centre	Improvements of Sewerline in Siamangal - Omnagar Area, Tribuvan International Airport	Sub-consultant
Environment and climate change		
SIDeF (P) Ltd. / RAP 3	Initial Environmental Examination (IEE) of RAP-3 road, Jumla District 63DR003-Acharyali-Narakot Road (3 Km), Jumla District 63DR007-Gachchusangu-Dhimchaur-Lekpor-Kotghar Road(10 Km), Jumla District 63DR001-Bagbazaar-Patharkhola Road(2.64 Km), Jumla District	Sub-consultant
Nigale Cement Pvt. Ltd. (Dhankuta District)	Environmental Pollution monitoring and air quality measurement	Sub-consultant
Ground Water / modeling		
Highland Distillery Pvt. Ltd. (Kathmandu)	Ground water survey, Electrical Resistivity Survey (ERS), designing of tube well and report preparation etc.	Sub-consultant
Water Resources and River Basin		
Blue Energy Pvt. Ltd.	Data collection and survey of cross-section of Trishuli River for Physical model Study of Super Trishuli Hydropower Project.	Sub-consultant