

Punjab Cities Program

Environmental & Social Management Framework (ESMF)

PMDFC





November
2020

**Environmental and Social Management
Framework (ESMF)**



PUNJAB CITIES PROGRAM (PCP)

CHAPTER 1-INTRODUCTION

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**CHAPTER 7. ENVIRONMENTAL AND SOCIAL MANAGEMENT
FRAMEWORK**

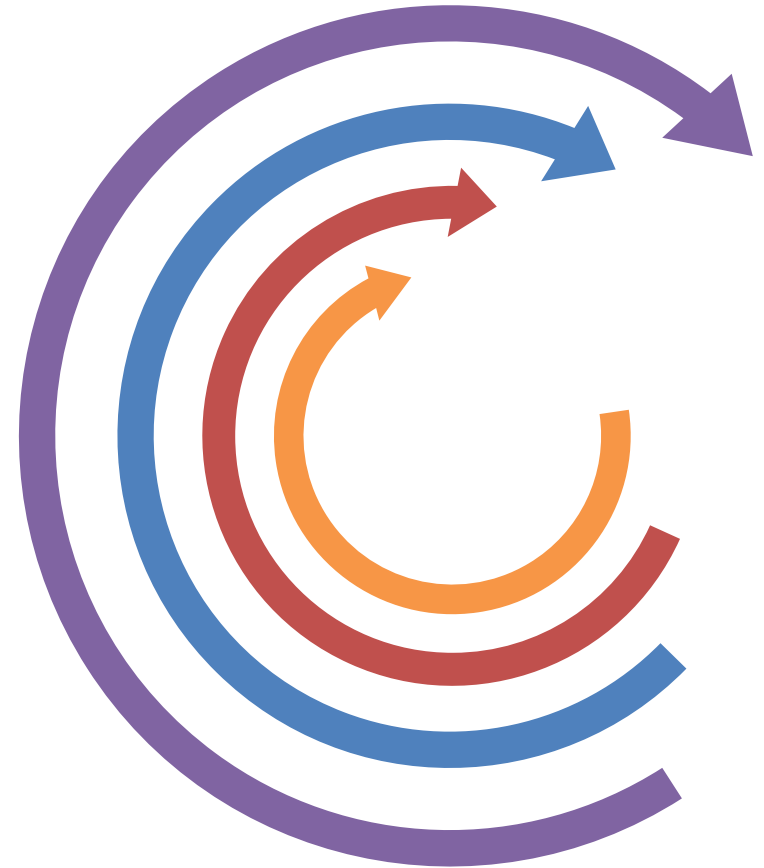
CHAPTER 8. RESETTLEMENT POLICY FRAMEWORK (RPF)

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Chapter 1: INTRODUCTION

Objectives Of ESMF

- 1 ensure that subprojects to be designed and implemented under the Program are environmentally sustainable and socially acceptable
- 2 ensure that the subprojects under the Program comply with the national/provincial regulatory and policy framework and WB policies and core principles
- 3 internalize the environmental and social management procedures and processes in the routine projects/design/operations/service delivery of MCs.



Chapter 2: LEGAL AND INSTITUTIONAL FRAMEWORK REVIEW

Punjab Environment Protection Act,2012

As per Section 12(1) of Punjab Environment Protection Act,2012

No proponent of a project shall commence construction or operation unless he has filed with the EPA ,an IEE, where the project is likely to cause an adverse environmental affect, an EIA, and has obtained approval in respect thereof.

Chapter 2: LEGAL AND INSTITUTIONAL FRAMEWORK REVIEW

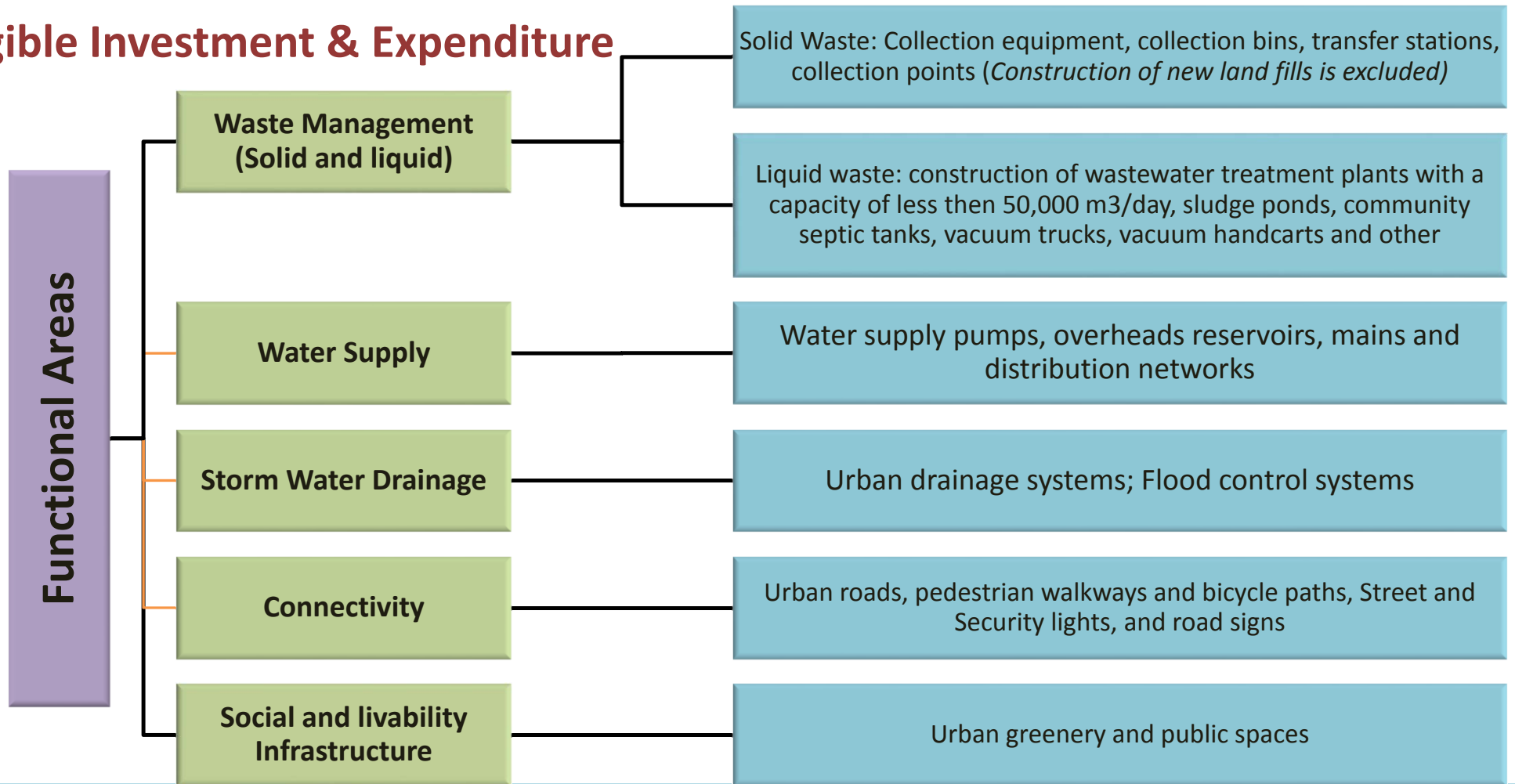
Institutional Arrangements



- **Planning & Development Department**
- **Finance Department**
- **Local Government and Community Development Department (LG&CDD)**
- **Punjab Local Government Board (PLGB)**
- **Punjab Municipal Development Fund Company (PMDFC)**
 - Central Program Management Team (CPMT)
 - Regional Management Teams

Chapter 3: PROJECT DESCRIPTION

Eligible Investment & Expenditure



Chapter 4: ENVIRONMENTAL AND SOCIAL BASELINE CONDITIONS

PHYSICAL ENVIRONMENT

- Topography
- Geology and Geomorphology
- Climatic Conditions
- Water Resources
- Air Quality
- [Water Supply](#)
- Solid waste management
- Sewerage Facilities

BIOLOGICAL ENVIRONMENT

- [Environmentally Sensitive Areas](#)
 - Fishing spots
 - Wildlife sanctuaries
 - Game reserves
 - Hunting Fields
- Biodiversity

SOCIOECONOMIC ENVIRONMENT

- Demographic Characteristics
- Ethnic, Religious and Linguistic Diversity
- Influx of Immigrants
- [Physical, Cultural Resources \(PCRs\)](#)
- Incidence of Poverty
- Social Services

Chapter 5: STAKEHOLDER CONSULTATION



The participation of project/program stakeholders is considered an essential component for the preparation of a robust ESMF.



PCP Stakeholders

Internal Stakeholders

PLG Board

LG&CD
Department

16 Cities

External Stakeholders

Govt.
Departments

- P&D Department
- EPD
- Rescue 1122
- Labor & Human Resource Dept.
- Board of Revenue
- Forest, Wildlife & Fisheries Department
- Population Welfare Dptt.
- SNG
- Academia (JET,PU)

Private Entities
NGOs/INGOs

- GIZ
- WWF
- Engineering Consultancy Services Punjab
- JERS Engg.
- NESPAK
- Shehar Saaz

Chapter 5: STAKEHOLDER CONSULTATION

Following consultations were carried out during preparation of ESMF



Consultation with DG Population Welfare



Consultation with Chief Env. P&DD



Consultation with Secretary Environment



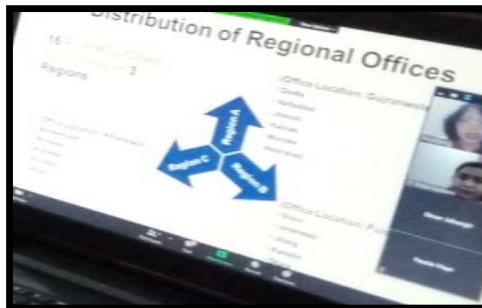
Consultation with Ad. Secretary Forest



Consultation with DG Rescue 1122



Consultation with Secretary BOR



Consultation with SNG Consultants



Consultation with DG PESSI

Chapter 5: STAKEHOLDER CONSULTATION

Following consultations were carried out during preparation of ESMF



Consultation with WWF



Consultation with ECSP



Consultation with JERS



Consultation with Shehar Saaz



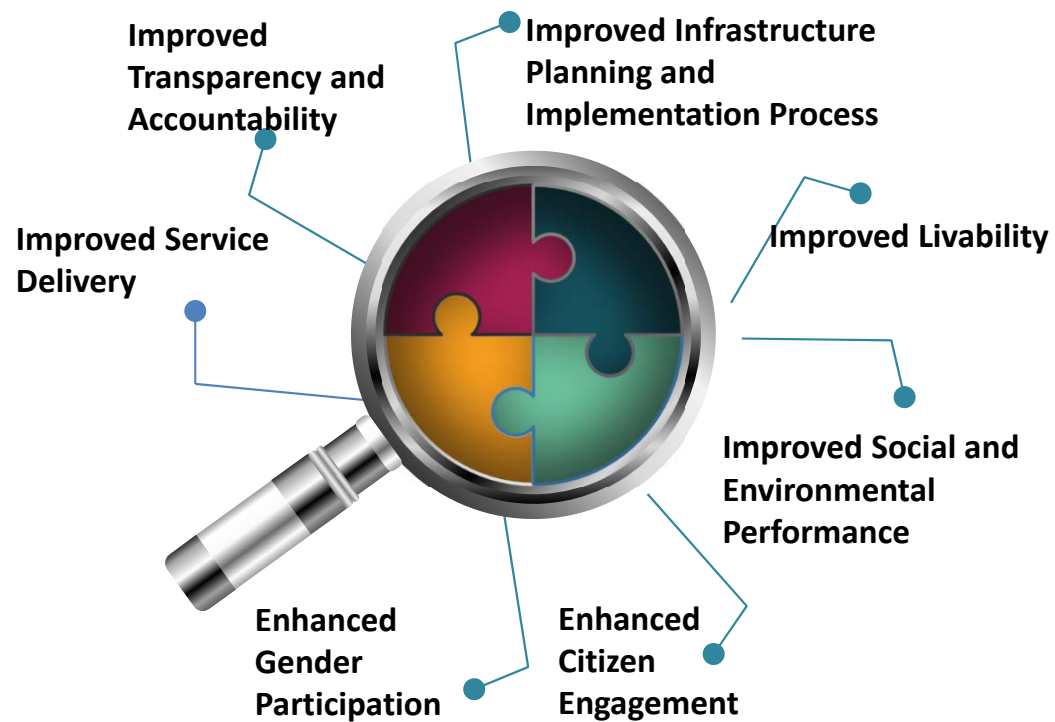
Consultation with GIZ



Consultation with NESPAK

Chapter 6: IMPACT ASSESSMENT & MITIGATION

Positive Socio-economic and Environmental Impacts of PCP



Chapter 6: IMPACT ASSESSMENT & MITIGATION



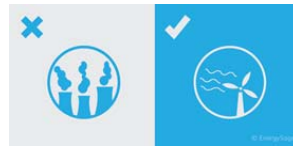
Tool

ENVIRONMENTAL & SOCIAL SCREENING CHECKLIST



A. Project Siting

- Environmental Sensitive areas
- Socially sensitive /important areas/communities/ people



B. Potential Environmental Impacts on:

- Surface water Quality
- Ground water Quality
- Cutting of trees
- Solid waste
- Hazardous waste
- Soil Pollution
- Air Pollution
- Noise and Vibration



C. Potential Social Impacts

- Physical Cultural Resource PCRs
- Involuntary Resettlement
- Impacts on Vulnerable groups
- Large population influx
- Social Conflicts
- Risk to Community Health & Safety
- Community Safety Risks

Chapter 6: IMPACT ASSESSMENT & MITIGATION

Preparation of Instruments

Functional area	Eligible investments	ESMF E&S Screening Checklist	ESMF Requirement	IEE	EIA
Waste Management (Solid and Liquid)	<ul style="list-style-type: none"> Solid waste: collection equipment, collection bins, transfer stations, collection points. Construction of new landfills is excluded. Liquid waste: construction of wastewater treatment plants with a capacity of less than 50,000 m³/day, sludge ponds, community septic tanks, vacuum trucks, vacuum handcarts, and others. 	Yes	If Environmental & Social Impacts are moderate in nature, ESMP will be prepared.	<p>Waste disposal facility for domestic or industrial wastes, with annual capacity less than 10,000 cubic meters</p> <p>Water supply schemes and treatment plants with total cost of less than Rs.25 million</p>	Water supply schemes and treatment plants with total cost of Rs.25 million and above
Water Supply	<ul style="list-style-type: none"> Water supply pumps, overhead reservoirs, mains, and distribution network 	Yes	If Environmental & Social Impacts are moderate in nature, ESMP will be prepared.	Water supply schemes and treatment plants with total cost of less than Rs.25 million	Water supply schemes and treatment plants with total cost of Rs.25 million and above

Chapter 6: IMPACT ASSESSMENT & MITIGATION

Preparation of Instruments...

Functional area	Eligible investments	ESMF E&S Screening Checklist	ESMF Requirement	IEE	EIA
Storm Water Drainage	Urban drainage systems; flood control systems	Yes	If Environmental & Social Impacts are moderate in nature, ESMP will be prepared.	Drainage projects serving less than 15,000 hectares	Drainage projects serving 15,000 hectares and above
Connectivity	Urban roads, pedestrian walkways and bicycle paths, street and security lights, and road signs.	Yes	If Environmental & Social Impacts are moderate in nature, ESMP will be prepared.	Federal or Provincial highways (except maintenance, rebuilding or reconstruction of existing metalled roads) with total cost of less than Rs.50million	Federal or Provincial highways or major roads (except maintenance, rebuilding or reconstruction of existing roads) with total cost of Rs.50 million and above
Infrastructure	Urban greenery and public spaces.	Yes	If Environmental & Social Impacts are moderate in nature, ESMP will be prepared.	Public facilities with significant off-site impacts e.g. hospital wastes Urban development projects	Land use studies and urban plans in large cities

Chapter 7: Environmental & Social Management Framework

Environmental & Social Management Objectives



- Appointment of Environmental and Social Management Focal Persons in each MC
- Mainstream social and environmental considerations throughout the program cycle
- Develop SOPs, E & S Screening checklists, Resettlement Checklist, Monitoring Checklist.
- Adopt mitigation measures and put in place documented procedures and processes for the management of environmental and social issues/risks

Chapter 7: Environmental & Social Management Framework

Punjab Environment Protection Act, 2012-deals with new construction works as per Schedule I and II of Regulations 2000

IEE- If project fall in **Schedule I** of PEPA Review of IEE/EIA Regulations,2000

EIA- If project fall in **Schedule II** of PEPA Review of IEE/EIA Regulations,2000

ESMF-deals with all the new construction as well as repair and maintenance and rehabilitation projects

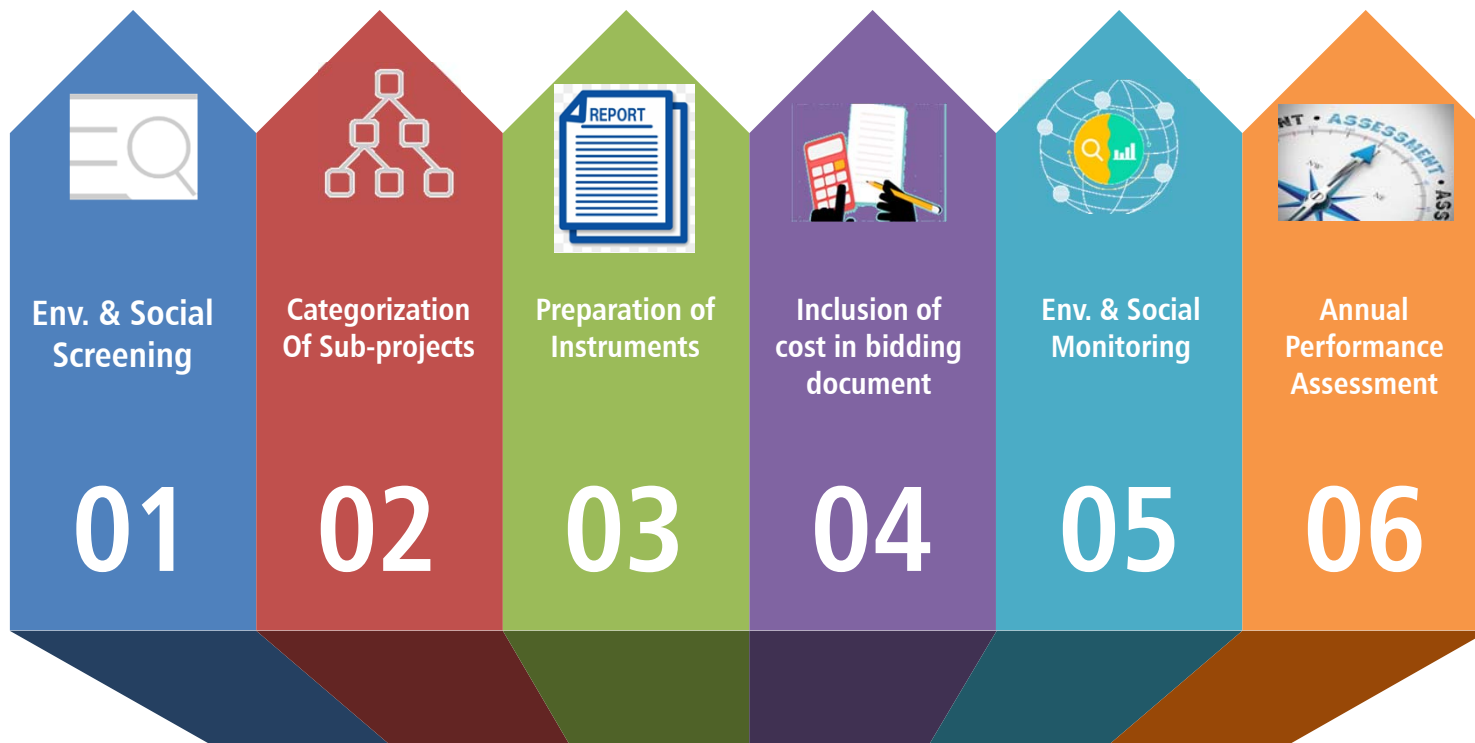
ESMP-All those sub-projects which will have moderate negative environmental impacts will need to submit **Environmental and Social Management Plans (ESMP)**

RAP-All those sub-projects having negative social impacts of significant nature on > 40 households and or it require displacement/resettlement of > 40 households for land acquisition, a Resettlement Action Plan will be submitted

ARAP-All those sub-projects having negative social impacts of significant nature on 1 – 40 households and or it require displacement/resettlement of 1- 40 households due to land acquisition, will require to submit Abbreviated Resettlement Action Plan

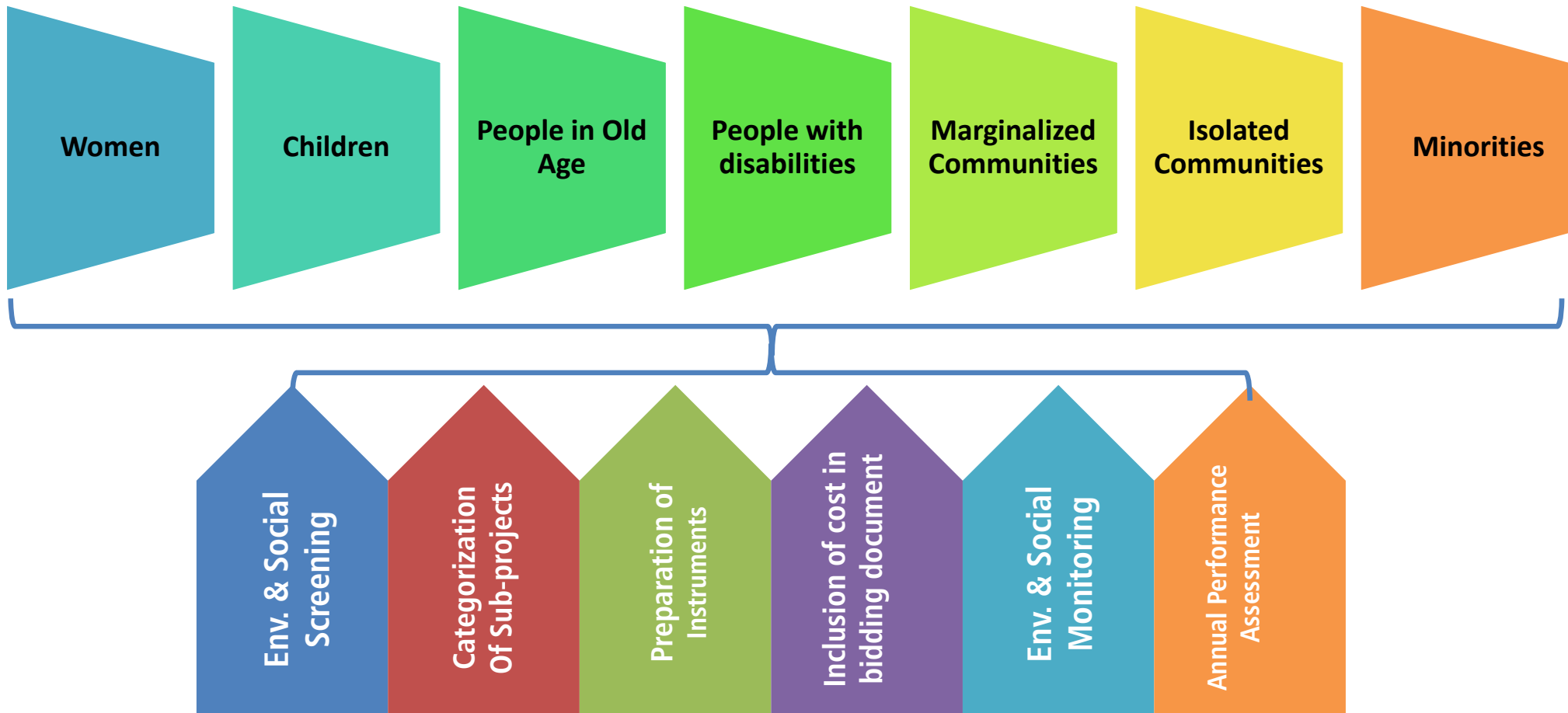
Chapter 7: Environmental & Social Management Framework

ESMF Implementation Steps



Chapter 7: Environmental & Social Management Framework

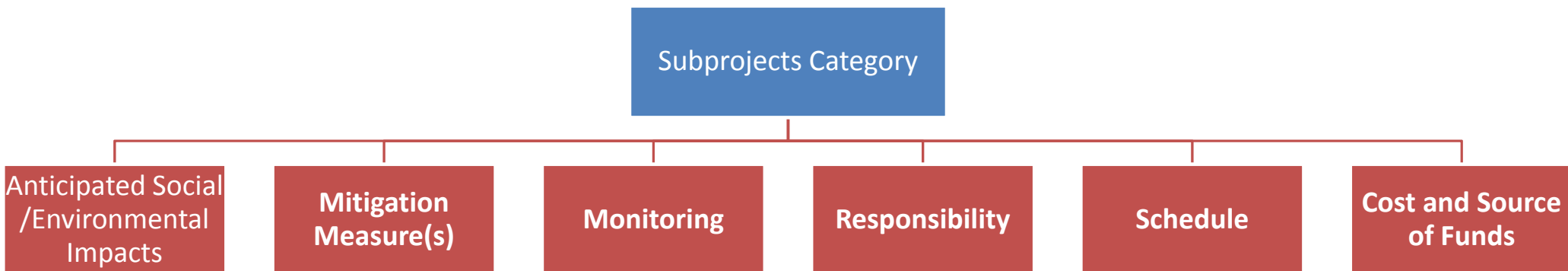
ESMF Implementation Steps-Inclusion of Vulnerable Groups at every step



Chapter 7: Environmental & Social Management Framework

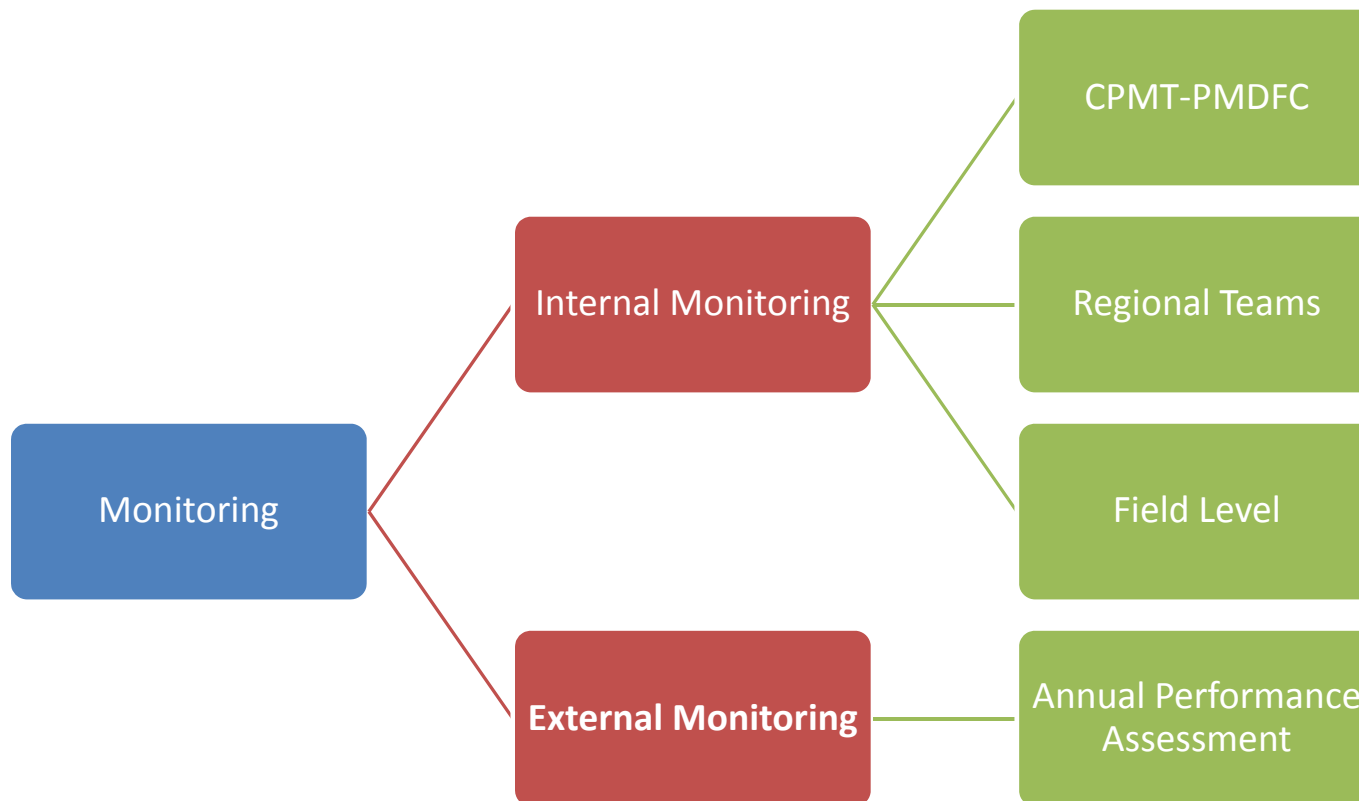
1. Environmental & Social Management & Monitoring Framework

This framework describes the anticipated Environmental and Social potential impacts at subprojects-levels, the following information is given in this framework



Chapter 7: Environmental & Social Management Framework

2. Monitoring Framework



Chapter 7: Environmental & Social Management Framework

3. Training/Capacity Enhancement Framework

The objectives of the environmental and social trainings are to: provide basic knowledge and information on the key environmental and social issues associated with the proposed interventions and compliance of ESMF.

- **CPMT Level Training/Sensitization** -PCP Staff including Research Assistants -ESM
- **Regional level Training**–DPOs-ESM and other staff of PCP
- **Cities level Training**- ESFPs and all the staff at MCs (involved in subprojects design, procurement, and execution)

TOPICS OF TRAINING

Basics of
Environment &
Environmental
issues of cities

Legal Framework

Environmental &
Social Screening of
Subprojects

Preparation of
Instruments

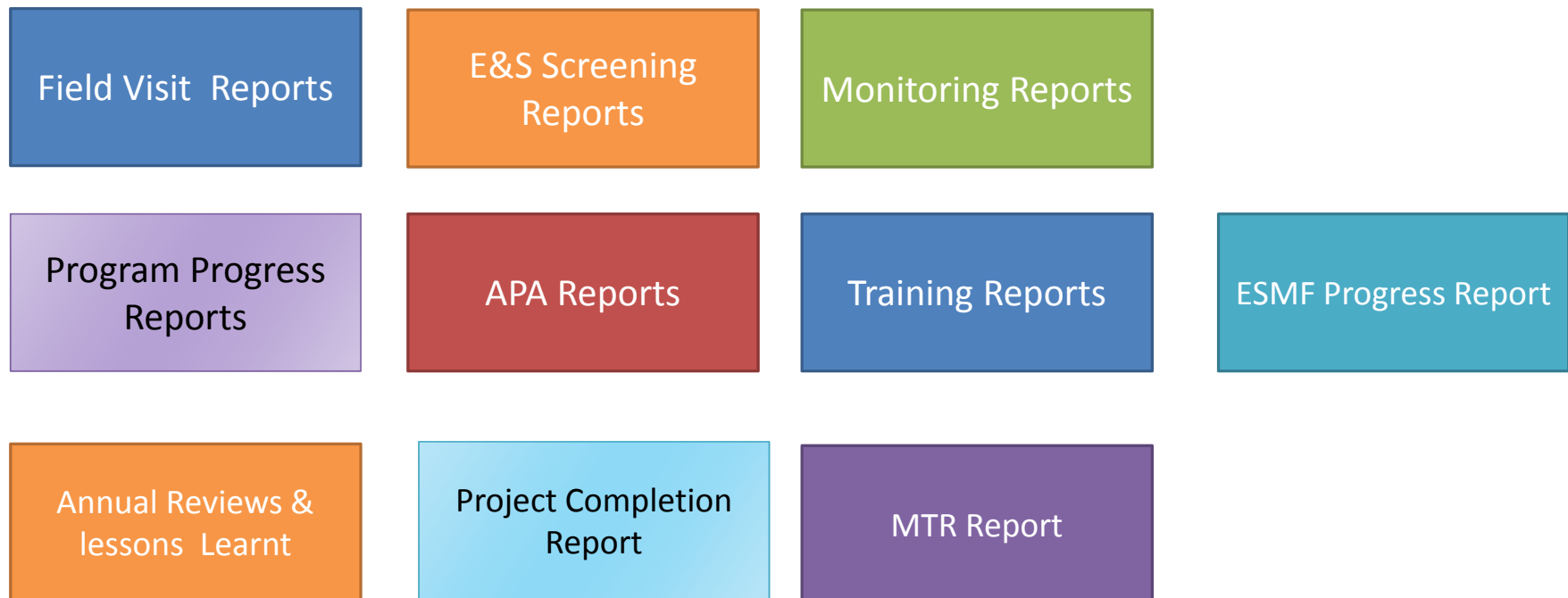
Environmental &
Social Monitoring
of Subprojects

Environment,
Health & Safety

Chapter 7: Environmental & Social Management Framework

4. Reporting & Documentation Framework

- Regular and comprehensive reporting will be conducted throughout the implementation of the Program.



Chapter 7: Environmental & Social Management Framework

5. Stakeholders Consultation Framework

- The stakeholder consultation is a continuous process and will be carried out throughout the life of project.
- The ESMF consultation was carried out and well-documented in the main document.
- The consultations carried out at each city level. Similarly, during the subsequent phases of program, participation of the program stakeholders will be ensured at each level.
- [Stakeholder Consultation Framework](#)

Chapter 7: Environmental & Social Management Framework

6. Gender Framework

- Gender is a key issue in social management in view of the different vulnerabilities of affected men and women. In view of their higher vulnerability levels, specific measures are proposed to enable the affected women-especially those who are poor, to cope with the project impacts.
- The process of gender inclusive social management and resettlement planning includes gender analysis, project specific gender considerations and a gender strategy and action plan.
- [Gender Framework](#)

Chapter 7: Environmental & Social Management Framework

7. Communication Framework

- [Communication Framework](#)



Chapter 7: Environmental & Social Management Framework

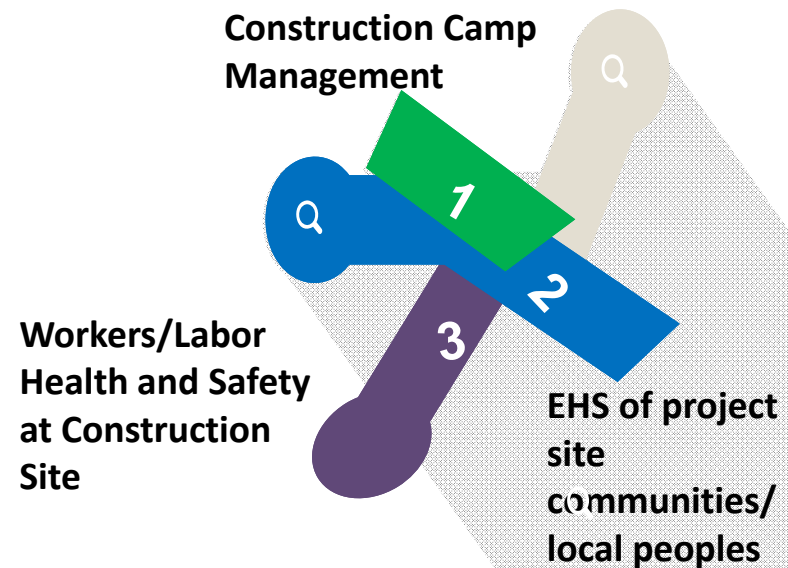
8. SOPS For Environment, Health And Safety For Construction Workers/Labor (Including Women Labor)

The objective of preparation of the EHS SOPs for Labor/Workers is to address environment, health and safety issues related to the proposed sub-project implementation.

These SOPs will provide guidelines to be followed by the contractors for effective management of EHS issues related to labor/workers/daily wagers (including women).

These SOPs will be annexed in the general conditions of all the contracts carried out under the PCP.

Major Components of SOPs

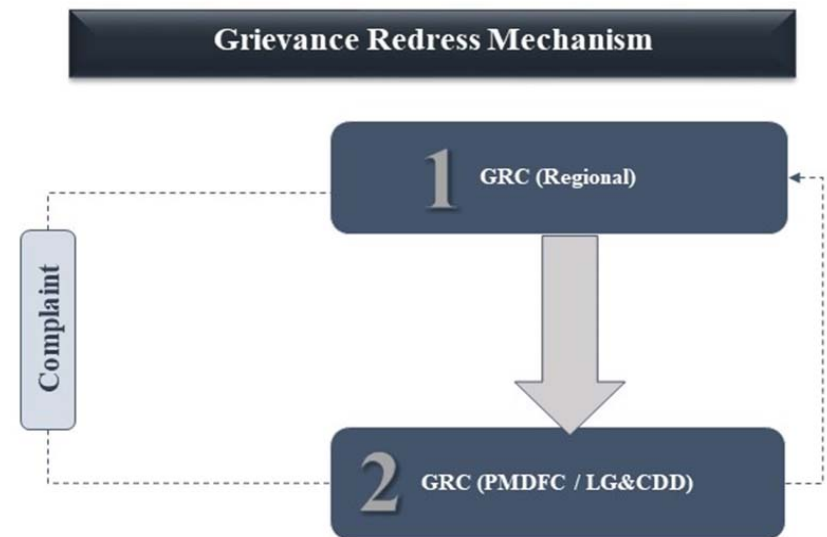


Chapter 7: Environmental & Social Management Framework

9. Grievance Redress Mechanism

Objective:

GRM is proposed as a requirement of World Bank GRM policy to address the public grievances regarding environmental and social issues that may emerge during and after PCP subprojects implementation



Proposed GRM -PCP

Chapter8: Resettlement Policy Framework

LAA & Resettlement Policy Framework

The purpose of this RPF is to provide policy and legal framework and procedures to mitigate unavoidable resettlement impacts for subproject to be identified at the later stage and their specific locations are unknown. These procedures are in conformity to the World Bank PforR core principle-4 and policies and legal requirements of the Government of Punjab.

. Core Principle 4: Land acquisition and loss of access to natural resources are managed in a way that avoids or minimizes displacement, and affected people are assisted in improving, or at least restoring, their livelihoods and living standards.

LAA 1894 and its subsequent rules do not deal with the compensation to non-titleholders (tenants with no legal documents or the squatters)	Entitlement matrix given in this RPF is in line with requirements of WB PforR Principle and safeguards policies
According to LAA 1894, compensation is paid for all assets at market value instead of replacement cost and market value is determined by the DPAC.	RPF mandates the payment of compensation at replacement cost.
The livelihoods restoration is not emphasized in the LAA 1894 and Punjab Land Acquisition Rules of 1983.	RPF includes the provision for livelihoods restoration and improvements

Chapter8: Resettlement Policy Framework

Entitlements of Affected Persons (APs)

[Entitlement Matrix.docx](#)

Land(Residential / Commercial / temporary occupants)

- Owner (titleholder, or holder of traditional rights)
- Leaseholder titled/untitled)
- Encroachers

Income Restoration

- All APs with land-based livelihoods affected

Crops/Trees

- Land Owner/Cultivator
- Parties to sharecrop arrangement

Resettlement and Relocation

- All APs titled/untitled requiring to relocate as a result of losing land and structures

Public Services And Facilities

- Service providers of Schools, health centers, administrative services, infrastructure services, graveyards etc.

Structures

- (Residential, agricultural, commercial, public, community)-Owner (titleholder, or untitled)
- Lessee, tenant
- Vendors (including titled and non-titled land users)

Special Provisions

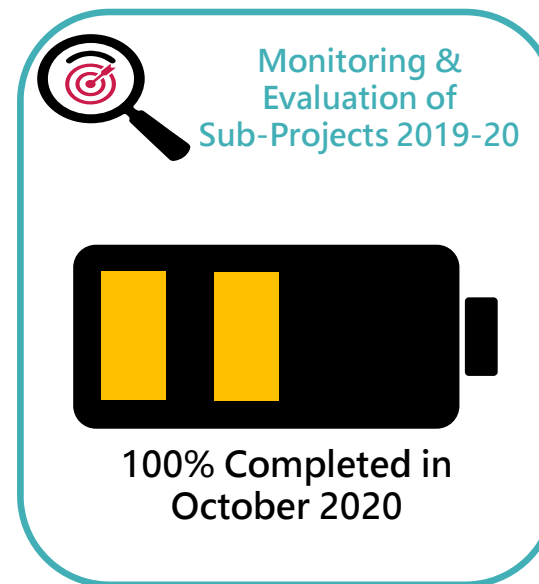
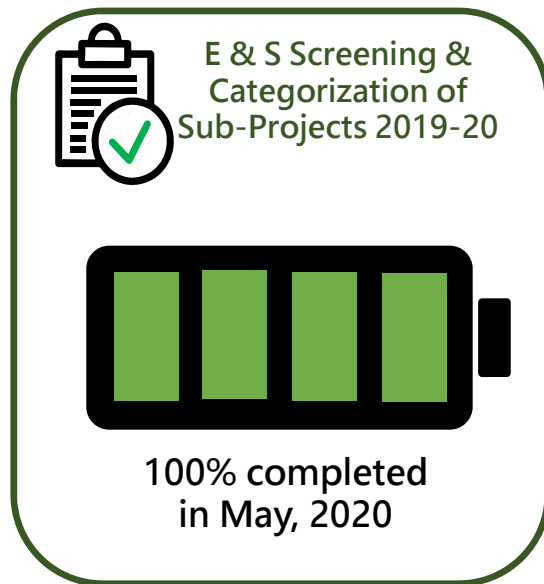
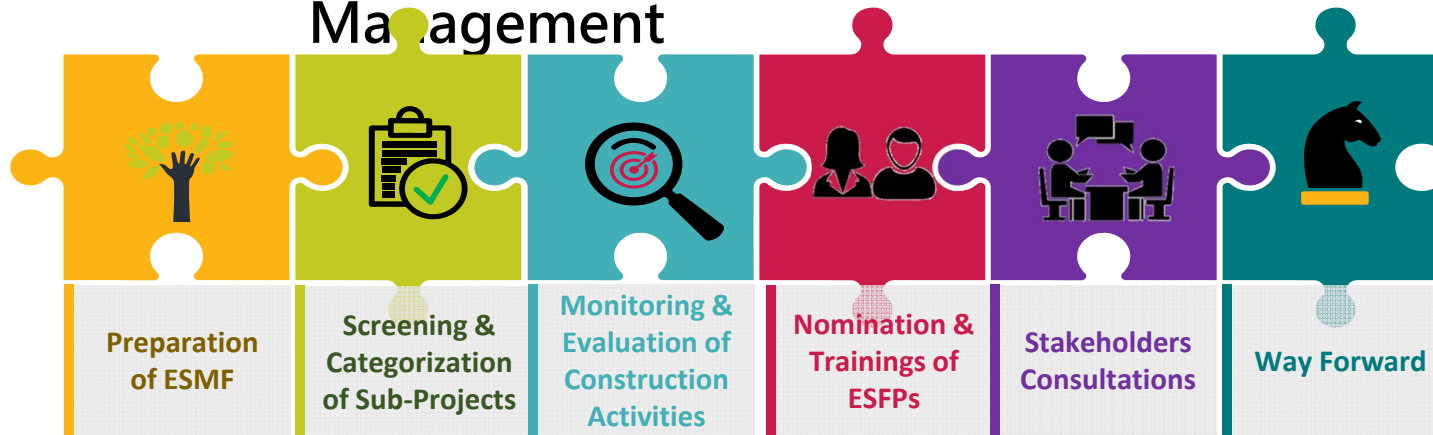
- All vulnerable APs including those below the poverty line, the landless, the elderly, women and children.



Achievements So far.....



Environment & Social Management



Approval of ESMF



Shahnaz Arshad

to me, Aamer, miftikhar_rasool@yahoo.com, Shoaib, Sana, Imran-ul, Uzma, Suhaib, Qurat ▾

Fri, Dec 18, 2020, 12:23 PM



Dear Rizwana,

Many thanks for sharing the updated PCP ESMF. We have reviewed it in detail and would like to commend you and your team for your hard work, passion, and commitment that is clearly evident in developing and finalizing the document. Well done!

Sana and Imran have suggested some minor edits tracked in the attached.

Dear Aamer,

In view of the Chairman P&D's keen desire to mainstream E&S management, the ESMF is likely to be widely disseminated and used. We would thus suggest that it be professionally edited before publication. This should be the norm for all documents that PMDFC intends to publish.

Regards,

Shahnaz.

**Approval of ESMF by
World Bank in
December 2020**





Trainings of ESFPs on ESMF May 2020





Environment and Social Monitoring 2019-20



E&S Safeguards posters for construction sites

شہری ترقی کے منصوبہ جات کی تعمیر و تکمیل کے دوران درپیش سماجی مسائل اور ٹھیکیدار کی ذمہ داریاں

- | | | |
|--|---|---|
|  | ✓ لیبر / ورکرز کو لیبر کیپ اور سائٹ پر بنیادی سہولیات مہیا کی جائیں | ✗  |
|  | ✓ مقامی لوگوں سے مشاورت کو یقینی بنایا جائے اور کسی قسم کے لڑائی جھگڑے یا اختلاف سے گریز کریں | ✗  |
|  | ✓ سرکاری اور غیر سرکاری املاک کو نقصان پہنچانے اور ان کی توڑ پھوڑ سے گریز کریں اور کسی نقصان کی صورت میں متاثرین کو معاوضہ ادا کیا جائے | ✗  |
|  | ✓ 15 سال سے کم عمر بچوں اور حاملہ خواتین کو محنت مزدوری کے کام کے لیے رکھنا منع ہے | ✗  |
|  | ✓ تبدیلیاتی کاموں کے دوران مزدوروں کو حفاظتی لباس، بند جوتے، حفاظتی عینک اور دستاؤں کے استعمال کا (ضرورت کے مطابق) پابند کیا جائے | ✗  |
|  | ✓ تبدیلیاتی جگہ پر عوام کی سہولت کیلئے ایمرجنسی نمبرز اور سائٹ بورڈز لگائے جائیں | ✗  |
|  | ✓ حادثات سے بچاؤ کے لیے تبدیلیاتی جگہ اور رکھداری کے مقام کو فیتے کی مدد سے عارضی طور پر بند کر کے رکھا جائے اور اس سلسلے میں تمام حفاظتی انتظامات اختیار کئے جائیں | ✗  |
|  | ✓ تبدیلیاتی کاموں کی وجہ سے ٹریفک میں رکاوٹ اور مقامی رہائشیوں کی آمدورفت میں مشکل سے بچنے کے لیے عارضی/متبادل راستوں کا مہیا کرنا یقینی بنایا جائے | ✗  |
|  | ✓ مقامی خواتین، بچوں اور بزرگوں کا احترام کریں اور خواتین سے مشاورت کو یقینی بنایا جائے | ✗  |
|  | ✓ پراجیکٹ سائٹ پر فرسٹ ایڈ باکس کی موجودگی کو یقینی بنایا جائے | ✗  |
|  | ✓ ایمرجنسی کی صورت میں ریسکیو (1122) پر 15 پر اطلاع کریں | ✗  |
|  | ✓ مذہبی مقامات (مساجد، گھر، مندروں، مزارات وغیرہ) اور تاریخی عمارتوں کو کسی قسم کا نقصان پہنچانے یا وہاں کوڑا کرکٹ پھینکنے سے گریز کریں | ✗  |



PUNJAB CITIES PROGRAM



شہری ترقی کے منصوبہ جات کی تعمیر و تکمیل کے دوران درپیش ماحولیاتی مسائل اور ٹھیکیدار کی ذمہ داریاں

- | | | |
|---|---|---|
|  | ✓ لیبر / ورکرز کی صفائی ستھرائی کو یقینی بنایا جائے اور گندے پانی اور کوڑا کرکٹ کو مناسب طریقے سے مقرر کردہ جگہ پر ٹھکانے لگایا جائے | ✗  |
|  | ✓ ہمیشہ بہترین حالت کی مشینری اور گاڑیوں کا استعمال کریں تاکہ ماحولیاتی آلودگی اور شور و غل سے بچا جاسکے | ✗  |
|  | ✓ تمام تعمیرات والی جگہوں اور جہاں مٹی اور گرد و غبار ہو وہاں باقاعدگی سے پانی کا چھڑکاؤ یقینی بنائیں | ✗  |
|  | ✓ کھدائی سے حاصل ہونے والی مٹی، مٹی اور فائو سامان کو بروقت اور مناسب طریقے سے ٹھکانے لگایا جائے اور تبدیلیاتی مقامات پر کوڑا دان نصب کیے جائیں | ✗  |
|  | ✓ جہاں تک ممکن ہو سکے، تبدیلیاتی منصوبوں سے پہلے اور دوران، سائٹ پر موجود اور گرد درختوں کو کسی قسم کا نقصان پہنچانے اور کاٹنے سے گریز کریں | ✗  |
|  | ✓ پرندوں کے گھونسلوں اور جنگلی حیات کو کسی قسم کا نقصان نہ پہنچائیں اور جانوروں / پرندوں کا شکار سختی سے ممنوع ہے | ✗  |
|  | ✓ آبی ذرائع کو آلودگی سے بچائیں اور کوڑا کرکٹ / مٹی وغیرہ قریبی ندی تالوں میں پھینکنا منع ہے | ✗  |
|  | ✓ پانی اور بجلی بچائیں اور تعمیر کے دوران ماحولیاتی وسائل کو ضائع کرنے سے گریز کریں | ✗  |
|  | ✓ کورونا کے دوران پراجیکٹ سائٹ اور لیبر کیپ میں بار بار ہاتھ دھونے اور ایک دوسرے سے فاصلہ رکھنے جیسے صحتمند اصول اپنائیں | ✗  |



PUNJAB CITIES PROGRAM



SOPs for Environment, Health & Safety (URDU)

PUNJAB CITIES PROGRAM (PCP)

ترقیاتی منصوبوں کی تعمیر و مرمت کے دوران کام کرنے والے مزدوروں پر ورکرز (بشمول خواتین لیبر ورکرز) کی صحت، حفاظت اور ماحول کے لئے معیاری اصول و ضوابط

HELP BUILD PMDFC HEALTHY CITIES

THE WORLD BANK

Local Government & Community Development

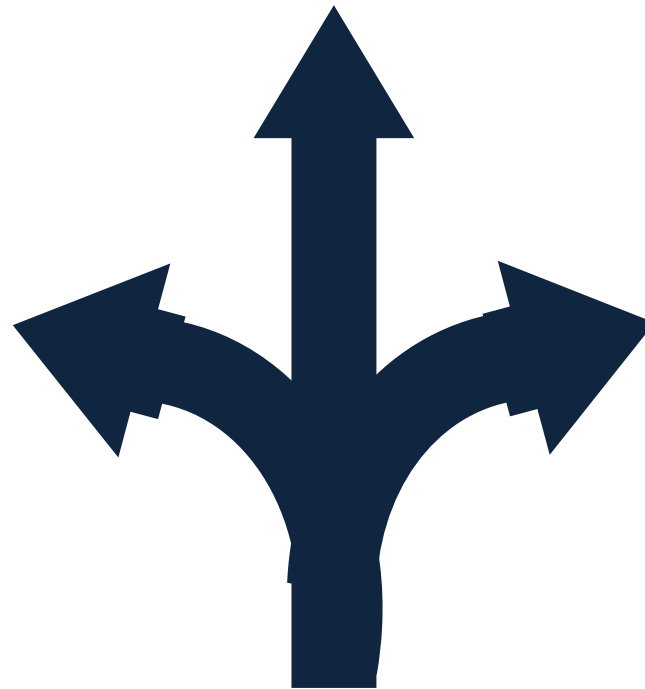


- 184 Scotch Corner, behind NIPA Building, Upper Mall, Lahore, Punjab 54000
- (042) 99204386
- www.pmdfc.org.pk

Way Forward

Implementation of ESMF in cities in coming years-Screening to Monitoring

- EHS SOPs Launch and Training of Labor
- Compilation of Laws/Acts for donors Projects
- Dissemination of SOPs, ESMF and Knowledge products



- Environment & Social Management Training Programs for cities
- Training Design and execution



**THANK YOU FOR YOUR
ATTENTION!**