



Hon. Balasaheb Thackeray Agribusiness and Rural
Transformation (SMART) Project

Full Project Proposal (FPP)
(Template)

Sub-Project Title:.....

Submitted by

....., Community Based Organization (CBO),

Block-..... District-.....

Index

Section 1 :- Preliminary information of CBO

Section 2 :- About selected Crops, marketable surplus and its value chain

Section 3 :- About proposed Sub –project

Section 4 :- Sub Project Implementation Plan

Section 5 :- Sub-project Budget and Financial Analysis

Section 6 :- Assumptions

Section 7 :- Social Action Plan

Section 8 :- Environmental Action Plan .

Section 9 :- Procurement Plan

Section 1- Preliminary information of CBO

1.1 General information

1.	Name of the Community Based Organization (CBO)	
2.	Address	
3.	Details of the contact person	Name:----- Designation in CBO:----- Mobile Number: ----- Email: -----

1.2 About registration of organization

1.	Organization type (please mark (v) on appropriate option)	1. Farmer Production Company (FPC) 2. Cluster Level Federation (CLF) 3. Community Management Resource Center (CMRC) 4. Other
2.	Whether organization is registered?	Yes / No
2.1	If yes, under which act	
2.2	Year of registration and registration number	Registration year ----- Registration number -----
3.	PAN number of the organization	
4.	Udyog Aadhar number / Udyam registration No. of the organization	
5.	Authorized Capital of organization (Rs. In Lakhs)	
6.	Paid up capital of organization (Rs. In Lakhs)	

--	--	--

1.3 Details of Board Members

No.	Name of the BoD	Gender M/F	Social category	Land Holding (Ha)	Designation	Education	PAN No.	Aadhar No.	Contact number (mobile number)

Note:Kindly use short form for presenting social category i.e. SC, ST, NT, OBC and General of each BoD

1.4 Details of trainings in which BoD members were participated as trainee

No.	Name of the training	Duration (days)	Name of organizing agency	Topics covered	Name of members participated in training

1.5 Details of shareholders / members of CBOs

Total No. of shareholders	Female	Male	Scheduled Castes	Scheduled Tribes	Marginal Farmers (0-1 ha)	Small farmers (1-2 ha)	Medium farmer (2-5 ha.)	Big farmers (More than 5 ha.)	Tenants	landless

1.6 Details of other participating CBOs if any (If there is more than one promoter agency (CBO), then provide details of other agencies in following table)

No.	Name of agency	Address	Name of contact person	Contact no.	Total number of members / shareholders

1.7 Details of movable and immovable property owned by the organization

SN	Types of assets	Unit	Total units	Present market value per unit (Rs.)	Total market value (Rs.)
A	Immoveable Assets				
1					
2					
	Total (A)				
B	Moveable asset				
1					
2					
	Total (B)				
	Gross total (A+B)				

Note: provide details of assets owned by organisation such as. Land , building , agri. produce collection centre , cleaning and grading machinery , Processing related machineries, other available machinery and equipment if any, warehouse , cold storage, vehicle , furniture , IT related infrastructure such as computer, printer etc.

1.8 Details of licenses obtained by CBO (DML, Udyog Aadhar / Udyam registration , shop act and other licenses)

SN	Name of license	Issuing agency/department	License no and date of issuing	Validity (duration)

--	--	--	--	--

1.9 Details of ongoing business activity of CBO along with snapshot on farmers participation (year 20—to --)

Sr.No.	Name of business activity	Number of participated members	
		Members of CBO	Non-member
A	Aggregation and bulk marketing of agri. / Horti commodities		
1			
2			
B	Primary processing on agricultural commodities (cleaning and grading)		
1			
2			
C	Bulk procurement and selling of agricultural inputs (Fertilizer, seeds etc.)		
1			
2			
D	Seed production		
1			
2			
E	Others (e.g. processing, direct marketing, custom hiring center etc.)		
1			
2			

1.10 Annual turnover of CBO (last three years)

Details	Year- 20-- to --	Year- 20-- to --	Year- 20-- to --
Annual turnover (Rs.			

Lakh)			
--------------	--	--	--

Note: -Annual turnover should be given as per the audit report. Definition of turnover is as follows

“Turnover ” means the gross amount of **revenue** recognized in the profit and loss account from the sale, supply, or distribution of goods or on account of services rendered, or both, by a company during a financial year.)

Section 2 – About selected Crops, marketable surplus and its value chain

2.1 Details of major crops selected for sub-project and its marketing status (average of last three years)

No.	Crop	CBO members Area under particular crop (Ha.)	Average productivity (tons per Ha.)	Total Production (tons)	Marketable surplus (tons)	Quantity of produce Aggregated and sold by CBO (tons)	Quantity of produce sold by member at individual level (tons)

2.1.1 Details of agro produce aggregated and sold by CBO (Average of last three years)

No.	Buyer	Agriculture Commodity (quantity in MT)
1	Processor	
2	Exporter	
3	OrganizedRetailChain	
4	Direct marketing License (DML) holder	
5	Otherspecify	

2.2 Existing value chain of key crops

A 'value chain' in agriculture identifies the set of actors and activities that bring a basic agricultural product from production in the field to final consumption, where at each stage value is added to the product.

2.2.1 Value chain of the selected crop (key chain) along with percentage of the marketable surplus is sold? (Please refer annex for knowing how to write value chain.)

2.2.2 Challenges in existing value chain of selected crops

- 1.
- 2.
- 3.

2.2.3 Potential remedies to address above issues in value chain

- 1.
- 2.
- 3.

2.3 Whether the CBO has conducted market survey for mapping potential buyers / market?

Yes /No

2.3.1 If yes, please provide details

2.3.2 Details of potential buyers/markets identified through survey

No.	Name of buyer/market	Address	Contact person and its No.	E-mail Id	Agri. / Horti. Produce

Section 3: About proposed Sub -project

1. **Name of the proposed sub project :**

2. **Type of sub project**(please mark (v) on appropriate option)

2.1 Sub project - Productive Partnership (PP)

2.2 Sub project – Market Access Plans (MAPs)

2.3 Other.....

3. **Proposed objectives of the sub project :**

1.

2.

3.

4. **About sub-project location:** Sub project location (village, block, district, distance from block and district head quarter, district/state/national high way etc.)

5. **No. of Villages covered under sub project -**

6. **Details of existing infrastructure available for the proposed sub-project**

No.	Particulars	Details
1	Location of sub-Project	1. Village : ----- 2. Grampanchayat :----- 3. Block : ----- 4. District: -----

		5. State: -----
2	Latitude and Longitude of the village	Longitude -----Latitude-----
3	Total required land for establishing proposed sub project	-----acre
4	Whether the land owned by organization	Yes / No if yes; provide following details Survey no/ Gat No----- Longitude -----Latitude-----
5	a. Is the land is on lease basis ; If yes; then its details b. Social Category of the land owner c. Whether the land is encroachment free	Yes / No Survey no/ Gat No----- Tenure of agreement -----year Date of agreement :..... Longitude -----Latitude----- SC/ST/NT/OBC/GEN Yes/No (Certificate of non-encroachment to be attach by relevant authority like DIU Head)
	Proposed land use	Land under cultivation Fallow land Industrial use
6	Details of facilities available at identified site	
6.1	Whether electricity supply is available	Yes / No If yes; provide following details Name of connection holder----- Type of power connection: Single Phase / Three phase Capacity: -----
6.2	Whether water is require for running proposed sub project?	Yes / No

		Detail of facilities----- How many months water is available ----- months in a year
6.3	Status of road connectivity at selected plot	Road connectivity - Yes / No

7. Agri. / Horti. Produce aggregation plan of CBO for next five years

No	Name of commodity	Annual Quantity of produce (MT)									
		20--to --		20--to --		20--to --		20--to --		20--to --	
		Quantity (MT)	%	Quantity (MT)	%	Quantity (MT)	%	Quantity (MT)	%	Quantity (MT)	%
३											
३											

8. Proposed value chain of selected crop/ s (crop wise) (Please refer annex for knowing how to write value chain.)

9. Details of buyers selected for developing value chain: -

(Please provide details of the buyer who signed MoU with CBO)

SN	Details	Description
1	Name of buyer	
2	Address and contact No.	
3	Details of authorized person (name, designation, contact no. and E-mail id)	

4	Type of buyer organization	1. Processor 2. Exporter 3. Registered buyers /trader 4. Organized Retailers e.g. D- Mart, Reliance 5. Other -----									
5	Whether the buyer is registered?	Yes / No If yes, then under which act -----									
6	Registration Number/ License Number										
7	PAN number										
8	Buyer total annual average requirement of produce (Quantity in MT)										
9	Quantity of produce to be procured by selected buyer – quantity as per MoU (Year 20-- to --)	<table border="1"> <thead> <tr> <th>crop</th> <th>Year</th> <th>Agro produce (ton)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	crop	Year	Agro produce (ton)						
crop	Year	Agro produce (ton)									
10	Annual turnover of buyer Rs. lakh (last three years)	20-- to – 20-- to – 20-- to –									

10. Quality parameters of agri. / horti. produce to be procured

(Provide details of specific quality parameters as suggested by the buyer. Other terms and condition i.e. transportation, packaging material, availability of crates/ gunny bags etc.)

Sr.No.	Commodity	Quality parameter for procurement of produce	Other terms / Conditions for produce handing over / transaction
1			
2			

11. How you decided price of commodity (Method for fixing of prices of commodities)

12. Responsibilities of CBO and the Buyer for developing value chain of crop commodity

Responsibility of CBO	Responsibility of buyer

Note: Provide details in bullet points on quality parameter/ quantity / transportation / payments / technology / produce handing over etc.

13. Proposed Business activity/ies

No.	Business/activities	Operational days in a year (Days)	Remark
A	Post-harvest technology /practices		
1			
2			
B	Secondary processing		
1			
2			
C	Quality production		
1			
2			
D	Marketing management		
1			
2			
E	Other		
1			

2			
---	--	--	--

Note: Fill up the relevant activity under each component.

14. What is the uniqueness and innovation in proposed sub-project?

15. Key components of sub-project i.e. construction, machinery and other materials required for proposed business / activities

No	Details of proposed business/activities	capacity	Rate /Unit	Total Unit	Total amount (Rs.)
A	Business/Activity No. 1				
A1	Building and Construction				
1					
2					
A2	Machinery and equipment				
1					
2					
A3	other				
1					
2					
	Total (A)				
B	Business/Activity No. 1				
B1	Building and Construction				
1					

2					
B2	Machinery and equipment				
1					
2					
B3	other				
1					
	Total (B)				
	Total (A+B)				

16. Specify the benefits of working together to CBO its members and buyer

No.	Benefits to CBO	Benefits to buyer	Benefits to members

Section 5 Sub-project Budget and Financial Analysis

5.1 Sub project budget and means of finance

5.1.1 Budget

No.	Proposed component	Unit	Unit rate	Total unit	Total amount (Rs.)
1	Building and civil work				
2	Machineries and Equipment				
3	Furniture and Fixture				
4	IT Infrastructure				
5	(preliminary and preoperative)				
	Total				

5.1.2 Means of finance

No	Component	Amount (Rs.)	Contribution (%)
1	SMART project support (subsidy)		
2	CBOs own contribution		
3	Bank loan		
4	Other		
5	Total		

** If necessary, the applicant can approach to the bank for obtaining loan. (Borrowing loan from a bank is not mandatory under Smart Project)*

5.2 Financial Analysis

5.2.1 Project Cost Summary:

Sr. No.	Component	Amount	*Smart Subsidy %	Smart Subsidy Amount (Rs.)
1	Land		0%	
2	Building & Civil Work		60%	
3	Machineries & Equipment		60%	
4	Furniture & Fixture		60%	
5	IT Infrastructure		60%	
6	Preliminary and Preoperative Expenses		60%	
	Total			

**The above subsidy percentage is indicative. It may change based on the decision of State Proposal Approval Committee of Smart Project.*

5.2.2 Depreciation Estimates

Sr.	Component		Y1	Y2	Y3	Y4	Y5	Y6	Y7
A.	Land	Opening							
	<i>Rate of Depreciation Per Annum</i>	0%							
		Closing							
B.	Building & Civil Work	Opening							
	<i>Rate of Depreciation Per Annum</i>	3.17%							
		Closing							
C.	Machineries & Equipment's	Opening							
	<i>Rate of Depreciation Per Annum</i>	6.33%							
		Closing							
D.	Furniture & Fixtures	Opening							
	<i>Rate of Depreciation Per Annum</i>	10.00%							
		Closing							
E.	IT Infrastructure	Opening							
	<i>Rate of Depreciation Per Annum</i>	10.00%							
		Closing							
		Opening Balance							
		Total Depreciation							
		Balance Asset							

**For ease of calculation it is suggested to use SLM (Straight Line Method)*

5.2.3 Amortization

	Opening Amount	Rate of Amortization Per Annum	Amortization Amount	Closing Amount (Opening Amount – Amortization Amount)
Year 1		20%		
Year 2		20%		
Year 3		20%		
Year 4		20%		
Year 5		20%		
Total				

**For ease of calculation it is suggested to use SLM (Straight Line Method)*

5.2.4 Bank Loan Projection

Loan Amount :

Rate of Interest Per Annum :

Loan Tenure (in Years) :

Moratorium Period (in Years) :

Year	Principal Outstanding	Principal	Interest
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

5.2.5 Revenue and Expenses Assumption

Sr. No.	Proposed Facility/ Activity Name	Capacity	Income @ 100% Capacity	Variable Cost @ 100 % Capacity	Fixed Cost @ 100 % Capacity
Note: kindly refer indicative example presented on next page. Kindly use one row for one business activity.					
1					
2					
3					
4					

Sr. No.	Proposed Facility/ Activity Name	Capacity	Income @ 100% Capacity	Variable Cost @ 100 % Capacity	Fixed Cost @ 100 % Capacity
Note: kindly refer indicative example presented on next page. Kindly use one row for one business activity.					

Example (indicative) :

Sr. No.	Proposed Facility/ Activity Name	Capacity	Income	Variable Cost	Fixed Cost
1	Dal Mill	1 TPH	200 Days Operational (5 Hours Per Day) Tur for 120 Days (600 MT Processed) Tur Dal 70% - (420 MT X Rs. 70,000 = Rs. 2,94,00,000) Other By-products 30% - (180 MT X Rs. 15,000 = Rs. 27,00,000) Channa for 80 Days (400 MT Processed) Channa Dal 75% - (300 MT X Rs. 55,000 = Rs. 1,65,00,000) Other By-products 25% - (100 MT X Rs. 15,000 = Rs. 15,00,000) Total Income = Rs. 5,01,00,000	Raw Material – Tur (600 MT X Rs. 45,000 = Rs. 2,70,00,000) Channa (400 MT X Rs. 35,000 = Rs. Rs. 1,40,00,000) Labour – (10 Labours X 200 Days X Rs. 300 = Rs. 6,00,000) Electricity – (100 Units X 200 Days X Rs. 10 = Rs. 2,00,000) Packaging Material – (INR 300 X 1000 MT = Rs. 3,00,000) Total Expenses = Rs. 4,21,00,000	Manager salary - (1 X 12 Months X Rs. 30,000 = Rs. 3,60,000) Support staff salary – (4 X 12 Months X Rs. 15,000 = Rs. 7,20,000) Electricity – (100 kVA X 12 Months X Rs. 150 = Rs. 1,80,000) Lease/ Rent – (Rs. 10,000 X 12 Months = Rs. 1,20,000) Maintenance – (Rs. 10,000 X 12 Months = Rs. 1,20,000) Total Expenses = Rs. 15,00,000
2	Trading (Aggregation Centre, Cleaning & Grading Unit and Marketing)	Cleaning & Grading Unit -1 TPH Aggregation Centre – 20 MT	200 Days Operational (5 Hours Per Day) Wheat for 100 Days (500 MT Processed) Grade 1 - Wheat 70% - (350 MT X Rs. 20,000 = Rs. 70,00,000) Grade 2 - Wheat 30% - (150 MT X Rs. 17,000 = Rs. 25,50,000) Moong for 100 Days (500 MT Processed) Grade 1 - Moong 75% - (375 MT X Rs. 60,000 = Rs. 2,25,00,000)	Raw Material – Wheat (500 MT X Rs. 16,000 = Rs. 80,00,000) Moong (500 MT X Rs. 53,000 = Rs. Rs. 2,65,00,000) Labour – (8 Labours X 200 Days X Rs. 300 = Rs. 4,80,000) Electricity – (50 Units X 200 Days X Rs. 10 = Rs. 1,00,000) Packaging Material – (INR 300 X 1000 MT = Rs. 3,00,000)	Manager salary - (1 X 12 Months X Rs. 30,000 = Rs. 3,60,000) Support staff salary – (4 X 12 Months X Rs. 15,000 = Rs. 7,20,000) Electricity – (50 kVA X 12 Months X Rs. 150 = Rs. 90,000) Lease/ Rent – (Rs. 5,000 X 12 Months = Rs. 60,000) Maintenance – (Rs. 5,000 X 12 Months = Rs. 60,000)

Sr. No.	Proposed Facility/ Activity Name	Capacity	Income	Variable Cost	Fixed Cost
			Grade 1 - Moong 25% - (125 MT X Rs. 50,000 = Rs. 62,50,000) <u>Total Income = Rs. 3,83,00,000</u>	<u>Total Expenses = Rs. 3,53,,80,000</u>	<u>Total Expenses = Rs. 12,90,000</u>

5.2.6 Projected Profit & Loss Statement

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Capacity Utilization							
Income							
Facility 1							
Facility 2							
Facility 3							
Fixed Cost							
Facility 1							
Facility 2							
Facility 3							
Variable Cost							
Facility 1							
Facility 2							
Facility 3							
Earnings Before Interest, Depreciation and Tax (EBIDT)							
Depreciation							

Interest							
Profit Before Tax (PBT)							
Income Tax							
Profit After Tax (PAT)							
Cumulative Profits							

5.2.7 Cash Flow Statement Projection

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Cash Inflow (Rs.)								
1	Revenue							
2	Working Capital loan							
3	Equity/ Share capital							
4	Smart Subsidy							
5	Term Loan							
6								
	Sub Total (A)							
Cash Outflow (Rs.)								
1	Capital Expenditure							
a								
b								
c								
2	Operational Expenditure							
a	Fixed Cost (Excl. Of Interest)							
b	Variable Cost							
3	Loan Repayment							

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
LIABILITIES & SHAREHOLDERS EQUITY							
CURRENT LIABILITIES							
Short Term Debt							
Accounts Payable & Accrued Expenses							
Other Current Liabilities							
Total Current Liabilities							
Long Term Debt							
Differed Tax Liabilities							
TOTAL LIABILITIES							
Share capital							
Smart Grant-in-aid							
Reserves and Surplus							
Add: Opening Balance (P/L Account)							
Profit & Loss) During the Year							
Appropriation – Dividend							
Total Reserves							
TOTAL EQUITY							
TOTAL LIABILITIES & EQUITY							

5.2.9 Financial Indicators

- A. Return on Capital Employed (RoCE) or Return on Equity (RoE)**

- B. Net Present Value (NPV)**

- C. Internal Rate of Return (IRR)**

- D. Pay Back Period (Project/ Equity)**

- E. Break Even Point (BEP)**

- F. Debt Service Coverage Ratio (DSCR)**

- G. Sensitivity Analysis**

Key Points for Information

A. Return on Capital Employed (RoCE) or Return on Equity (RoE)

RoCE or Return Equity for the project shall be more than 10% to consider the project is financially viable

B. Net Present Value (NPV)

With a discount rate of 10% and a span of 7 operational years, the NPV should be positive to consider that the project is financially viable.

C. Internal Rate of Return (IRR)

The project internal rate of return **shall be more than 10%** as per the current financial scenario of the country, If the project **IRR is more than 10%** than project is feasible for investment.

D. Pay Back Period (Project/ Equity)

The Pack Back Period (Project/ Equity) shall be less than 5 years to consider that it is financially viable

E. Break Even Point (BEP)

The average breakeven percentage shall be more than 50% to consider that it is financially viable

F. Debt Service Coverage Ratio (DSCR)

DSCR shall be more than 1.5 for better performing project.

G. Sensitivity Analysis

The robustness of the proposal can be been checked through a sensitivity analysis based on unique application of +10% and -10% variations on the costs and quantum assumed for developing the proposal (4 scenarios derived from such analysis shall be represented).

**The above financial viability parameters are indicative and based on the nature of project it may. The final decision to consider the project is viable lies with state level sanction committee*

Section 6 : Assumptions

6.1 Key Assumptions

(Applicant should provide basic information for each business activity / facility covered in sub-project. the information will be used for finalizing assumptions and undertaking financial analysis.)

The following information should be filled separately for each business activity / facility covered under the sub-project. E.g. If an CBO has decided to set up 'dal mill' and 'aggregation cleaning, grading and marketing of agro produce', then details of both the activities / facilities should be provided separately in following table)

1. Basic Information of the business/facility

No.	Particulars	details
1.	Business activity/Facility	-----
2.	Area Required for establishing facility	----- (in Sq. Ft):
3.	Capacity of Facility	-----/hr per day
4.	No. of hours, the facility will be operational in a day	-----hr per day
5.	Capital investment for machinery and equipment's (as per quotation)	-----Rs.(in lakh)
6.	Investment on civil and construction compoent (As per estimates):	-----Rs.(in lakh)
I	How many days, the facility will be operational in a year	Annual days-----

2. Details of revenue generated through above facility

No.	Finished product	Unit	Whole price /Rs.- -----per unit	Retail price /- Rs.....per Unit
1				
2				

3. Expenditure on raw material

No.	commodity	Procurement Price Rs... Per Quintal:	Remark
1			

2			
3			
4			

4. Expenditure on salary of management staff

No.	Designation:	No. of Staff:	Salary Rs....Per Month:	Remark
1				
2				

5. Expenditure on remuneration of labor

No.	Type of workers	No.	Wages Rs.... / per day	Remark
1	skilled			
2	Semi skill			
3	Un skilled			

6. Expenditure on rent/lease of plot / sub-project site

No	Component	Land lease Rent Rs-----per month	Remark
1	land rent		
2	other		

7. Expenditure on electricity charges required for facility

No	Cumulative HP for all Machinerics and equipment's	No. of Units Consumption Per Hour:	Per Unit Cost Rs.....per unit	Remark
1HPPER HR.		

8. Maintenance cost facilities

No	Component	Detail	Remark
1	Maintenance of machinery, building, equipment etc,	Rs. -----per month	

9. Other consumables required for production

No.	Name of Consumables	Unit	Total Unit	Cost Per Unit (Rs)	Remark
1					
2					
3					

E.g. edible oil, salt, sugar etc.

10. Expenditure on packaging material

No.	Type of Material	Size of Packaging material	Unit	Total unit	Cost Per Unit (Rs.)	Remark
1						

11. Expenditure on storage/warehouse for product

No.	Crop Name:	Storage Duration (month)	Storage Cost Per Quintal Per Month:	remark
1				

12. Other Expenditure

No.	Component	Rs/per month	remark
1			

1. The above information should be filled separately for each business/activity / facility covered under the sub-project. E.g. If an CBO has decided to set up 'dal mill' and 'aggregation cleaning,

grading and marketing of agro produce', then details of both the activities / facilities should be provided separately in following table

- 2. Please refer necessary quotations, estimates, market survey reports etc. for filling up above information.*
- 3. In case of additional information concerned project officer/staff should consult with the applicant during preparation of DPR.*

6.2 Other assumptions

1. Year wise participation of CBO member
2. Production assumption of various years
3. Average depreciation – machinery, building, IT infra.
4. Interest rate on long and short term loans
5. Insurance
6. Facilitation charges- bulk marketing
7. Income tax

Section 7

SOCIAL ACTION PLAN¹

1. Name of Nodal Person of CBO for implementation and reporting of Social Action Plan :

Particulars	Yes/ No	If Yes, Specify
2		

¹ Following the Environment and Social Management Framework of the SMART <https://www.smart-mh.org/smart/aboutsmart>

Does the sub project area falls under Scheduled V ² (Tribal) Area?		
Does the sub project area have Particularly Vulnerable Tribal Groups ³ {PVTGs}?		
Does the sub project		

² List of tribal districts & blocks (Scheduled V Area) is available at <https://cdnbbsr.s3waas.gov.in/s3c8758b517083196f05ac29810b924aca/uploads/2019/11/2019112132.pdf>

³ Particularly Vulnerable Tribal Groups - Kataria (Kathodia), Kolam, Maria Gond

falls under Left Wing Extremism ⁴ area {LWE}?		
Does the subproject districts falls under Aspirational District ⁵ ?		
3		

⁴ *Left Wing Extremism districts Chandrapur, Gadchiroli, Gondia*

⁵ *Aspirational Districts - Nandurbar, Washim, Gadchiroli, Osmanabad*

Does this Sub project involve compulsory acquisition of private land ?		
Does this Sub project involve purchase of private land ?		
Does this Sub project involve phy		

sical relo cati on of peo ple, hou ses, sho ps, buil ding s etc. ?		
Doe s this Sub proj ect invo lve clos ure of acc ess to com mo n rout es, facil ities and reso urce s?		
Doe s this Sub proj ect invo lve acti vitie s		

that adversely impact local livelihoods and businesses?		
Does this Subproject cover Indigenous Peoples villages/territories' (villages with scheduled tribe population and designated Schedule V		

<p>are as) whe re free , prio r, and info rme d con sult atio ns hav e not bee n don e?</p>		
<p>Doe s this Sub proj ect cov er Indi gen ous Peo ples villa ges/ terri tori es (Vill age s wit h sch edul ed trib e pop ulati</p>		

<p>on and Sch edul e V are as) whe re evid enc e for bro ad com mu nity sup port has not bee n obt aine d or is not avai labl e?</p>		
<p>Does this Sub proj ect invo lve any acti vitie s that coul d neg ativ ely affe ct the</p>		

social, cultural and religious beliefs, practices and livelihoods of indigenous peoples (tribal people)?		
Does this Subject involve activities that could adversely affect cultural property, including		

<p>ng arch aeol ogic al and hist oric al site s?</p>		
<p>Does this Sub proj ect invo lve any acti vitie s that coul d pot enti ally use forc ed labo ur⁶ or chil d labo ur⁷ and oth er labo ur- expl oita tive</p>		

⁶ *Forced labor means all work or services not voluntarily performed, that is, extracted from individuals under threat of force or penalty*

⁷ *A child under the age of 14 will be considered as child labor. A child over the minimum age of 14 and under the minimum age of 18 may be employed or engaged in connection with the Project only under the following specific conditions: The work is not hazardous in nature and is likely to jeopardize the child's health, safety, or morals. An appropriate risk assessment is conducted prior to work commencing. The Borrower conducts regular monitoring of health, working conditions, hours of work, and the likelihood of potential threat to the child's overall development.*

prac tice s?		
Doe s this Sub proj ect invo lve dee p exc avat ion wor ks, haz ard ous che mic als, expl osiv es, sub mer gen ce, dan ger ous site s whi ch thre ate n the heal th and safe ty of wor kers and loca l		

com mu niti es?		
Doe s the sub proj ect invo lves any haz ard ous wor k for labo urs duri ng con stru ctio n wor k?		
Doe s this Sub proj ect invo lve any activ ities that coul d har m the heal th, safe ty and well		

being of women, girls and children?		
4.		
4		

Whether CBO will take measures for the inclusion of vulnerable households, including SC, ST, Women Headed household, tenant farmers, returnee migrants and other vul		

nerable workers in Subproject activities?		
4		

Whether free, prior and informed consultations with Tribal community has been conducted?		
Whether the consent		

<p>of Tribal Community for Project Implementation has been obtained?</p>		
<p>Whether the access and benefits of project activities /facilities to Tribes will be ensured?</p>		
<p>4</p>		
<p>Whether own 7/12 extract or</p>		

regis tere d Leas e Agre eme nt for rent /lea se of priv ate land for 29 year s has bee n atta che d?		
Whe ther non encr oac hme nt certi ficat e of land has bee n atta che d ? (by rele vant auth ority like DIU Hea d/Gr amp anch		

ayat /Tala athi etc.)		
4		

Whether CBO will take measures for safeguarding health and safety facilities for workers (when camps are set up)? (e.g. enough space for living, hygiene facility, drinking		

wat
er.
Sep
arat
e
was
hroo
m
for
mal
e &
fem
ale,
crèc
he/s
hed
for
child
ren,
train
ing/
awa
rene
ss
on
The
Sexu
al
Hara
ssm
ent
of
Wo
men
at
Wor
kpla
ce
(Pre
vent
ion,
Proh
ibiti
on
and
Redr
essa
l)
Act,
201
3,
mec
hani
sm

--	--

to address sexual violence etc.)		
Whether CBO will take measures to address risks related with influx of migrant labour from outside? (e.g. measures to prevent crime, communicable diseases, gender base violence, child		

labor, accidents, etc.)		
Whether CBO will take measures to record and address incidents of gender-based violence and sexual harassment?		
4		

Whether CBO will take measures on Community Health and Safety? (e.g. measures to prevent accident, physical injury, sexual exploitation of community members)		

mber, etc.)		
Whether CBO will take measures on Occupational Health and Workers Safety? (e.g. measures to prevent on site accident, physical injury, sexual exploitation of workers, etc.)		
Whether CBO		

will take Safety measures on COVID-19. (Social distancing, use of Mask, etc.)			
Sr. No.	Particulars	Current Status (Baseline of CBO)	Proposed target in the Sub-project
	Social Inclusion & Gender Integration targets⁸ (%)		
A	Total No. of Farmers/Members		
B	No. of Small and marginal Beneficiaries (& their %)		
C	No. of Women Shareholders (& their %)		
D	No. of Women Board of Directors (& their %)		
E	No. of Schedule Tribes (& their %)		
F	No. of Schedule Caste (& their %)		
G	No. of Tenants (& their %)		
H	No. of Landless (& their %)		
I	No. of Women having land title (7/12) (& their %)		

5. Social Sub-project Targets :

⁸ *As per the Social Inclusion & Gender Strategy of the Project, out of total beneficiary of the project, 80% will be small & marginal farmers, minimum 30% will be Women beneficiary, minimum 6% will be Schedule Tribes, minimum 7% will be Schedule Caste beneficiary. Also CBO should have minimum 20% Women Board of Directors.*

Section 8- Environmental Action Plan

The Environmental Action Plan (EAP) will provide guidance to the CBOs in minimization/mitigation of potential environmental risks/impacts of the agricultural and animal husbandry value chain development activities of the subproject. The environmental baseline information for providing suggestions to CBOs for bringing out performance improvements in the activities of the subproject are collected as per the below-mentioned tables:

1. Name and contact number of CBOs Nodal Person for implementation and reporting of Environmental Action Plan:

2. Information related to Environmental Compliance according to the ESMF Report⁹:

A. For Agriculture Value chain Development Subprojects			
Sr. No.	Will the Subproject Activity	Yes/No	If Yes, Specify
1.	Be located within or near environmentally sensitive areas like Protected/Reserve Forests ¹⁰ , Wetlands, Special area for protecting biodiversity, Cultural heritage site?		
2.	Cause ecological degradation resulting from modification of non-agricultural lands to agricultural lands?		
3.	Have risk of deforestation?		
4.	Affect the indigenous floral (plant) and faunal (animal) biodiversity?		
5.	Be located in a site vulnerable to major natural disasters or induced hazards such as Landslides, Flooding, Storm, Earthquakes, etc.		
6.	Involves use of pesticides banned by Govt. of India ¹¹ , pesticides listed in Class Ia, Ib, Class II of World Health Organization (WHO) ¹²		
7.	Involves use of uncertified seeds or banned crop varieties?		
8.	Involves burning of Crop Residue/Stubble on the farmland?		
9.	Involves disposal of agricultural production/processing waste and waste water without treatment in the surrounding environment (land, water bodies, water drainage lines, etc.)?		
10.	Are the agricultural commodities sent for testing of their Maximum Residue Level (MRL) (mg/kg) values in laboratories?		
11.	Involves use of polluting and non PUC certified vehicles like trucks, vans, tempos, reefer van, etc.		
12.	Have approach to pucca roads for doing transportation planning?		
B. For Animal Husbandry Value chain Development Subprojects			
1.	Involves rearing/grazing of small ruminants (goat, sheep) and poultry birds in the forest areas?		
2.	Involves introduction of exotic animal breeds in the Subproject?		
3.	Are animal waste management and disposal practices being introduced?		
4.	Involves use of banned veterinary drugs in the livestock rearing ¹³ ?		
5.	Involves operating slaughter house without Abattoir (Slaughterhouse) waste and Effluent (wastewater) Treatment Plant (ETP) facility ¹⁴ ?		
6.	Likely to cause risk to community's health due to transmission of diseases from the livestock to humans?		

3. Environmental Baseline Information and related Safeguard Targets for the Subproject

Sr. No.	Agricultural Practices followed in the Subproject	Unit	Current/Baseline Condition in the Subproject	Target to be Achieved in the Subproject
A. For Agriculture Value chain Development Subprojects				
1.	Average use of chemical fertilizers-			
	Nitrogen (N)	Kg/ha.		
	Phosphorus (P)	Kg/ha.		
	Potassium (K)	Kg/ha.		

¹Please refer to the SMART Project's Environmental and Social Management Framework (ESMF) report: https://www.smart-mh.org/cdn//2019/08/190818171526_405e4be8b9d3ce2374fe29ce1561a62b.pdf

²List of protected areas of Maharashtra- http://www.wiienvis.nic.in/Database/Maharashtra_7829.aspx

³List of Pesticides banned by the Govt. of India:

http://ppqs.gov.in/sites/default/files/list_of_pesticides_which_are_banned_refused_registration_and_restricted_in_use_01.07.2021.pdf

⁴List of Pesticides banned by the World Health Organization (WHO): <https://www.iloencyclopaedia.org/part-ix-21851/minerals-and-agricultural-chemicals/item/318-the-who-guidelines-to-classification-of-pesticides-by-hazard-part-1>

⁵List of veterinary drugs banned by the Govt. of India: https://www.nhp.gov.in/Complete-list-of-344-drugs-banned-by-the-Ministry-of-Health-Family-welfare_pg

⁶Slaughterhouse waste and waste water management document:

<https://cpb.nic.in/openpdffile.php?id=TGF0ZXN0RmlsZS8xNzVfMTUxMTI2NDE0MV9tZWVpYXBob3RvODkzOS5wZGY=>

2.	Area in which recommended dose of chemical fertilizers is used	ha.		
3.	Area in which fertilizers used is less than recommended dose	ha.		
4.	Area in which fertilizers used is above the recommended dose	ha.		
5.	Area in which Integrated Nutrient Management (INM) is practiced	ha.		
6.	Average use of Pesticides, Insecticides, Fungicides and Herbicides	L/ha.		
7.	Area in which recommended dose of pesticides is used	ha.		
8.	Area in which pesticides used is less than recommended dose	ha.		
9.	Area in which pesticides used is above the recommended dose	ha.		
10.	Area in which Integrated Pest Management (IPM) is practiced	ha.		
11.	Area in which crop residues are burnt	ha.		
12.	Quantity of crop residue used in the field as Compost, Farm Yard Manure (FYM), etc.	Kg/ha		
13.	Area under Organic farming	ha.		
14.	Area under GLOBAL Good Agricultural Practice (G.A.P.)	ha.		
B. For Animal Husbandry Value chain Development Subprojects				
15.	Feeding practice- Open Grazing/Semi stall Feeding	-		
16.	Quantity of animal manure used as fertilizer	Kg/ha		
17.	Animals are Vaccinated/ Non-Vaccinated	-		
C. Valid PUC Certificate for transportation Vehicle- Available/Not-Available		-		

4. Environmental Safeguards Inclusion Targets for the Subproject

Sr. No.	Particulars of the Target	Current/Baseline Condition in the Subproject	Target to be Achieved in the Subproject
1.	No. of farmers of CBOs trained in IPM and INM practices (and their %) ¹⁵		
2.	No. of IPM and INM demonstrations at the field level given to the CBO members for the subproject related agri-commodities (and their %) ¹⁶		
3.	% of the area of CBOs brought under IPM in the subproject ¹⁷		
4.	% of the area of CBOs brought under INM in the subproject ⁹		
5.	No. of farmers of the CBOs trained in the Climate SMART Technologies/Practices (CSTs) ¹⁸ best suited to the given subproject		
6.	Number of CSTs Adopted in the Subproject ¹⁹		
7.	Land area (ha.) brought under CSTs in the Subproject ²⁰		

5. Guidelines for Achievement of the Environmental Safeguards Targets

- As per the SMART project's Environmental and Social Management Framework (ESMF) report recommendations, none of the subproject activities should fall under Negative (non-eligible) list of the project activities given in the point no. 3.9, pg no. 48 of the ESMF report. All the subproject activities should be implemented in accordance with the provisions and mitigation measures given in the ESMF report.
- For requirement of Organic (NPOP- National Programme for Organic Production) and/or GLOBAL Good Agricultural Practice (G.A.P.) group certification, project's financial support of up to 60 % can be availed by the subproject CBOs. The remaining 40 % of certification cost will be required to be raised by the CBOs themselves.

⁷ 100 % farmers of the subproject's CBOs should be trained in the INM and IPM in the project's Value Chain Development School (VCDS).

⁸ 100 % IPM and INM demonstrations at the field level should be carried out for all the subproject related agri-commodities in the demonstration plots of the VCDS.

⁹ At least 50 % of the subproject area of the CBOs should be brought under the IPM and INM practices by the end of the subproject.

¹⁰ The 10 Nos. of Climate SMART Technologies/Practices are use of renewable (solar) energy, Organic certification, Global G.A.P. certification, Good Animal Husbandry Practices (GAHP), productive use of crop residue i.e., mulching, vermicomposting, etc. IPM, INM, use of renewable/energy efficiency in the warehouse, introduction of climate hardy seed varieties, use of Information and Communications Technology (ICT) for climate change risk management.

¹¹ At least 03 Nos. of best suited CSTs applicable to the given subproject out of the total 10 Nos. of CSTs mentioned in the point no. 10 above should be adopted in the subproject.

¹² At least 100 ha. area under the given subproject should be brought under the "Climate Smart Agriculture" by the use of at least 03 Nos. of CSTs best suited to the given subproject.

- 3) All the new machineries to be purchased using project's resources should be energy efficient, vehicles should be Bharat Stage VI compliant and fuel use efficient, tractors should be Bharat Stage (CEV/TREM) IV – V and above, and hold valid PUC certificate.

List of documents to be presented along with FPP

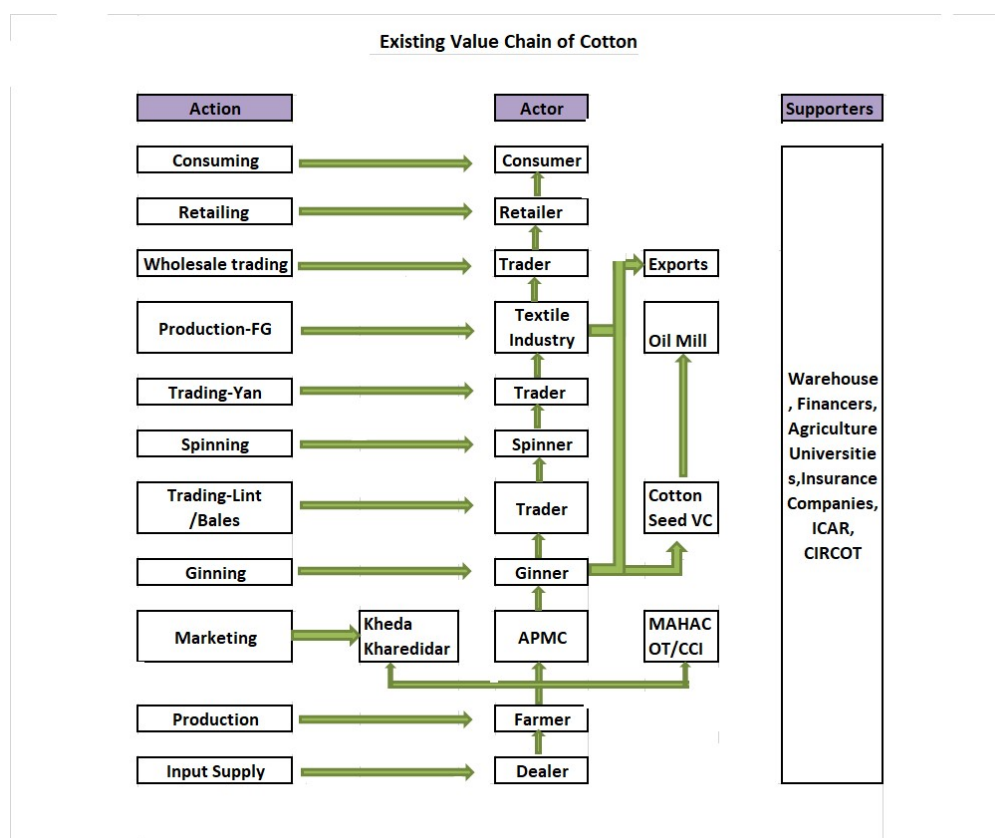
1. Registration certificate of organization
2. List of members/shareholder of the organization (As per the record from the Registrar of Companies office or the certificate of competent authority)
3. Audit report
4. CBO Bank statement
5. KYC of Applicant Firm (PAN and GST Certificate Copy)
6. Resolution of board of directors - Approval to DPR
7. Land ownership document / land lease agreement
8. Propose site map presenting road access and surrounding
9. No Objection Certificate of Panchyat for setting up of business activities
10. Forward linkages - MoUs with Buyers
11. Backward linkages – MoUs for produce aggregation - MoUs with farmers groups/ SHGs/ federations/FPC/other CBOs etc.
12. Please attach authorized quotations- machineries & equipment's /estimate- construction of building / pack house
13. Water/ electricity connection (proof)
14. Letter of intent from bank/financial institution for financing the project
15. License/other

Annexure

Example of how to write Value Chain

- 1) Firstly list out all relevant stakeholders involved in the value chain of selected commodity. These stakeholders are Farmers, Input dealers, Traders, Processors, Exporters, Transporters, Banks etc.
- 2) Divide these stakeholder in three parts as mentioned in the diagram i.e. a) Actors b) Actions c) Supporters
- 3) List out all the actors on the left side of the diagram. List out the actions of the actor in the middle part of the diagram. Connect the actors & respective actions by arrow.
- 4) At the right side of the diagram. List out the names of all supporters eg Banks, Universities, Transporters, Insurance agencies etc.

The example of existing value chain of Cotton is mentioned in below diagram



How to present proposed value chain is given below :-

1. Study carefully the existing value chain diagram prepared by you. Study the various actions presented in the middle part of the diagram & select the actions which could be done by CBO and gain benefits.
2. In the actor side of the diagram put the name of CBO for which action can be done by CBO, then connect the actors & respective actions by arrow.
3. Check the list of supporters mentioned at the right side of diagram and add or delete the supporters
4. Recheck the presented proposed value chain and finalise it after your insuring all aspects.

The example of proposed value chain of Cotton is mentioned in below diagram

