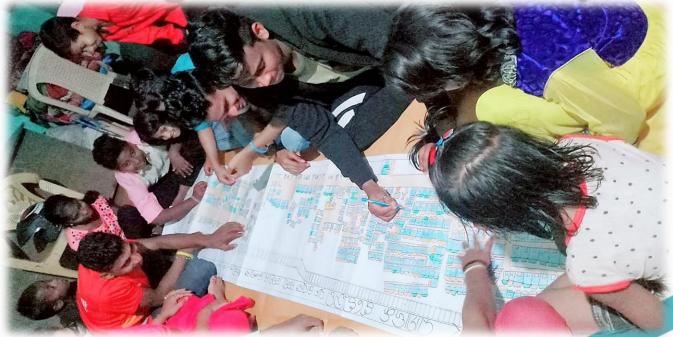
Turning Dreams into Reality.....



Transforming **Bapuji Nagar Railway Colony** into a Socially SMART Neighbourhood

### Prepared by:

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## 1. About the Community

Bapuji Nagar Railway Colony is a 50year old community of Bhubaneswar. People from the outskirts of Bhubaneswar city migrated for livelihood. There were only 20 houses in the beginning. The people started settling near the railways track which passed through Bapuji Nagar hence it was named as Bapuji Nagar Railway Colony. Our community is spread over an area of 1.5 acres of land, starting from Sishu Bhawan to Raj Mahal square.

The first 20 inhabitant families of our community had a difficult living as there were no water supply and electricity. The families live in fear and insecurities as the community is located very near to the railway track. However, the major reason of migration is higher wages, various working opportunities and jobs.

People of our community have their major source of livelihood from daily labour, petty shops and as domestic helpers. People residing in the community are from various caste and creed comprising of Hindu, Muslims and Christians.



# **Demographic Information**

	ren (0-6 ears)	7-10	Years		lescent 9 Years)		h (20-35 ears)		ly (Above ears)		otal ulation	Total HHs
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	365
40	50	50	64	92	113	247	226	190	302	619	755	303

# **Vulnerable Population**

Vulnerable Population Category	Numbers of People
Persons with Disabilities	14
Widows	15
Destitute	10
Single Elderly People	5

# Caste & Religion Basis Segregation

	Religio	n Category			Cast	e Cat	egory	
Hindu	Muslim	Christian	Others	General	SC	ST	OBC	Others
335	20	10	0	251	33	16	35	0



# 2. Situational Analysis

## Livelihood

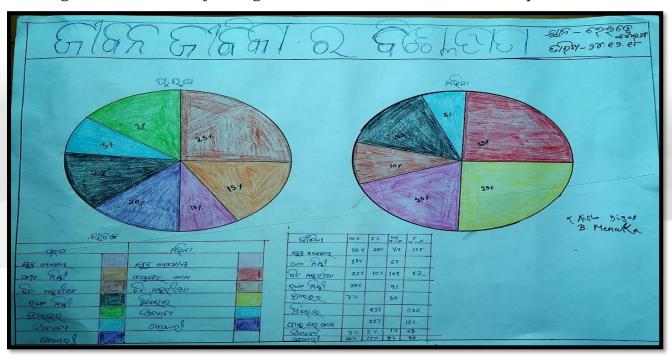
This section analyses the employment status of the working age population (18 to 65 years) of our community. In particular, analysis has been carried out on employment status of the working age members living in the community involved in various livelihood options.

#### **Primary Occupation**

There are 365 numbers of households with 1374 population residing in Bapuji Nagar community, out of which 70% (957) are of working age group (18 to 65 years).

Majority of working age group do Petty businesses and daily labourers.20% of the female population earn their livelihood as domestic helpers or tailoring.

Information on primary occupation of the working age male and female can be seen from the following table and the analysis is given in the attached colour coded map.



SI No	Occupation Category with Colour Code	Male (18 to 65 years)	Female (18 to 65 years)
1	Petty Business (Pink)	43	105
2	Daily Labourer (Brown)	100	52
3	Mason (Purple)	91	
4	Driver (Green)	30	
5	Carpenter (Orange)	65	
6	Tailoring (Yellow)		132
7	Domestic Helpers (Red)		132
8	Other business (Blue)	13	27
9	Unemployed (White)	87	80

## **Community Infrastructure**

The population growth in our community is significant in last two decades and the housing and living conditions are appallingly poor.

To define and address the issues related to the physical infrastructure of our community, we the peer leaders along with our community members conducted an infrastructure mapping exercise of our community Railway Colony.

We used different tools to understand the problems and portrayed them on the paper through social map and resource map. The process also helped us to find out issues related to the infrastructures and we did list those issues based their priority to get solved.

<u>Housing:</u> There are 382 houses in our community, out of which 237 are thatched houses, 70 are Asbestos houses, 72 are tin houses and 3 are concrete houses. The houses are next to each other and without proper ventilation. Since there are no separate space for kitchen families adjust in a single space which becomes hazardous to health.

<u>Toilet:</u> Very few households of our community have individual household latrines and one community toilet in the community. The community toilet is lying dysfunctional due to which people are bound for open defecation near the railway track.

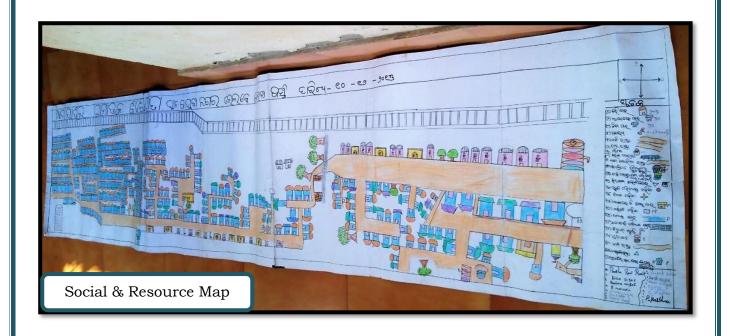
<u>Anganwadi</u>: Unavailability of proper Anganwadi centre stops the parents from sending their children. There is no separate kitchen or store room in the Anganwadi as per the ICDS norms. The Anganwadis are not equipped with play materials or open space facility for young children to play.

<u>Dustbin</u>: Unavailability of dustbins for our 382 households forces the inhabitants to throw garbage in open space which pollutes our community environment and makes it diseases prone. When wind blows, it also blows away the wastes which get accumulated in our houses.

<u>Electric Connection:</u> The electric wires in some places are hanging open causing the risk of short circuit during rainy season. Multiple electric connection (more than 10) are connected from a single electric pole and the wires are placed very near to the places where people do their work which results in mishaps at times.

<u>Water:</u> There are 1 water tanks and 20 collection points in our community. But the water supply is irregular and the situation becomes precarious in every summer season when there is high dependency and the single water tanks cannot store water for 382 households.

<u>Drain:</u> The drains are open in our community. The drain becomes over flooded because people throw garbage to the open drain. In the rainy season, the drain overflows and drain water enter to some houses.



## Social Issues Related to Youth & Adolescents

Youths and adolescents face obstacles on our journey to adulthood. Without a sense of direction or purpose, and lacking opportunities for positive engagement, many of us experience low self-esteem and alienation. As a result of these and other challenges, we find ourselves detached from the systems and a feeling of belongingness.

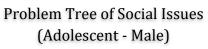
The group members of 'Humara Bachpan Pragati Sathi' did an exercise to understand and accentuated these issues and to identify solutions to address them.

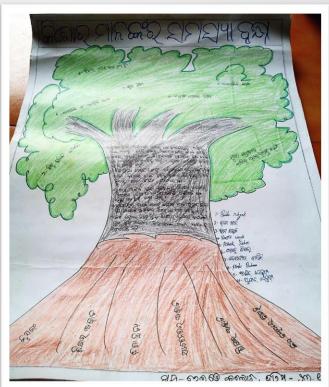
Our work began with defining the social challenges, the gaps in services that we are entitled to and demonstrated through a **Problem Tree**. What could be done to improve the situation was discussed among us and a set of recommendations were made and displayed through a **Solution Tree**.

The major social obstacles and their impact on wellbeing listed out by the adolescent and youth groups are given below:

Target Group	Root Causes	Issues	Impact
Adolescent (Male)	Limited access to play and recreation	Not socializing, inefficient use of time, Play on roads	Being idle, not being social, no proper development of physical and cognitive health
	Alcohol consumption & substance abuse	Family conflicts, vulnerable to different respiratory infections & deadly diseases	Increased incidence of respiratory diseases and mortality among youth and adolescents
	Poor Family condition	Family disturbances, no access to education, health & other basic services	Uneducated, poor health & well being
	Lack of positive environment	Negative/Anti-social/violent attitude	Increase involvement in crime,
	Limited access & knowledge to higher/technical education	College Drop Out  Poor enrolment in higher & technical education	Inadequate income generation opportunity.
Adolescent (Female)	Safety & Security	Male(youth)involved in alcohol consumption which results in abusive behaviour towards youth female	Unable to move freely during evening hours.
	Early Marriage	Early Pregnancy	Anaemia, frequent abortion, sexual & reproductive health





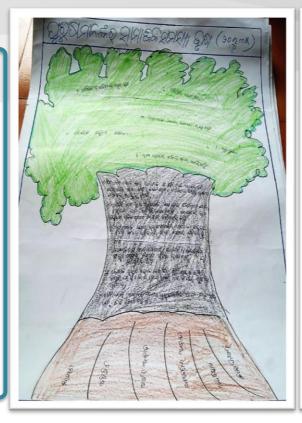


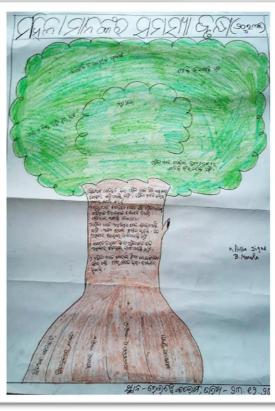
Problem Tree of Social Issues (Adolescent – Female)

# Social Issues faced by Youth

Target Group	Root Causes	Issues	Impact
Youth (Male)	Restricted approach to higher/technical education	Drop Out  Not able to take admission in higher education	Unemployment Limited income generation opportunity
	Alcohol consumption & substance abuse	Family conflicts, vulnerable to	Increased incidence of respiratory diseases and mortality among youth and adolescents
	Poor Family condition	Family disturbances, no access to education, health & other services	Uneducated, poor health & well being
	Lack of positive environment	Negative/Anti-social/violent attitude	Increase involvement in crime,
	Limited access to play and recreation	Not socializing, inefficient use of time, Play on roads	Being idle, not being social, no proper development of physical and cognitive health
Youth (Female)	Safety & Security	Male(youth)involved in alcohol consumption which results in abusive behaviour towards youth female	Unable to move freely during evening hours and during return from work.
	Limited knowledge & access to healthcare information	Onset of diseases & not availing healthcare facilities	Increased morbidity & mortality related to reproductive health issues among adolescent girls
	Early Marriage	Early Pregnancy	Anaemia, frequent abortion, sexual & reproductive health

Problem Tree of Social Issues (Youth - Male)





Problem Tree of Social Issues (Youth - Female)

# 3. Leveraging Government Resources

Through our mapping process, we also analysed the various government schemes and programmes accessed by our community members. There are a number of schemes and services available to meet the healthcare needs of poor households, but ignorance and lack of knowledge about the schemes among the poor population is the constraint regarding their access to these services.

To assess the awareness about the social security schemes among the residents of our community, we did a group discussion where 20 people of different age groups including both men and women were present. From our discussion we came to know that the following shows the services accessed:

## Access to Social Services (Health & other Social Security Services)

Certain healthcare services like free emergency medical transport services (102 & 108), Jana Ausadhi Yojana (Niramaya Medicines), MAMATA schemes for safe motherhood intervention, Biju Swasthya Kalyan Yojana, free immunization services and family planning services are very much popular.

The interviewed participants found to be completely unaware about the schemes like Free Cancer treatment & Chemotherapy, Free dialysis, Sunetra scheme 'Ama Clinic', National Vector borne disease control program, Madhu Babu Pension Yojana, National Iron Pus initiatives for school going boys and girls (5-10 years) and out of school girls (5-10 years) to manage the Iron requirements.

From the above discussion, we observed that a large majority of our community residents are not aware about the health and other social security measures meant for the urban poor people and so are not able to avail the benefits.

## Health Issues & Challenges Among Youth & Adolescents

It is commonly believed that young people lead a healthy and active life and fall sick only when old age approaches. However young people are now days prone to a number of health issues due to unhygienic living conditions, unhealthy food habits, lack of physical activities and lifestyle changes which include both communicable and non-communicable diseases.

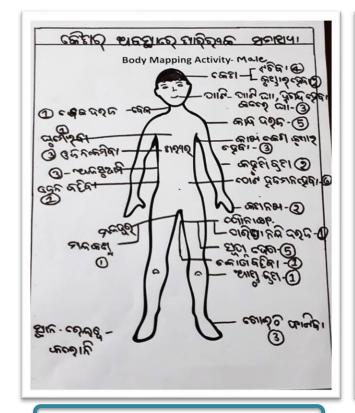
We youth leaders made an attempt to identify the common health disorders that occur during young age and the factors that cause these through body mapping exercise.

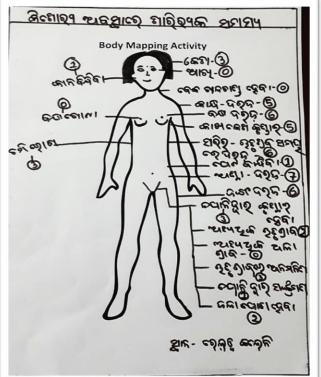
We made life-size drawing of human body and then started discussing about the health issues we experience in our various body parts; started from the head/hair to the toe of the feet. We identified and listed out the health problems mostly we suffer from and thus some health issues that we hesitate to disclose also got reflected in this participatory exercise. This body mapping exercise was done by both male and female peer groups separately and the findings are presented below through the graphical presentation.

# Questionnaire to Understand Knowledge About & Access to Social Security Schemes & Services Humara Bachpan Trust-Bhubaneswar Name of the Project-Socially Smart Initiative

Name of the Community:Bapuji Nagar Railway Colony Number of the Respondents : 20

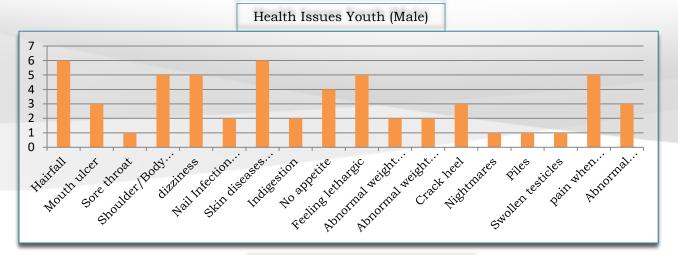
		Do You Kr	ow About	Did You Avail	Do You Know About Did You Avail the Benefits Ever		Reasons	Reasons for Not Availing Services	ervices	
SI No	Name of the Scheme	Yes	No	Yes	No	Did	Too Much of	Couldn't Reach the Proper	Services are	Tried, But
						Yet	Formalities	Authority	not Good	didn't
	Nidan scheme for free diagnosis	0	20	0	0	0	0	0	0	0
7	Free Dialysis	2	18	2	0	0	0	0	0	0
က	Ambulance service (102 & 108)	20	0	12	8	2	2	2	2	2
4	Khusi' - Free Sanitary Napkin provision for Women and adolescents	11	6	ស	4	က	0	0	2	0
Ŋ	Free Cancer treatment & Chemotherapy	0	20	0	0	0	0	0	0	0
9	Treatment of Mental patients	0	20	0	0	0	0	0	0	0
7	Sunetra scheme (Free Cataract surgery & treatmen	1	19	0	1	1	0	0	0	0
8	Ama Clinic Service'	14	9	6	5	2	1	1	1	0
6	Jana Ausadhi Yojana (Niramaya Medicines)	20	0	17	3	0	0	0	3	0
10	Help from Chief Minister Relief Fund	8	12	4	4	1	1	1	1	1
11	Janani Surakhya Yojana	20	0	15	5	0	1	1	2	1
12	Mamata Scheme	18	2	11	7	2	1	1	0	0
13	Free Immunization to prevent child from 12 preventable diseases	15	5	14	1	0	0	0	1	0
14	National Iron Plus Initatives	3	17	2	1	1	0	0	0	0
15	National Adolescent Health program	14	9	က	11	4	П	5	1	0
16	Free Family Planning (Contraceptive) services	20	0	15	5	1	1	2	1	1
17		0	20	0	0	0	0	0	0	0
18	About Mamata Diwas, UHND, AWC	20	0	19	1	1	0	0	0	0
19	Harischandra Yojana	16	4	11	9	2	2	1	1	0
20	Biju Swasthya Kalyan Yojana	6	11	9	3	2	0	0	3	1
21	National Pension Schime/Atal Pension Yojana	12	8	4	8	2	1	3	1	1
22	Madhu Babu Pension Yojana	2	15	3	2	2	0	0	0	0
23	Aahar Centre (Subsidized foor)	20	0	12	8	5	0	1	2	0
24	Banishree Yojana	0	20	0	0	0	0	0	0	0

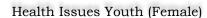


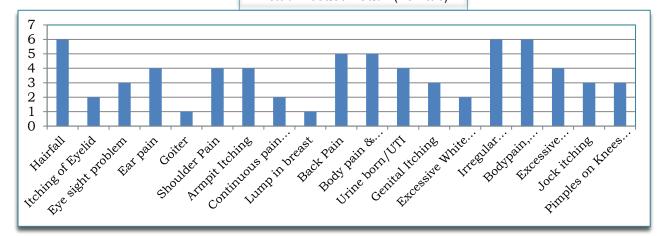


**Body Mapping Activity - Male** 

**Body Mapping Activity - Female** 







## **Use of Contraceptives**

Our government is promoting contraceptive as a priority among youth to control unintended pregnancy, to maintain gap between children and also to lessen the incidence of sexually transmitted diseases among young generation through different campaign mode.

We the youth leaders decided to assess the knowledge, attitude and practice of the young population of our community and towards the use of contraceptives through a survey method. We did the survey among both married and unmarried groups and male and female population of reproductive age (15-35 years) of our community.

- ❖ Knowledge of safe sex and contraceptives is close to 50% among the study population. Only among 45% of the respondents, positive attitude was found for contraceptive use and 45% are aware about the benefits of contraceptives.
- ❖ Condom is the preferable method of contraception among male whereas oral pills is the easy way of birth control as responded by female respondents.
- ❖ 45% of the respondents are aware about the contraceptive methods, and have the practise of using contraceptives during sex.
- ❖ One-third of the survey participants who responded of not preferring birth control methods, mentioned the reason that contraceptive methods reduce the pleasure of sex for which their partners do not favour.
- ❖ A few unmarried respondents stated that availing contraceptives in the major hurdle for them.
- ❖ The married women mentioned that contraceptive use and any decision regarding family planning is taken by their husbands and they hardly have any say in the matter.

Among others, factors that limited modern contraceptive uptake included myths, rumours and misinformation about modern contraceptives, low availability and poor access to services.

Better access to contraceptive information and services can reduce the number of girls becoming pregnant and giving birth at too young an age.

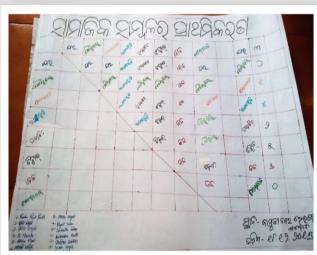
## 4. Prioritization of Issues

After identifying different issues and problems of our community, the process was to find out the way of solutions or mitigations of the issues, for which we had to prioritize the issues based on their gravity.

We did the problem tree analysis of the infrastructural and social issues of our community separately and ranked the issues in the descending order based on their criticality. The issue ranked 'One' needs to be addressed first and then the next one and so on. The following matrix labels and represents the issues based on their priority of redressal.

Prioritization of Soci	al Issues
Priority 1	Unemployment & Poverty
Priority 2	Lack of Awareness & Education,
Priority 3	Domestic violence
Priority 4	Alcohol Consumption
Priority 5	Early Marriage & Early Pregnancy
Prioritization of Infra	astructural Issues
Priority 1	Water Issues
Priority 2	Electricity
Priority 2	Anganwadi building
Priority 3	Housing
Priority 4	Community Dustbin
Priority 5	Non-functional Community Toilet
Priority 6	Open Drain





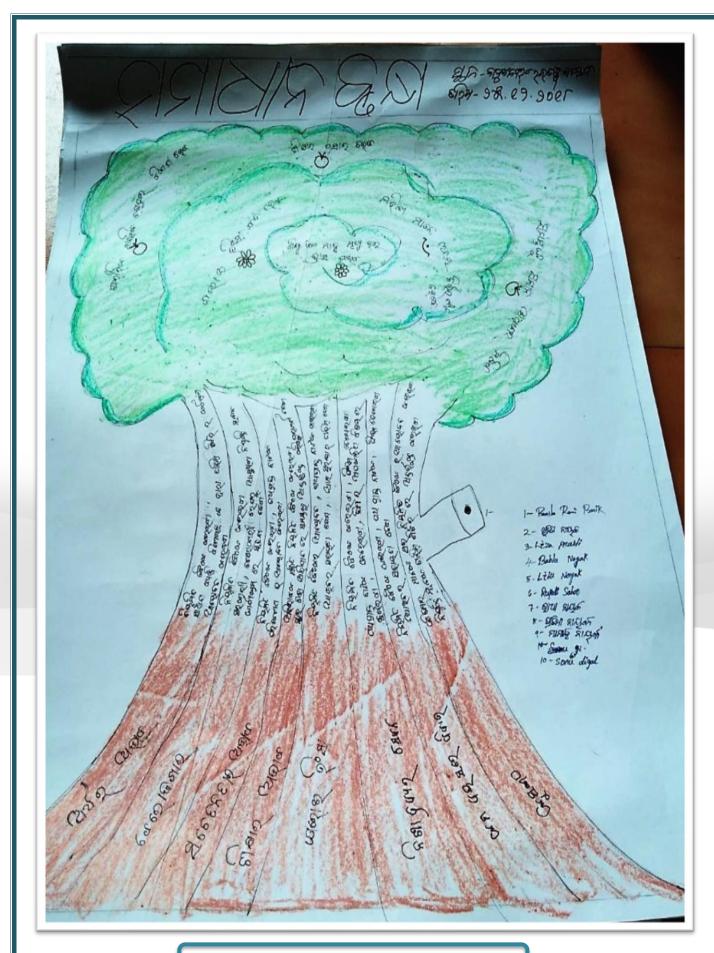
Social Issues

Infrastructural Issues

# 5. Recommendations & Plan

	r pug	ning	al al	and and e	
Support Required	HBT support for skill training and linkages building	HBT support for conducting training and linkages building	1 HBT 2 State Women Commission 3 District Legal Services Authority	HBT to support in preparing the charter of demand to remove local alcohol shops and follow up till the solution is achieved	
Stakeholder's Engagement	Skill development institutes, banks for financial linkages & placement agencies     HBT youth leaders conduct module meeting of financial management	Adolescent & youth club     members     SAMBHAVI group members.     Govt ITI & vocational training     centre	Adolescent & youth peer leaders & club members     SAMBHAVI women's group     Women & Child Desk (Police)     One stop centre 'SAKHI'     State Women Commission	<ol> <li>Adolescent &amp; youth peer leaders &amp; club members</li> <li>SAMBHAVI women's group</li> <li>Police</li> <li>Nisha Mukti Kendra</li> </ol>	Adolescent & youth peer leaders & club members     SAMBHAVI women's group     Women & Child Desk (Police)     One stop centre 'SAKHI'
Outcome	Youth will be employed & engaged in IGA     Increased family income     Habit of savings & balance of income & expenditure is maintained.	<ol> <li>Youth and adolescent will be motivated to continue and complete their basic education.</li> <li>Parents are more concern about the education of children.</li> <li>Drop out youth &amp; adolescents are enrolled into technical &amp; vocational education.</li> </ol>	<ol> <li>Reduced incidence of domestic violence</li> <li>Girls &amp; women with self-defence training feeling confident</li> <li>Increased freedom &amp; mobility among women &amp; girls</li> </ol>	<ol> <li>Reduced incidence of domestic violence</li> <li>Reduced incidence of crimes</li> <li>Reduced death from liver and kidney damage</li> </ol>	Reduced/No incidence of early marriage among girls     Reduced incidence of still birth among young mothers
Proposed Solution	Enrolling unemployed youth in different skill building program & providing handholding support     The family income to be enhanced through engaging both male & female members into different income generating activities (IGA)     The households should be aware of different financial management processes	<ol> <li>Making the adolescent and youth about the importance of education in career building.</li> <li>Making the parents aware and conscious about the importance of education of their children.</li> <li>Exposure to awareness programs and educational programs like technical education institutions.</li> </ol>	<ol> <li>Awareness program among women groups</li> <li>Self-defence training for young and adolescent girls.</li> <li>Motivating women to be engaged in income generating activities</li> <li>Legal awareness program for women and girls about the acts and provisions to fight against any form of violence</li> </ol>	<ol> <li>Awareness meeting among adolescent &amp; youth groups making them aware about the negative impact of alcohol consumption</li> <li>Community meeting and planning to remove illegal liquor shops</li> <li>Motivational program among the addicted people and enrol them into 'Nisha Nibaran Kendra'</li> </ol>	Awareness meeting among adolescent girls' groups making them aware about the negative impact of early marriage on body and lifestyle     Community meeting and planning including both male and female members of the community to reduce early marriage
Social Issue/Challenge	Poverty & Unemployment	Lack of Education & awareness.	Domestic Violence	Alcohol Consumption	Early Marriage
SI	П	Ø	б	4	N

SI No	Infrastructural Issue/Challenge	Proposed Solution	Outcome	Stakeholder's Engagement	Support Required
Н	Water Issues	<ol> <li>Water tanks should be in the higher place, preferably terrace.</li> <li>Water taps should be in ratio with the houses.</li> <li>Tube wells should be away from drains.</li> </ol>	Availability of 24hrs water supply.     Children and elders will be away from water borne diseases.	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>Executive Engineer, Public Health</li> <li>Engineering Dept.</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved.
Ø	Electricity	<ol> <li>Open wires should not be let to hang at a lower height.</li> <li>Multiple connection from a single electric pole should be avoided.</li> <li>Electric pole near the work place should be avoided for sudden accidents.</li> <li>Solar light facility.</li> </ol>	<ol> <li>Avoid short circuits and accidents.</li> </ol>	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>Junior Engineer, Board of Electricity, Odisha</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved
r	Anganwadi Centre	<ol> <li>Centre should be near to the neighborhood.</li> <li>Centre should be built in proportion to the number of children.</li> <li>Rooms should be properly ventilated.</li> <li>Separate kitchen.</li> <li>Toilets should be child friendly.</li> <li>Water taps should be at a lower height.</li> <li>There should be open space outside the AWC for children to play.</li> </ol>	<ol> <li>Proper development of children.</li> </ol>	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>AWW.</li> <li>ASHA.</li> <li>Child Development Project Officer.</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved.
4	Housing	<ol> <li>Houses should be in the form of flats.</li> <li>Rectangular in shape.</li> <li>Separate rooms for cooking, sleeping and studying.</li> <li>Separate toilets.</li> <li>Steps of the building should be lower.</li> <li>Windows of the house should be frontal.</li> </ol>	<ol> <li>Each one of them gets a permanent place/house.</li> </ol>	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>Housing &amp; Urban Development Dept, Govt of Odisha.</li> <li>Common Service Centre, Pradhan Mantri Awas Yojana (Urban).</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved
ιο	Community Dustbin	1. Dustbins should be installed as per the ratio of population in the community	2. Garbage free community and healthy environment	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>Bhubaneswar Municipal Corporation.</li> <li>Jagruti.</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved
9	Community Toilet	<ol> <li>Should be hygiene.</li> <li>Should have electricity facility to make it safe at night.</li> <li>Regular cleanliness during rainy season.</li> </ol>	Avoid open defecation.     Avoid falling ill.     Make a healthy     community.	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator.</li> <li>Bhubaneswar Municipal Corporation.</li> <li>Additional Commissioner, Sanitation.</li> </ol>	HBT to support in preparing the charter of demand and follow up till the solution is achieved
7	Open Drain	<ol> <li>Drains should be covered.</li> <li>Dustbins should be placed as per population.</li> </ol>	1. Garbage free community and healthy environment	<ol> <li>Community Leaders.</li> <li>HBT youth leaders.</li> <li>Corporator</li> <li>Bhubaneswar Municipal Corporation</li> </ol>	HBT to support in preparing the charter of demand and



**Solution Tree** 

## 6. About the Process

The Humara Bachpan Trust (HBT) peer leaders of Bhubaneswar Town Centre District (BTCD) slums conducted an exclusive social mapping process as a tool to assess the issues and challenges related to physical infrastructure of the community along with the social issues prevalent among youth and adolescent of the community.

The community mapping process includes socio-economic profile mapping of the residents, mapping of their knowledge and access to services & entitlements, assessment of their knowledge about while implementing the smart initiative for the slums, the short-term and long-term redressal methods would be properly planned, implemented and followed.

#### The Process followed

The mapping process has included participatory tools like social mapping, resource and stakeholder mapping, livelihood analysis through Focus group discussion, mapping of social issues through problem tree, safety and security mapping, body mapping to understand common health issues among youth and adolescents and the Knowledge, Attitude and Practices (KAP) study to identify the knowledge and practice trend among youth of reproductive age.

#### **Outcome of the Mapping Process**

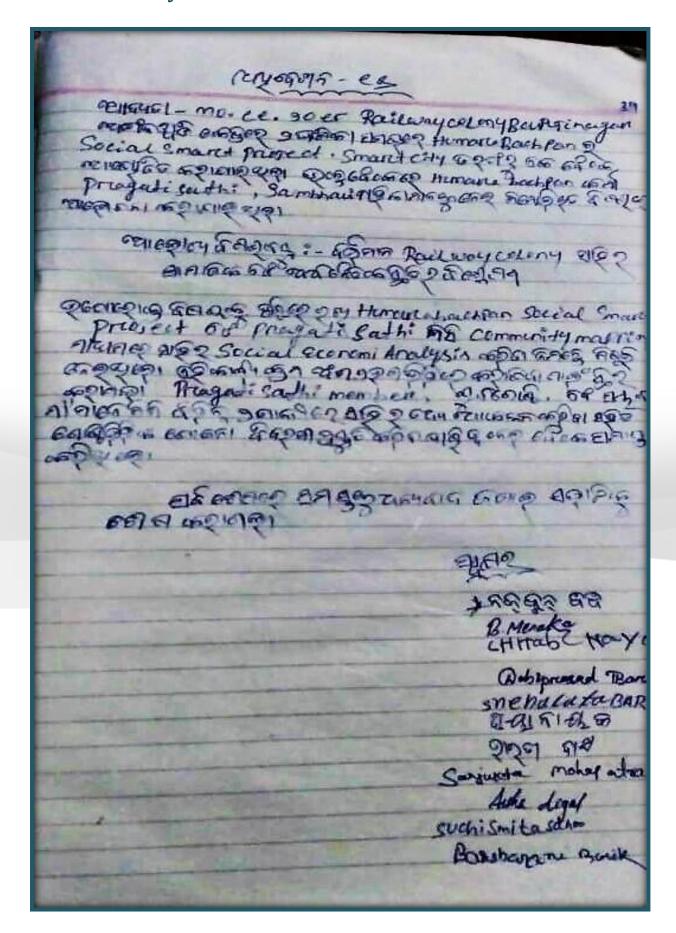
Creating community maps had an empowering effect on the whole community and especially on those peer leaders who became actively involved, because they had the opportunity to think spatially about their environment and to literally put their issues on the map. The process of creating data and eventually a map triggered feelings of belonging to the community and a sense of ownership of the process.

The mapping process served as an effective process for community development to gain community momentum and get people talking about the issues those hinder their development. The process has introduced a range of participatory tools to map the issues and challenges

The community mapping process helped communities to accomplish a number of goals, including

- Building on and expanding existing community strengths;
- Enabling the community to explore their assets within the physical and social environment;
- Mapping out the level of awareness and understanding of different schemes and entitlements in the communities;
- Identifying health issues among youth and adolescents including sexual and reproductive health issues;
- Discovering whether community has access to the resources, healthcare and other social security services meant;
- Prioritizing the issues based on their urgency of solution
- Recommendation and plan of solution and mitigation

# 7. Community Resolution





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