NORTH GOA DISTRICT MINERAL FOUNDATION TRUST



ANNUAL REPORT 2022-2023

Beneath the Sun's embrace,
Working with Goans face to face,
Enhancing the native lives,
Crafting change that thrives.





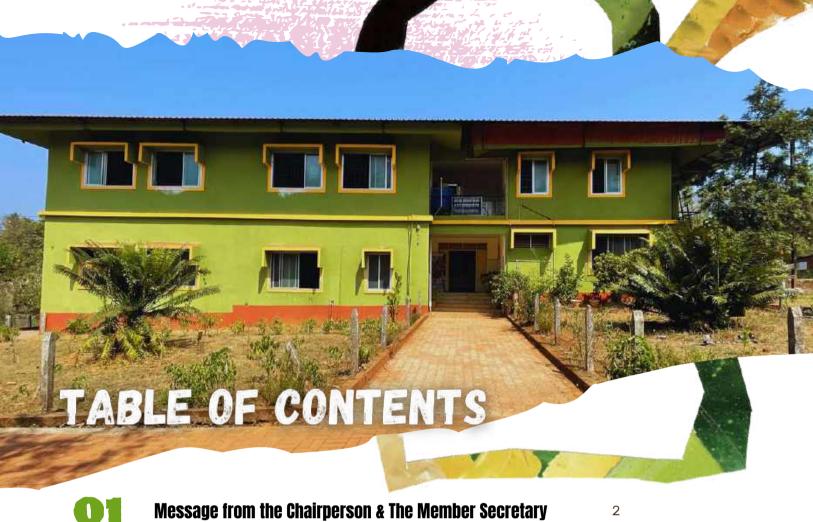


WORKING FOR THE STAKEHOLDERS

AND THEIR LIVELIHOODS

CREATING A BETTER ENVIRONMENT





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Message From the Chairperson

As the District Collector of North Goa and Chairperson of the North Goa District Mineral Foundation Trust (NGDMFT), I am pleased to present this annual report for 2022-2023 highlighting our accomplishments over the past year. Our mission to improve the quality of life for our residents has seen significant progress. Key initiatives have spanned infrastructure, healthcare, education, and sanitation.

In the Education sector, we have provided transportation facilities to Government Schools, ensuring the timely arrival of students and enhancing their learning. Our commitment to education is reflected in redesigning school models by setting up of Smart classrooms by installing Smart Boards for 36 Schools, creating better learning environment and offering skill-building opportunities.

We have supplied fire and emergency vehicles and equipment to improve fire safety and strengthen our ability to respond to incidents. Additionally, augmentation of water in Pale was carried out for providing a surplus drinking water supply.



Ms Mamu Hage, IAS

Collector North Goa & Chairperson, NGDMF

Transparency and community participation have been central to our approach, with efficient fund utilization, gap assessments and project monitoring, ensuring effective resource use and tangible benefits for our communities.

I thank my colleagues in the Managing Committee and Governing Council for their suggestions and unwavering support. I also want to express my appreciation for the DMG staff and the PMU. Together, we are committed to fostering sustainable development and enhancing the well-being of North Goa's mining-affected communities.

FUNDED BY DISTRICT MINERAL FOUNDATION (TRUST), NORTH- GOA



जिल्हा स्वनिज प्रतिष्ठान (ट्रस्ट), उत्तर-गोवा निधी द्वारे अनुदानित

Message From the Member Secretary



Mrs Roshell Fernandes,
Deputy Director-I, Mines/ Member Secretary, NGDMF

As the Member Secretary, I am pleased to share the success of the North Goa District Mineral Foundation Trust (NGDMFT) in enhancing facilities for mining-affected areas and various departments. Our efforts have significantly improved healthcare, education, and social welfare. We have provided ambulances for better medical assistance, renovated schools and supplied Disaster Management vehicles and also an ambulance for CHC, Bicholim.

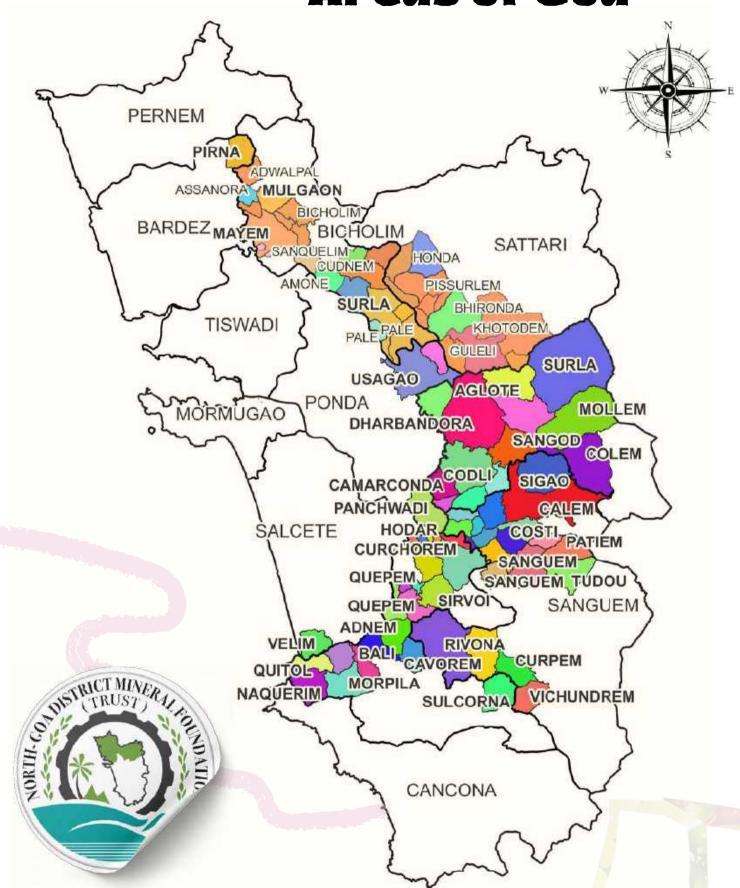
A highlight of our initiatives is the skill development project for women SHGs, GoVan, focused on processing forest produce and establishing multipurpose centers. This ongoing project empowers women, fostering economic independence and sustainable livelihoods.

Additionally, we have sanctioned a social welfare project to provide motorized tricycles for disabled individuals, improving their mobility and quality of life.

Transparency and community participation are central to our approach, ensuring effective resource utilization and tangible benefits for our communities. The unwavering support of our stakeholders and the dedication of the DMG & DMFT team have been crucial in driving this progress. Together, we are committed to fostering sustainable development and enhancing the well-being of North Goa's mining-affected communities.



Mining Affected Areas of Coa









"Students of Honda Sonshi Soilenm posing infront of the Kadamba Bus. Transport sponsored by the North Goa District Mineral Foundation Trust through KTCL"



District Mineral Foundation



In India, the Mining industry is regulated under the Mines and Minerals Development and Regulation (MMDR) Act. 1957. Further in the vear 2015 MMDR Act was amended, bringing into effect the changes in the regulations governing the mining area. The Amended **Act introduced Section 9B** which mandates the State Government for setting up of District Mineral **Foundation (DMF) in every** district affected by the mining related operations for the benefit of communities affected by such operations.

Mining-affected communities have faced various issues related to livelihood. socio-economic. health, drinking water etc. Realization of the same led to the creation of DMF as part of benefit sharing and inclusive growth. DMF works in the interest and benefits of the persons and areas affected by mining-related activities. As per the Act, mining companies have been notified to deposit payments to DMFs. The rules for functions, accountability, transparency etc. of DMFs are within the purview of state governments as per the guidelines of PMKKKY.

Accordingly, the state of Goa has notified Goa DMF (Trust) Rules 2018. vide notification no. DMG/MMDR/ DMF/01/2015/7633- dated 08 January 2019. As per the rules, DMFs are to work for the socio-economic development of areas and communities affected by mining operations by carrying out various projects to address issues related to Education. Healthcare, livelihood, skill development etc.

perelopment is not just about building structures its about empowering people fostering innovation and creating opportunities that lead to a brighter more sustainable future for everyone







Pradhan Mantri Khanij Kalyan Kshetra Yojana

Introduction to District Mineral Foundation (DMF) and PMKKKY

The Mines & Minerals (Development & Regulation) Act, 1957, was amended in 2015 to introduce a new section, 9B, which mandated the establishment of District Mineral Foundations (DMFs) in districts affected by mining operations. The primary objective of DMFs is to work for the welfare and development of people and areas impacted by mining activities, as prescribed by the respective State Governments. Funded by statutory contributions from mining lease holders, DMFs play a crucial role in ensuring that the benefits of mining extend to those directly and indirectly affected by these operations. In September 2015, the Central Government introduced the Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY), a scheme to be implemented by DMFs. The PMKKKY aims to mitigate the adverse impacts of mining and ensure long-term sustainable livelihoods for affected communities.

Objectives and Guidelines of PMKKKY

The PMKKKY is implemented by DMFs using funds generated from mining activities, with three main objectives. Firstly, it aims to implement various developmental and welfare projects in mining-affected areas, complementing existing State and Central Government schemes. Secondly, it seeks to minimize the negative impacts of mining on the environment, health, and socio-economic conditions of the people in these areas. Lastly, the scheme ensures sustainable livelihoods for those affected by mining. The MMDR Amendment Act, 2021, empowered the Central Government to issue directions regarding the composition and utilization of DMF funds. These include orders to include MPs, MLAs, and MLCs in the DMF Governing Council, prohibit the transfer of DMF funds to state-level funds or other non-DMF schemes, and mandate the preparation of a five-year Perspective Plan for the systematic development of mining-affected areas.



Identification of Affected Areas and People

Identifying affected areas and people under the PMKKKY is a critical aspect of its implementation. Affected areas are classified as directly or indirectly affected. Directly affected areas include villages or urban localities where mining operations are active and where communities depend on mining in these areas for their livelihoods. Indirectly affected areas are those where local populations suffer from the economic, social, and environmental consequences of mining activities, even if they are not in close proximity to the mining sites. The DMF is responsible for maintaining an updated list of these areas. Similarly, affected people include those who have legal or occupational rights over mined land, those with traditional usufruct rights, and individuals whose livelihoods have been disrupted by mining. The identification process involves consultation with local elected representatives to ensure accuracy and inclusivity.

General Guidelines for Effective Implementation

The implementation of PMKKKY is guided by several key principles to maximize its effectiveness. The scheme encourages convergence with existing State and Central Government programs to avoid duplication and ensure that DMF funds complement ongoing development efforts. Administrative and supervisory costs are capped at 5% of the annual DMF receipts, with the establishment of a Project Management Unit (PMU) recommended for districts with annual collections exceeding ₹50 crores. This PMU is essential for planning, technical, accounting, and monitoring support. Additionally, DMFs are advised to maintain an endowment fund, not exceeding 10% of annual receipts, to support sustainable livelihoods in areas where mining activities have ceased. For mines that impact areas across multiple districts, the DMF must allocate funds proportionately to ensure that all affected regions benefit from the scheme. Overall, these guidelines aim to ensure the DMF funds are utilized efficiently and effectively to achieve the long-term goals of sustainable development and community welfare in mining-affected regions.

Mining Affected Village Panchayats of North Goa

Sr.No	PANCAHYAT	REVENUE VILLAGE
1	Sirigao	Sirigao
2	Velguem	Velguem
3	Surla	Surla
4	Mayem- Vaiguinim	Vaiguinim, Mayem
5	Piligao	Piligao
6	Mulgao	Mulgao
7	Amona	Amona
8	Navelim	Navelim
9	Pale	Pale, Kothambi
10	Cudnem	Cudnem
11	Pissurlem	Poncem, Khodiem, Kumbharkhan, Pissurlem, Vaghurmem
12	Honda	Honda, Sonus, Vovalliem, Bhuipal, Solyem
13	Guleli	Conquirem
14	Bhironda	Advoi, Vantem
15	Khotodem	Malpona
16	Adwalpal	Adwalpal



Mining Affected Village Panchayats of North Goa

//		
Sr.No	PANCAHYAT	REVENUE VILLAGES
17	Pirna	Pirna
18	Assonora	Assonora
19	Harvalem	Harvalem
20	Sisraim	Sirsaim
21	Thivim	Thivim
25	BICHOLIM MUNICIPA	L COUNCIL
26	SANQUELIM MUNICI	PAL COUNCIL







District Mineral Foundation (DMF) was established in the State for both the Districts, North Goa and South Goa by Government of Goa through notification no.

DMG/MMDR/DMF/01/2015/

under the 'MMDR' Amendment Act, 2015, on 30th April 2015 by the Directorate of Mines and Geology. Also, the Directorate of Mines and Geology through its notification no. DMG/MMDR/DMF/01/2015/7633- (Dated: 08 January 2019), framed the rules for regulating the manner of working and functioning of the DMFs in Goa with the help of the PMKKKY Scheme launched in 2015. The District Mineral Foundations was setup with objective of working for the benefit and interest of the persons and areas affected by the mining related operations.



Project Management Unit

Formation and Role of Project Management Unit (PMU)

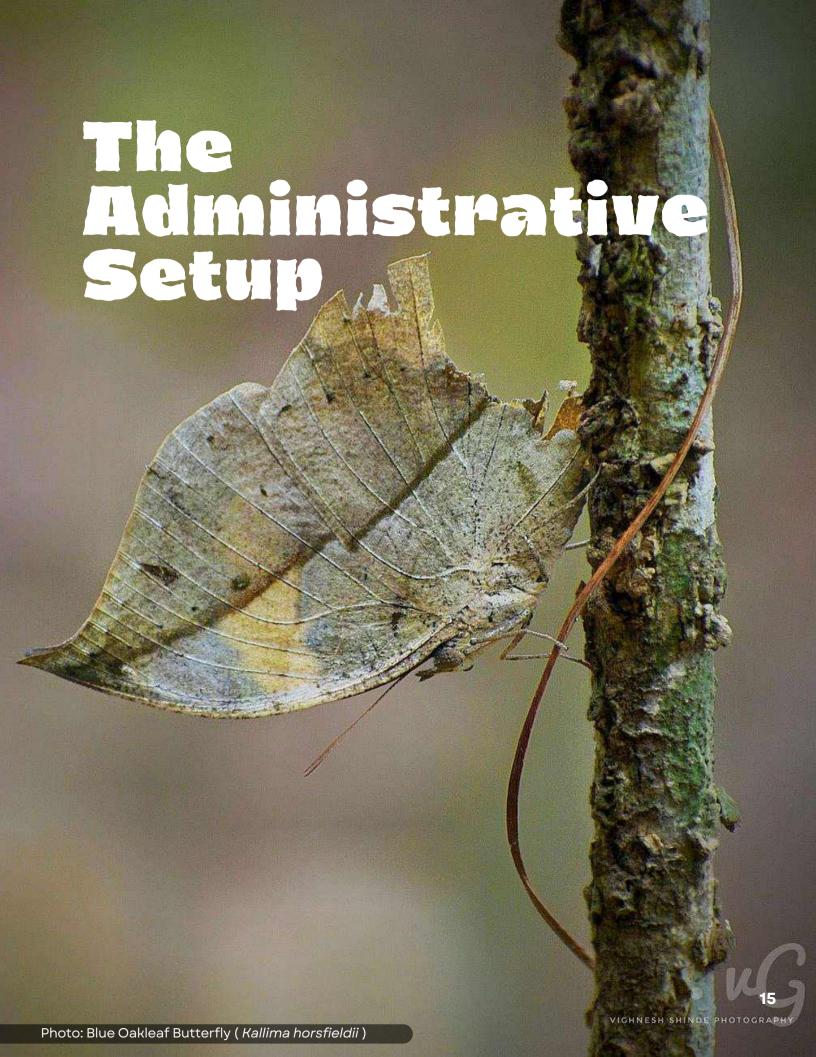
To enhance the capacity of DMFs and ensure the effective utilization of DMF funds, the formation of a Project Management Unit (PMU) is strongly recommended. The PMU serves as a dedicated body that provides planning, technical, accounting, and monitoring support to the DMF, ensuring that projects are executed efficiently and transparently. The PMU may engage qualified personnel on a contractual basis, focusing on specific project needs under the PMKKKY. The establishment of a PMU is intended to streamline the implementation of development projects, allowing for better coordination and oversight. It also helps in aligning the DMF's initiatives with broader state and **Sustainable Development Goals**.

In May 2021, Mineral Foundation of Goa was appointed as the Project Management Unit for the District Mineral Foundation (Trust), North Goa/South Goa.

The Project Management Unit was appointed to work closely with the DMF, line departments and stakeholders; to identify projects benefiting the local communities, scrutinize proposals for their benefit and sustainability, interdepartmental working and communication, monitoring of execution, data handling and report preparation.







Administrative Setup of DMF

- MANAGING COMMITTEE
- GOVERNING COUNCIL

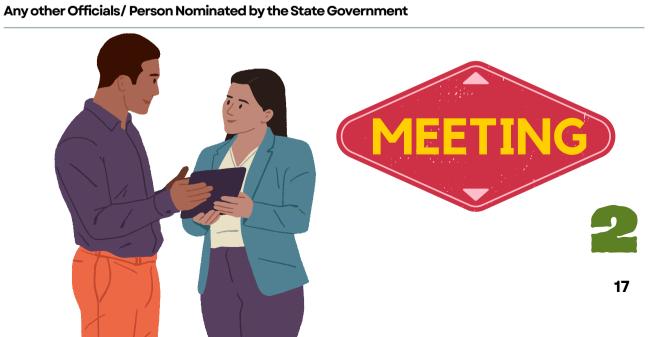
Managing Committee Composition for the year 2022-2023

DESIGNATION IN DEPARTMENT	DESIGNATION IN MC
Collector/ District Magistrate	Chairperson/Trustee
Deputy Director of Mines	Member Secretary/Trustee
The Executive/Assistant Engineer, Public Works Department	Ex Officio Member/Trustee
The Deputy Director, Directorate of Health Services	Ex Officio Member/Trustee
The Deputy Director, Directorate of Education	Ex Officio Member/Trustee
The Assistant Director, Directorate of Social Welfare	Ex Officio Member/Trustee
The Deputy Director, Directorate of Women & Child Development	Ex Officio Member/Trustee
The Deputy Director, Directorate of Agriculture	Ex Officio Member/Trustee
The Executive/Assistant Engineer, Water Resources Department	Ex Officio Member/Trustee
The Executive/Assistant Engineer, Department of Electricity	Ex Officio Member/Trustee
The Representative of the Finance Department (Budget),	Ex Officio Member/Trustee
The Director/Deputy Director, Directorate of Panchayats	Ex Officio Member/Trustee
The member secretary of the Goa State Pollution Control Board	Ex Officio Member/Trustee



Governing Council Composition for the year 2022-2023

DESIGNATION IN DEPARTMENT	DESIGNATION IN GC
Collector/ District Magistrate	Chairperson/Trustee
Member of Parliament, Lok Sabha, North Goa	Member /Trustee
Members of the Legislative Assembly of Goa from the Mining affected	Member /Trustee
areas in South Goa	
Deputy Director of Mines	Member Secretary/Trustee
The Executive/Assistant Engineer, Public Works Department	Ex Officio Member/Trustee
The Deputy Director, Directorate of Health Services	Ex Officio Member/Trustee
The Deputy Director, Directorate of Education	Ex Officio Member/Trustee
The Assistant Director, Directorate of Social Welfare	Ex Officio Member/Trustee
The Deputy Director, Directorate of Women & Child Development	Ex Officio Member/Trustee
The Deputy Director, Directorate of Agriculture	Ex Officio Member/Trustee
The Executive/Assistant Engineer, Water Resources Department	Ex Officio Member/Trustee
The Executive/Assistant Engineer, Department of Electricity	Ex Officio Member/Trustee
The Representative of the Finance Department (Budget),	Ex Officio Member/Trustee
The Director/Deputy Director, Directorate of Panchayats	Ex Officio Member/Trustee
The member secretary of the Goa State Pollution Control Board	Member /Trustee
Two Representatives shall be recommended by Mines Minister and to b	pe
Finally nominated by the State Government amongst the mineral	
concession holder/ Industry representativ/ Goa Mineral Ore Exporters	
Association	Member /Trustee



ADMINISTRATIVE PROCESS OF APPROVING PROJECTS UNDER DISTRICT MINERAL FOUNDATION



Proposals submitted to DMF by various stakeholders







Proposals are placed before Managing Committee (MC) for consideration









Post reviewing and approval, MC recommends the proposals to the Governing Council (GC) for final approval.









DMF releases the Administrative Approval to the concerned implementing department/agency for the approved projects

Once, tender process / codal formalities are completed by the concerned departments, DMF accords Expenditure Approval







Funds are released on submission of RA/final bill & completion report to be submitted by the concerned department



Managing Committee (MC) North Goa Meetings

21 Nov 2019

08 Jan 2020

20 Jan 2020

05 Jun 2020

20 Aug 2020

19 Oct 2020

27 May 2021

14 Dec 2021

14 Sep 2022

06 Feb 2023

Governing Council (GC) North Goa Meetings

1st-23 July 2019

2nd-28 Nov 2019

3rd- 08 Jan 2020

4th- 05 June 2020

5th- 10 Sep 2020

6th-29 Oct 2020

7th- 29 Jan 2021

8th-27 May 2021

9th-14 Dec 2021

10th-21 Oct 2022

11th- 01 Mar 2023

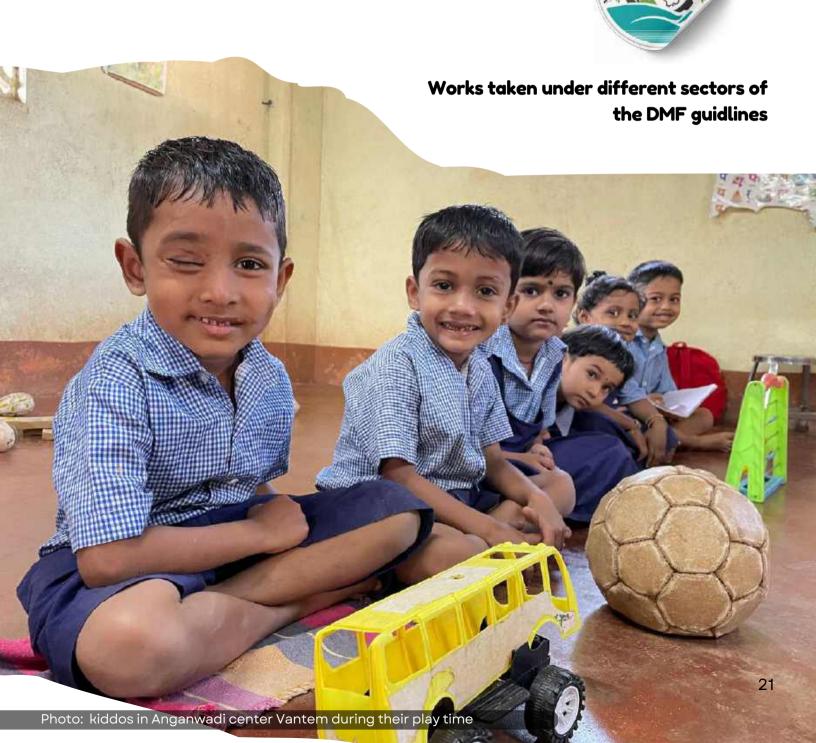


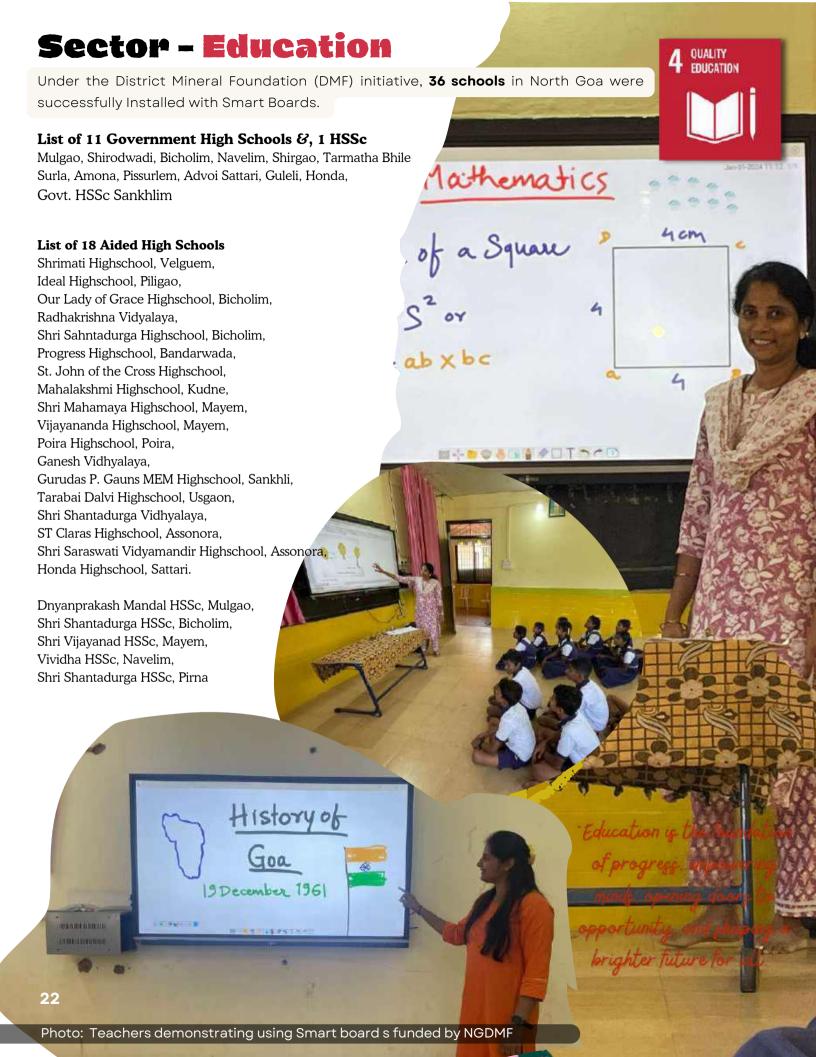


Students Playing handball at Govt High School Bhuipal



Works Taken under MCDMF





Education in Mining Areas

DMF worked towards providing a better infrastructure for students by upgrading school buildings and sanitation in the Mining Affected areas of North Goa

Budget - ₹1,26,16,216



Government Primary School, **Vantem**Government Primary School, **Advai**

Government High School, **Bhuipal**



Photo: Students gathered in gallery- GPS, Vantem

Sector - Education





Transportation through KTCL for Sonshi & Honda

To facilitate safe and timely travel for students, the North Goa District Mineral Foundation (NGDMF) sanctioned the Services of Kadamba Transport Corporation Limited (KTCL) for schools in Honda and Sonshi. The initiative aimed to ensure reliable and efficient transportation, minimizing student absenteeism and delays.

The buses operate on specific, curated routes designed in consultation with the schools of Honda and Sonshi to cater to the commuting needs of students.

On May 7, 2019, the Governing Council of North Goa DMF officially sanctioned the provision of these buses, approving a budget of ₹76,17,403 for the initiative. Since their deployment, the buses have remained operational, serving as a crucial mode of transport for schoolchildren, ensuring their timely arrival, safety, and convenience. This initiative has significantly benefited students by reducing travel difficulties and supporting better access to education in the region.

Sector - Welfare of aged and disabled

DMF worked towards providing a better life for the specially abled children, such as sponsoring cochlear implants for two students with hearing disabilities.





"On behalf of my Parents, Thank you,

DMF, for giving me the gift of hearing. I
can now listen to my mom's voice, my
friends' laughter, and my favorite songs.

You made my world so much brighter
and happier. I promise to use this
blessing wisely and make you proud.

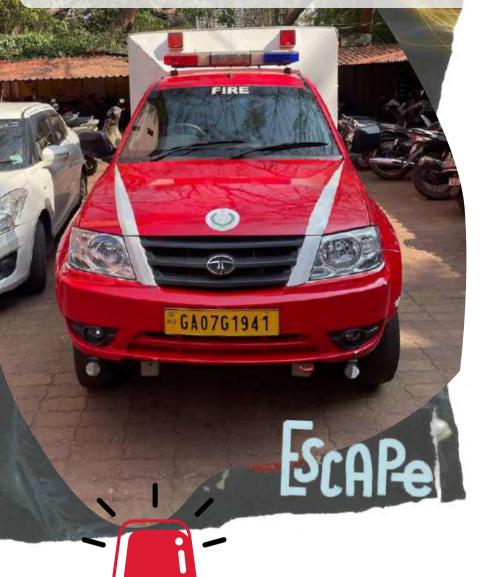
Thank you for changing my life!"

Aryash Shajankar

Sarvodaya High School, Usgao- Goa



Sector - Any Other measures for Enhancing Environmental Quality



DMF works towards the safety of the local stakeholders, thus providing emergency response units for Mining affected areas.

Budget ₹1,72,31,259/-

A Proposal was received from the Fire and Emergency Department for procurement of disaster management equipment considering frequent incidents of flooding in the mining affected areas especially during monsoon season. in terms of the proposal District Mineral Foundation (Trust), North Goa sanctioned purchase of 02 Nos. of quick response vehicle along with chassis and equipment viz 3KVA Petrol driven generator -01 No. Electrically operated chain saw – 02 Nos. Petrol driven saw - 02 Nos. & ATEX approved handheld torch – 02 Nos. for Fire & Emergency department and which were then placed at 3 different sites in mining affected areas.

The said equipment has ensured a quick response from the rescue teams posted in the mining-affected areas of Bicholim, Mapusa and Valpoi.

Quick desponse response vehicle

Procured by NG-DMF for Bicholim Fire Station, Mapusa Fire Station, Valpoi Fire Station





Sector - Drinking Water

Augmentation of water supply to Velguem. Surla and Pale



Budget ₹9,97,12,215/-

Floating Pontoon

A floating pontoon and water pump is installed on the river Mandovi, near the Mhadai River New Dam with Submersible pumps.

Pump House

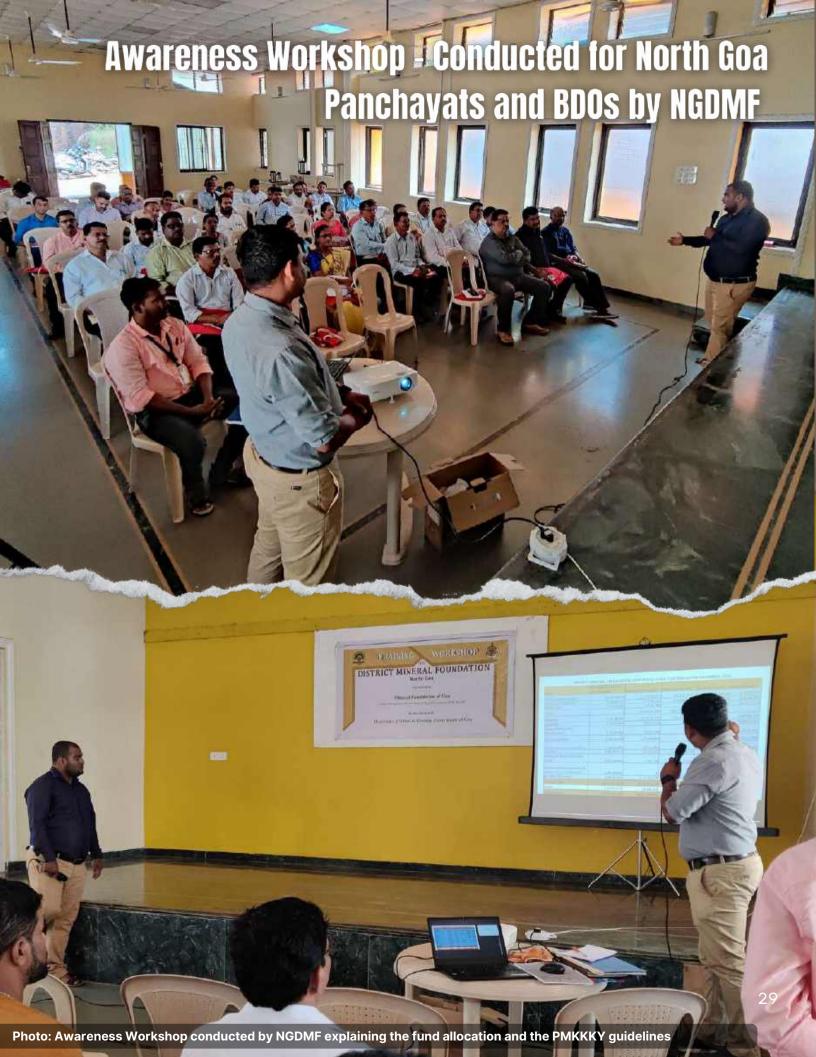
This water will be supplied to Marutigad pale and the filtration tanks. This water is beneficial to the whole Pale, Velguem and Surla Village People.





Filtration Tanks

Five filtration tanks are installed at the hill of Marutigad, Pale village with full capacity purification from where the water is supplied to the whole Pale, Velguem and Surla Village Households.



Projects Taken under Different Sectors of DMF PMKKKY

PROJECT NAME - NO. OF PROJECTS

Till March 2023



Sector: Drinking Water Supply



Supply of water by tanker - 8	₹1,94,37,807
Improvement of Water supply system in Kelbaiwada, Gaonkarwada &	
Chimulwada & Poira in Mayem Constituency- 1	₹ 4,20,51,748
Augmentation of water supply system in V.p Pale, Velguem & Surla-1	₹ 9,97,12,215



Sector: Heathcare



AMOUNT SANCTIONED

AMOUNT SANCTIONED

Covid 19 Relief - Purchase of equipment during Pandemic	₹ 16,43,19,492
Purchase of Ambulance - 1	₹ 23,64,195
Providing 03 Cardiac Ambulances, 10 Basic Life Saving Ambulances - 1	₹ 4,01,73,000



Sector: Education



Transportation facility to school going childrens in mining affected areas by	₹76,17,403
K.T.C.L. (Govt.of Goa)-1	
Repairs/Upgradation and Maintenance of Government Schools under	₹1,26,16,216
Mining belt - 1	
 Proposal for Smart Boards for 36 Schools-1	₹79,04,160
Regarding Buying of 5 School buses-1	₹1,75,00,000
Proposal for providing free IT education/upgradation of IT Skill for Citizens	₹11,24,000
residing in mining-affected areas/regions in the state of Goa under Goa	
District Mineral Foundation funds-1	

Projects Taken under Different Sectors of DMF PMKKKY

Till March 2023



Sector: Welfare of Women & Child



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED

Procurement of utensils and water purifiers for Anganwadis-1

₹17,11,954



Sector: Welfare of Aged & Disabled



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED

Purchase of 2No Cochlear implant processor for two kids from Pale-1

₹ 9.48.250

Request to Provide 2Nos. Motorised bikes with side wheels designed for persons with

₹ 2,30,000

disabilities under DMF to Lakshman Sakharam Ghadi & Shekhar Daulappa Chalvadi - 1



Sector: Skill Development



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED

Project proposal titled - "Go Van" by GSBB - 1

₹1,91,00,000

Proposal for Skill development in Animal husbandry practices-1

₹ 6,30,000



PROJECT NAME - NO. OF PROJECTS

Sector: Sanitation



AMOUNT SANCTIONED

Material Recovery Facility at Village Panchayat, Piligao-1

PROJECT NAME - NO. OF PROJECTS

₹ 27,07,635



Sector: Physical Infrastructure

AMOUNT SANCTIONED

(Roads) Hot mixing of roads in mining-affected areas at Ambegal, Pale village-1.
--

₹ 1,70,40,000

Improvement of drainage system in Navarwada, V.P. Pale-Cotombi-1

₹1,05,00,000

Projects Taken under Different Sectors of DMF PMKKKY

Till March 2023



Sector: Irrigation



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED

Pumping of water from mining pit for agriculture1	₹45,00,000
Desilting of Agricultural fields, rivulets/nallahs in Shirgao village of	₹2,00,00,000
Bichoilim Taluka through W.R.D. (as per High Court directives)-1	



Sector: Energy & Watershed



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED IN CR

200KVA transformer at Village Panchayat, Piligao-1	₹7,41,448
Enhancement of transformer capacity from 100 KVA to 200KVA at	₹4,07,748
Gaonkarwada, Mayem-1	



Sector: Any other measures for enhancing environmental quality in mining district



PROJECT NAME - NO. OF PROJECTS

AMOUNT SANCTIONED

Procurement of Disaster Management Equipments.-1 ₹1,72,31,259

Total Sanctioned amount till March 2023

₹ 51,05,68,530





