



PERSPECTIVE THOUGHT PROCESS AT MAHAPREIT

Change Narrative: Paradigm shift

- Expectation of target sections have grown **exponentially**.
- Start ups and target beneficiaries can perform and deliver – **only need opportunity**.
- Information Technology has changed all spheres of life including **dimensions of Time and Geography**.
- Weaker sections to be supported for benefits of **Land reforms and Agro product value addition**.
- **Revenue & Assets Generation** activities will strengthen **own resources** clubbed with **access to opportunities in Core Business areas and Business acumen of BC beneficiaries**.





Verticals at MAHAPREIT

1) Renewable Energy & Electric Vehicles (EV)	2) Software Technology Park and DC
3) Infrastructure Technology Projects	4) Agro Processing Value chain and Biofuels
5) Affordable Housing	6) Corporate Community Development
7) Environment and Climate Change	8) Energy Audit and Corrective systems
9) Emerging Technology Areas	10) Women Entrepreneurship and Convergence

MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



MAHAPREIT - “NAVYUG” SCHEME

- ❖ **NAVYUG** Scheme to get INTEGRATED, INCLUSIVE AND COMPREHENSIVE effects of all input supports of MAHAPREIT for MPBCDC beneficiaries
- ❖ **NAVYUG** will be flag ship scheme OF MAHA PREIT AND WILL COVER PROJECTS and beneficiaries under ALL verticals of MAHAPREIT. **NAVYUG** scheme will cover –

- | | |
|--|--|
| 1) NEAS – NAVYUG Energy Audit, RESCO Model | 6) APVC - Green Coal, CBG, Bio fuels, CFC, PMFME, Clusters, WSHG |
| 2) CMEC – Mandate Compliance, WTE, Env Audit, Mangroves, Carbon credit | 7) Infrastructure Projects – Highways/Roads, Urban Transport infrastructure |
| 3) RMC Plants and and Green Concrete | 8) Affordable Housing – LEED, Climate Change issues Redressal mechanism, C |
| 4) EV Charging Stations Infra, Fleet mgt, EV Wage Emp schemes | 9) ETAP – New Tech like Green H ₂ , Carbon Capture, BSS, Alternative Fuels Tech |
| 5) Solar Parks/Projects, Battery Applications and Studies | 10) CCD - CSR and Community Development |



MAHAPREIT Solar Park Proposal

Setting up of 3 X 250 & 3 X100 Solar Parks ONE IN EACH REVENUE DIVISION with SECI or State PSU or any other Model - PROPOSAL FOR SOLAR PARK WITH STATE /CENTRAL PSU



Respective schemes of GoM/GoI	<ul style="list-style-type: none"> Under- MNRE Scheme/MERC order compliance for RPO support and Solar Power deficiency compliance /Supporting SC farmers groups/
Features -	<ul style="list-style-type: none"> As per MNRE scheme
Financials –	<ul style="list-style-type: none"> As per MNRE scheme
Business Model –	<ul style="list-style-type: none"> JV with Central PSU and /or Private partner with land as equity from GOM and equity contribution as available in GoM /GoI /CPSU schemes Project finance from banks / FIs under SC components
Advantage to SC Beneficiaries /Community –	<ul style="list-style-type: none"> Will explore how surplus revenue/ profit can be shared with SC beneficiaries like Industrial / commercial units, cooperatives, SC localities by supplementary tariff, Promotion of SC industries etc
Support from GoM -	<ul style="list-style-type: none"> Land to be made available. Equity participation if required , from GoM or NSFDC etc and FI/Corporate private equity



महाराष्ट्र शासन

उद्योग, ऊर्जा व कामगार विभाग

१९ वा मजला, नवीन प्रशासकीय भवन,

मादाम कामा रोड, हुतात्मा राजगुरु चौक, मंत्रालयासमोर, मुंबई-३२

Mob No.: ८६५२२४०९९९

Email Id: pramod.chaudhari@nic.in

क्रमांक : बैठक-२०२१/प्र.क्र.२६७/ऊर्जा-७

दिनांक : ११ एप्रिल, २०२२

प्रति,

अध्यक्ष व व्यवस्थापकीय संचालक.,

महाराष्ट्र राज्य विद्युत वितरण कंपनी लि. प्रकाशगड, वांद्रे(पूर्व), मुंबई-५१.

विषय :- महाप्रति कंपनीद्वारे सांगली जिल्ह्यातील नियोजित १२५-१५० मेगावॅट क्षमतेच्या उभारण्यात येणा-या सौर ऊर्जा निर्मिती प्रकल्पातून निर्माण होणा-या वीजेचा महावितरण कंपनी व महाप्रति कंपनी यांच्यात वीज खरेदी करार करण्याबाबत....

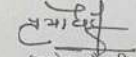
- संदर्भ :- १) अध्यक्ष व व्यवस्थापकीय संचालक, महाप्रति यांचे पत्र क्र.एमएचए/सीएमडी/सोलार प्रोजेक्ट/११२, दिनांक १३.१२.२०२१.
- २) शासन निर्णय समक्रमांक दि.१७.२.२०२२.
- ३) संचालक (वाणिज्य), महावितरण कंपनी तथा शासन निर्णय समक्रमांक दि.१७.०२.२०२२ अन्वये गठीत केलेल्या उपसमितीचे अध्यक्ष यांचे दि.१७.०२.२०२२ चे पत्र.
- ४) संचालक (संचलन), महाप्रति यांचे पत्र क्र.महा/सांगली/सौर प्रकल्प/प्रस्ताव/१८२/२०२२, दि.३०.३.२०२२.

महाप्रति कंपनीद्वारे सांगली जिल्ह्यातील नियोजित १२५-१५० मेगावॅट क्षमतेचा सौर ऊर्जा निर्मिती प्रकल्पाच्या वीज खरेदी करारासाठी (PPA) दरासंदर्भात शिफारस करण्यासाठी संचालक (वाणिज्य), महावितरण कंपनी यांच्या अध्यक्षतेखाली उपसमिती व सदर उपसमितीने सादर केलेल्या अहवालाची छाननी करून पुढील कार्यवाहीची शिफारस करण्यासाठी प्रधान सचिव (ऊर्जा) यांच्या अध्यक्षतेखाली संदर्भाधीन दिनांक १७.०२.२०२२ च्या शासन निर्णयान्वये समिती गठीत करण्यात आली होती.

२. संचालक (वाणिज्य), महावितरण कंपनी यांच्या अध्यक्षतेखाली उपसमितीने दिनांक १७.०२.२०२२ च्या पत्रान्वये अहवाल सादर केला. सदर अहवालान्वये उपसमितीने महाप्रति कंपनीच्या सांगली जिल्ह्यातील नियोजित १२५-१५० मेगावॅट क्षमतेच्या सौर ऊर्जा प्रकल्पातून निर्माण होणारी वीज रु.२.८२/kwh या दराने महावितरण कंपनीने खरेदी करावी अशी शिफारस केली. त्याअनुषंगाने प्रधान सचिव (ऊर्जा) यांच्या अध्यक्षतेखालील समितीने दिनांक ०९.०३.२०२२ रोजी झालेल्या बैठकीत सदर प्रस्ताव व त्यास दिलेली कारणमिमांसा विचारात घेऊन प्रस्ताव मा.मंत्री (ऊर्जा) महोदयाकडे मान्यतेसाठी सादर करावा अशी शिफारस समितीने केली.

३. उक्त नमूद शासन निर्णय दिनांक १७.०२.२०२२ अन्वये गठीत केलेल्या संचालक (वाणिज्य), महावितरण कंपनी यांच्या अध्यक्षतेखालील गठीत उपसमितीचा अहवाल व उपसमितीने वीज दराबाबत केलेली शिफारस, सदर उपसमितीच्या अहवालाबाबत प्रधान सचिव (ऊर्जा) यांच्या अध्यक्षतेखालील गठीत समितीने केलेली शिफारस, सदर प्रकल्पातून अनुसूचित जातीतील संबंधित जमीन धारकांना मिळणारे आर्थिक उत्पन्न, स्थानिक रहिवाशांचा होणारा सामाजिक/आर्थिक विकास, प्रकल्पाबाबतची समितीने केलेली सर्व कारणमिमांसा विचारात घेऊन महाप्रति कंपनीद्वारे सांगली जिल्ह्यातील नियोजित १२५-१५० मेगावॅट क्षमतेचा सौर ऊर्जा निर्मिती प्रकल्पातून निर्माण होणारी वीज महावितरण कंपनीने रु.२.८२/- प्रतियुनिट दराने महावितरण कंपनीच्या NPO मर्यादेत खरेदी करण्यास महावितरण कंपनीस शिफारस करण्यात येत आहे.

४. यानुसार उक्त नमूद वीज दरानुसार महावितरण कंपनी व महाप्रति कंपनी यांच्यात रु.२.८२/- प्रतियुनिट दराने वीज खरेदी करार करण्याची शिफारस करण्यात येत आहे. मात्र असा वीज खरेदी करार करताना विद्युत अधिनियम, २००३ व महाराष्ट्र विद्युत नियामक मंडळाचे विनियम इत्यादी यामधील तरतुदीनुसार/ नियमानुसार प्रक्रिया पूर्ण करण्यात यावी, अशी सुध्दा शिफारस करण्यात येत आहे. तसेच मा.महाराष्ट्र विद्युत नियामक आयोगामार्फत उक्त नमूद वीज दर स्विकारण्याकरीता (Tariff adoption) याचिका दाखल करण्यात यावी, अशीसुध्दा शिफारस करण्यात येत आहे.


(प्रमोद चौधरी)

कक्ष अधिकारी, महाराष्ट्र शासन

प्रत माहिती तथा आवश्यक कार्यवाहीस्तव अग्रेषित-

१) अध्यक्ष व व्यवस्थापकीय संचालक,

महात्मा फुले नवीकरणीय ऊर्जा व पायाभूत प्रौद्योगिकी मर्यादित, (महाप्रति), मुंबई.

२) महासंचालक, महाराष्ट्र ऊर्जा विकास अग्निकरण,

औंध रोड, स्पायसर कॉलेज समोर, षशुसंवर्धन आयुक्तालया शेजारी, औंध, पुणे -४११०६७.



SPV - Maharashtra Agriculture Consumer Electricity Distribution Company (MACEDC)

Proposal to form SPV for Agri Consumers Electricity Distribution

- 1. SPV Formation with MSEDCL for Electricity Distribution to Farmers namely - Maharashtra State Agriculture Consumer Electricity Distribution Co Ltd (MSACEDCL)**
2. Area of Supply --- Maharashtra State
3. No of Consumers --- @ 44,00,0000
4. Connected Load --- @ 210,00,000 HP/@15,500MW
5. Arrears towards Agri consumers --- @ Rs 40,000 Crs
6. GoM Subsidy/Annum --- @ Rs 5500 to 6400 Crs
7. Scope of work – Supply, Operation, Maint., billing, revenue collection, Infra development, New connection release etc.



MAHAPREIT Solar Projects under PFR stage

- ❖ Proposal to set up single captive, open access SPP for ALL Mun Corporation around MMR.
- 1) **MMR ULB (Other than BMC) –**
 - ❖ Huge cost saving for all ULB, Cost economy by aggregating demand and time bound project implementation are few G2G basis work advantages to all stake holders.
 - ❖ Primary discussion with ULB and UDD are initiated.
- 2) **MIDC – Catering Aggregated solar power demand – Approx. 1000 MW**
 - ❖ MIDC has shown interest in collaborating with MIDC for their captive consumers, aggregating.
 - ❖ MAHAPREIT will work on cost saving (delta) or Capex/EPC model as the case may for different regions in Maharashtra where consumers wants to swap power with MIDC as distribution licensee.
- 3) **PMC - approx. 50 MW for water works and STP/Street lighting** – PMC has in principle agreed to work with MAHAPREIT on cost saving model. DPR is under preparation.
- 4) **District specific Solar Projects under MAHADIEP.**
- 5) **Proposal to set up SPP on Irrigation dept spare, unproductive lands** – Primary discussion held.
- 6) **10 MW Integrated RE project at Ralegan Siddhi** with Gr Mounted Solar, Roof top and lift irrigation scheme.



STP Update

1. Freezing Plan and Layout
DPR and Tender Preparation
2. Financial Model Finalizing – Project
Cost approx. INR 600 Cr civil
Construction (for first phase – 2
towers of 23 floors) + INR 300 Cr
Data center/IT hardware/software,
Utilities
3. Negotiating Term Loan
4. Equity Provision





Pune Municipal Corporation RESCO Model work



PUNE MUNICIPAL CORPORATION

वर्क ऑर्डर

मुख्य अभियंता (वि) कार्यालय,
पुणे महानगरपालिका
जा.क्र.- 369C
दिनांक - ११/०३/२०२२.

मे. महात्मा फुले रिन्यूएबल एनर्जी अँड
इन्फ्रास्ट्रक्चर टेक्नॉलॉजी लिमिटेड (MAHAPREIT),
प्लॉट - बी -501,502,पिन्कल कार्पोरेट पार्क,
नेक्स्ट टू ट्रेड सेंटर, बांद्रा कुर्ली कॉम्प्लेक्स,
बांद्रा (ईस्ट), मुंबई - 400 051

विषय- पुणे महानगरपालिकेच्या कार्यक्षेत्रातील विविध ठिकाणच्या वीज वापरामध्ये कमीतकमी 15% वीज बचत करण्यासाठी ESCO/BOT तत्वावर आवश्यक उपाय योजना व खरेदीसाठी 100% गुंतवणूक करून त्या ठिकाणच्या म.रा.वि.वि.कंपनीच्या बिलात होणाऱ्या वीज बचत पैकी 80% बचतीच्या रकम (त्या ठिकाणच्या वीज दरानुसार) 8 वर्षे कालावधीपर्यंत मे.महात्मा फुले रिन्यूएबल एनर्जी अँड इन्फ्रास्ट्रक्चर टेक्नॉलॉजी लिमिटेड (MAHAPREIT) यांना आदा करण्यास व त्यानुसार त्यांचेशी करारनामा करण्यास तसेच त्यांचेकडून या कामाचे 8 वर्षे कालावधीपर्यंत विना मोबदला दुरुस्ती व देखभालीचे कामे करणे.

संदर्भ - मा.स्थायी समिती,उ.क्र.2375 दि.25/02/2022

महाराज,

- विषयांकित नमूद केलेले कामासाठी करारनामा करण्यास मा. स्थायी समिती यांचा ठराव क्रमांक 2375 दि. 25/02/2022 ने मान्यता मिळाली आहे व PMC च्या सल्ल्यानुसार उचित मुल्याच्या स्टॅम्प पेपरवर सामंजस्य करार (MoU) करण्यात आल्यानंतर सदर कामाचा करारनामा मसुदा फी रकम रुपये 350/- पुणे म.न.पा. कोष कार्यालयात रोख भरण्याची व्यवस्था करावी व पोच पावती तसेच करारनामा करण्यासाठी रक्कम रुपये 5,000/- चे स्टॅम्प पेपर्स व इत्यादी कागदपत्रे संबंधित टेंडर क्लार्क (श्रीमती पाटील) यांना आणून द्यावेत व त्यांच्याकडून स्टॅम्प पेपर्स मिळाल्याबाबत पोच पावती घ्यावी.
- हे पत्र मिळाल्यापासून एक आठवडा मुदतीचे आत स्टॅम्प पेपर्स आणून न दिल्यास आपणास सदरचे काम करावयाचे नाही असे समजून कोणतेही स्मरणपत्र न पाठवता आपले टेंडर रद्द करून आपणाविरुद्ध नियमाप्रमाणे कार्यवाही करण्यात येईल.
- हे काम सुरू करण्यासाठी श्री.प्रमोद उडे, कार्यकारी अभियंता (विद्युत) (संपर्क क्र. 9689931956), श्री.सुरेश पवार,उप अभियंता (विद्युत) (संपर्क क्र. 9689931057) यांचेकडे संपर्क साधावा. या कामाची मुदत 8 वर्षे आहे. सदरची मुदत संपल्या, इन्स्टीट्यूशन, टेस्टिंग व कमीशनिंग (SITC) चे काम पूर्ण झाल्याचे प्रमाणपत्र (GO LIVE CERTIFICATE) दिल्यापासून मोजण्यात येईल.
- 1970 सालचा कॉन्ट्रॅक्ट अँक्ट, 1981 सालचा अग्रेडीस अँक्ट, 1985 सालचा वक्स कॉन्ट्रॅक्ट अँक्ट, 1989 सालचा रिअॅनिव्हेट वक्सअँक्ट हे सर्व कायदे त्यातील तरतुदी, त्यांची योग्य ती पूर्तता करण्याची तरतुदी प्रमाणे वागण्याची व आवश्यक ते सर्व रेकॉर्ड्स ठेवण्याची जबाबदारी ठेकेदाराची असून आवश्यक सर्व कर भरण्याची जबाबदारी ठेकेदाराची राहिल.
- ठेकेदारास कामाच्या ठिकाणी नेमण्यात येण्याच्या कामगारांचा तसेच कामाचा वक्समैन कॉम्पॅसेशन अँक्ट नुसार विमा उतरविणे आवश्यक आहे.
- काम सुरू करण्यापूर्वी म.न.पा.च्या नमुन्या नुसार तपशील बोर्ड लावावेत. विषयांकित काम मा. उप अभियंता (विद्युत) व शाखा / कनिष्ठ अभियंता यांचे देखरेख खाली करण्यात यावा.
- करारावर स्वाक्षरी केल्यापासून 60 दिवसांच्या आत आपणा (मे. महाप्रीत (MAHAPREIT)) मार्फत डीटेल DPR तयार करावा लागणार आहे.सदर DPR मध्ये इतर आवश्यक बाबींबरोबरच कामास लागणारा कालावधी

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नमूद करावा व अपेक्षित कालावधीपेक्षा जादा कालावधी लागल्यास दंडात्मक कारवाई करारनामामध्ये नमूद केल्यानुसार राहिल.

- करारनामा केल्याखेरीज पहिले रनिंग बिल आदा केले जाणार नाही.
- पुणे महानगरपालिकेच्या एकूण वीज वापरामध्ये कमीतकमी 15% रकमेच्या वीज बचत करणे आवश्यक आहे. यापेक्षा कमी वीज बचत झाल्यास त्या ठिकाणचे बचतीचे बिल देण्यात येणार नाही.
- सदर कामासाठी आपणा (मे. महाप्रीत (MAHAPREIT)) मार्फत तयार केलेल्या डीटेल DPR ला मान्यता मिळाल्यावर ESCO/BOT तत्वावर एनर्जी सेव्हिंगचे कामे करारनामामध्ये नमूद केल्यानुसार करण्यात यावी व त्या ठिकाणच्या वीज बिलानुसार वीज बचतीचे रकम आदा केले जाईल.
- ' Go Live Certificate ' हे प्रमाणपत्र पुणे महानगरपालिकेमार्फत देण्यात आल्यानंतर बचतीचे 80% रक्कम खालील वीज दराच्या (टॅरिफ) आधारे निर्धारित केले जाईल.


(Total amount of MSDDL/Power Discom company bill - fine if any+rebate)

वीज दर (टॅरिफ) =

KWh/KVAh consumed as mentioned in the bill

- सदर 8 वर्षे मुदतीचा काम करण्याचा कालावधी पूर्ण झाल्यावर त्या कालावधीमध्ये बदललेले साहित्य पुणे महानगरपालिकेला चालू स्थितीमध्ये हस्तांतरित मे. महाप्रीत (MAHAPREIT) यांनी करावे.

कळवे.


(श्रीनिवास कंदूल)
मुख्य अभियंता (विद्युत)
पुणे महानगरपालिका

प्रत:

- मा. कार्यकारी अभियंता (दक्षता विभाग)
- मा. प्राप्ती व चाचणीचे अर्थन्यीक्षक
- न्यू इंडिया इन्शुरन्स क. मित्रमंडळ चौक, पर्वती, पुणे.
- मा. उप अभियंता (विद्युत) - श्री.सुरेश पवार
- शाखा / कनिष्ठ अभियंता श्री.मोनाली मोरे
- टेंडर क्लार्क - श्रीमती पाटील
- गणक / अकौंटंट
- कामगार सल्लागार, पुणे महानगरपालिका

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महात्मा फुले नवीनीकरणीय ऊर्जा व पायाभूत प्राद्यौगीकी मर्यादित
(म. फु.मा. वि. म. ची उपकंपनी)

MAHAPREIT signed MOU with Pune Municipal Corporation



(Standard Post, Bureau) Mumbai, April 7: Today MAHAPREIT entered in MOU with Pune Municipal Corporation as strategic partnership for carrying out Design, Strategy, Planning, Implementation of Energy saving and/or cost saving measures. This MoU was signed by Shri Bipin Shirmali, IAS, CMD MAHAPREIT and Shri Vikramkumar, IAS, Municipal Commissioner to PUNE.

The project envisages sharing on saving in the cost of energy consumption with a large perspective development of weaker section with respect to creation of self

and wages employees. The initiative also aims to reduce carbon emission and de-carbonization in terms of generating solar power to replace the conventional power. The project being first of its kind in the state of Maharashtra as joint initiative of MAHAPREIT and Urban Local Body i.e. Pune Municipal Corporation which will benefit the city of Pune as well the weaker section of the society. The project also envisages supporting start up a local entrepreneurship to eligible entrepreneurs as may be identified under joint initiative of PMC and

MAHAPREIT. It will also set precedence to take up such projects in other Municipal corporations of state to have reduction in carbon emission as well saving in energy cost.

On this occasion Shri Bipin Shirmali, CMD MAHAPREIT expressed that this project will bring lots of energy saving, hence cost saving on energy bill to PMC in future.

Similarly, Shri Vikramkumar, Commissioner PMC expressed that this project will bring lot of benefits to PMC and satisfaction having signed MoU with MAHAPREIT (Subsidiary

company of MPBCDC).

On this occasion Dr Shri Kunal Khemnar, IAS, Additional Commissioner, Shri Shrinivas Kundal Chief Engineer (Electrical), Smt. Manisha Shekatkar S.E.(Electrical) of Pune Municipal Corporation and Shri Vijaykumar Kalam Patil, Director (Operations), Shri Virendra Jadhavrao (CFA), Shri Prashant Gedam, Executive Director (Admin), Shri Pankaj Shah (CLA), Chief General Managers Shri Shyamsunder Soni, Shri Satish Chaware, Shri Ganesh Choudhari and Shri Milind Awatade, PRO, Shri Prasad Dahapute were present.

उर्जा बचत प्रकल्पासाठी महाप्रितचा पुणे महानगरपालिकेसोबत सामंजस्य करार संपन्न

पुणे, दि.०७। प्रतिनिधी

महाराष्ट्र शासनाच्या महात्मा फुले मागासवर्ग विकास महामंडळाअंतर्गत स्थापन करण्यात आलेल्या महात्मा फुले नविनीकरणीय उर्जा व पायाभूत प्रौद्योगिकी मर्यादीत (महाप्रित) या सहयोगी कंपनीने आज दि. ०७/०४/२०२२ रोजी पुणे महानगरपालिकेसोबत ऊर्जेची व उर्जा खर्चाची बचत, धोरण, यासाठी उपाययोजना करण्यासाठीच्या प्रकल्पासाठी सामंजस्य करार केला. या सामंजस्य करारावर महाप्रिततर्फे श्री. बिपिन श्रीमाळी, भा.प्र.से., अध्यक्ष तथा व्यवस्थापकीय संचालक, महाप्रित, यांनी तसेच श्री. विक्रमकुमार, भा.प्र.से., आयुक्त, पुणे महानगरपालिका यांनी स्वाक्षऱ्या केल्या. स्वयंरोजगार निर्मितीच्या संदर्भात दुर्बल घटकांच्या विकासाच्या दृष्टीकोनातून उर्जा वापराच्या खर्चात बचत करण्याची योजना



या प्रकल्पामध्ये आहे. पारंपारिक उर्जेच्या जागी सौर उर्जा निर्माण करण्याच्या दृष्टीने कार्बन उत्सर्जन आणि डी-कार्बोनायझेशन कमी करणे हे देखील या उपक्रमाचे उद्दिष्ट आहे. महाप्रित आणि स्थानिक स्वराज्य संस्था म्हणजेच पुणे महानगरपालिका यांचा संयुक्त उपक्रम म्हणून हा महाराष्ट्र राज्यातील पहिलाच प्रकल्प आहे, ज्याचा पुणे शहरासह समाजातील दुर्बल घटकांनाही उपयोग होणार आहे. पुणे महानगरपालिका (झचउ) आणि महाप्रित यांच्या

संयुक्त उपक्रमांतर्गत ओळखल्या जाणाऱ्या पात्र उद्योजकांना स्थानिक उद्योजकता सुरू करण्यास समर्थन देण्याचीही या प्रकल्पाची कल्पना आहे. कार्बन उत्सर्जन कमी करण्यासाठी तसेच उर्जा खर्चात बचत करण्यासाठी राज्यातील इतर महानगरपालिकांमध्येही असे प्रकल्प हाती घेण्यास त्यामुळे चालना मिळेल. यावेळी श्री. बिपिन श्रीमाळी, अध्यक्ष तथा व्यवस्थापकीय संचालक, महाप्रित यांनी असे मत व्यक्त केले की, या प्रकल्पामुळे मोठ्या

प्रमाणात उर्जा बचत होईल. त्यामुळे भविष्यात पुणे महानगरपालिकेच्या विद्युत देयकाच्या खर्चात बचत होईल. त्याचप्रमाणे पुणे महानगरपालिकेचे आयुक्त श्री. विक्रमकुमार यांनी या प्रकल्पाचा पुणे महानगरपालिकेला खूप फायदा होणार असल्याचे मत व्यक्त करून महाप्रित सोबत सामंजस्य करार केल्याबद्दल समाधान व्यक्त केले.

यावेळी डॉ.श्री कुणाल खेमनार, भा.प्र.से., अतिरिक्त आयुक्त, श्री. श्रीनिवास कुंदल, मुख्य अभियंता (विद्युत), श्रीमती मनीषा शेकटकर, अधिक्षक अभियंता (विद्युत) पुणे महानगरपालिका, श्री.विजयकुमार काळम पाटील, संचालक (संचलन), महाप्रित, श्री.प्रशांत गेडाम, कार्यकारी संचालक (प्रशासन), महाप्रित, मुख्य महाव्यवस्थापक श्री श्यामसुंदर सोनी, श्री. सतीश चवरे, श्री.गणेश चौधरी, श्री.विंदेश जाधवराव, श्री. पंकज शहा, श्री.प्रसाद दहापुते आणि श्री.मिलिंद अवताडे जनसंपर्क अधिकारी हे उपस्थित होते.

Passing out Function of 32 IRSSE



Smart Energy Meter Replacement

1. Ministry of Power, Government of India Vide OM 20/7/2021 has planned for major reforms in the power sector of which the highest priority has been given to the implementation of “Smart Metering” including replacement of existing meters with smart metering.
2. MOU signed with EESL/CESL and proposal to have project implementation on G2G basis/MOU route with MSEDCL and BEST under process . Other state DISCOMS are also to be examined for G2G route work .
3. JV with Intellismart (JV of NIIF & EESL) – GoI SPV co for smart meter is planned .
4. JV or SPV will do it on OPEX / Cost saving model.
5. Approximate work force requirement 120 person /Month/10,000 SM replacement. Huge Employment potentials can be created .



Interactive Session on Electric Vehicles Charging Infrastructure



MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power

**Convergence Energy Services Limited is a
Wholly Owned Subsidiary of EESL**

- MAHAPREIT is a Wholly Owned Subsidiary of MPBCDC (Government of Maharashtra Undertaking)

Business Verticals

- Renewable Energy & Electric Vehicles (EV)
- Software Technology Park and DC
- Infrastructure Technology Projects
- Agro Processing Value Chain and Biofuels
- Affordable Housing
- Corporate Community Development
- Environment and Climate Change
- Energy Audit and Corrective Systems
- Women Entrepreneurship and Convergence

MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



- CESL Signed MoU With MAHAPREIT on 9th September 2021 for Joint Collaboration and Co-Investment in EV Charging infra business in the state of Maharashtra.
- MAHAPREIT is wholly owned subsidiary of MPBCDC under State Government of Maharashtra.

MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



Maharashtra State EV Policy

Policy Targets

- 10% of New Vehicle registrations should be EVs by 2025
- 6 targeted urban agglomerations i.e. Mumbai, Pune, Nagpur, Nashik, Aurangabad and Amravati in the state, achieve 25% electrification of public transport.
- Transition of 15% of Maharashtra State Road Transport Corporation's (MSRTC) existing bus fleet to electric
- Target establishment of at least one Giga factory for the manufacturing of advanced chemistry cell (ACC) batteries in the state



Basic configuration of EVCS

As per DHI guidelines, each EV charging stations shall have the approved combination of chargers as below:

- A. 2x122 kw AC & 1 DC (15 kw)
- B. 1x122 kw AC & 3 DC (15 kw)
 - 1. 50 kw CCS2
 - 2. 50 kw CHAdeMO
 - 3. 22 kw AC Type – II
 - 4. 15 kw Bharat DC 001

Scooter & small vehicles 15 kw Four wheelers 50 kw and above

- MAHAPREIT invited EOI to deploy 134 EV charging stations in Mumbai city.
- The land locations for EV stations shall be open space, housing society having drive through access to main road in proximity, cinema complex, shopping malls, wedding halls, restaurants, public gathering places etc.
- Land requirement for EV stations – Minimum 100 Sq. Mtr.



Basic configuration of EVCS

- The **Combined Charging System (CCS)** is a standard for [charging electric vehicles](#), which uses the **Combo 1** and **Combo 2** connectors to provide power at up to 350 kilowatts. These two connectors are extensions of [Type 1](#) and [Type 2](#) connectors, with two additional [direct current](#) (DC) contacts to allow high-power DC fast charging.
- **Automobile manufacturers that support CCS include BMW, Daimler, FCA, Ford, Jaguar, General Motors, Groupe PSA, Honda, Hyundai, Kia, Mazda, MG, Polestar, Renault, Tesla, Tata Motors and Volkswagen Group.**



Nominal Car Battery Rating: 21 kWh to 45 kWh



**CARS, TRUCKS, BUS,
3W**

Car	Battery Rating kWh	Time for full charge using CCS, CHAdeMO	Time for full charge using AC Type II	Time for full charge using DC 001
Nexon	30.2	45 Mins	80 Mins	140 Mins
MG	44.5	60 Mins	140 Mins	180 Mins
Tigor	21.5	35 Mins	70 Mins	90 Mins
Kona	39.2	60 Mins	120 Mins	150 Mins



CARS, 3W, 2W

Tata Nexon EV

MG ZS EV

Tata Tigor EV

Hyundai Kona Electric

312 km

340 km

213 km

452 km

Li-ion Polymer Battery | 1.50 Lakh - 1.60 Lakh Kms Warranty

MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)

ADVANTAGES OF Electric Vehicles over ICE Vehicles



Electric Vehicles

Car	Electric Vehicles			ICE Vehicles		
	Battery Rating kWh	Range	Rs./ Km	Fuel Tank Capacity	Range	Rs./ Km
Nexon	30.2	312	1.5	44	786	6.5
MG	44.5	340	2	60	837	8.2
Tigor	21.5	213	1.5	35	735	5.5
Kona/ Alcazar	39.2	452	1.3	50	725	7.9



ICE Vehicles

Assumptions: Petrol Vehicles are selected.

Cost of Petrol: Rs. 114/Liter, Cost of Charging: Rs. 15/kWh



Maharashtra DGIPR ✓

3h · 🌐

#महाप्रित व #CESL मार्फत #मुंबई शहरात १३४ #ईव्ही चार्जिंग स्टेशनच्या पायाभूत सुविधा उभारण्याबाबत वांद्रे येथील मुंबई क्रिकेट असोसिएशन क्लबमध्ये चर्चासत्र झाले. यात माजी मुख्य सचिव स्वाधीन क्षत्रिय, माजी अपर मुख्य सचिव ए.के.जैन, #महारेरा चे सदस्य डॉ.विजय सतबीर सिंग यांचा सहभाग होता.



मुंबई शहरात १३४ ईव्ही चार्जिंग स्टेशनच्या सुविधा उभारण्याबाबत चर्चासत्र

मुंबई : महाप्रित व C.E.S.L. मार्फत मुंबई शहरात १३४ ईव्ही चार्जिंग स्टेशनच्या पायाभूत सुविधा उभारण्याबाबत मुंबई क्रिकेट असोसिएशन क्लब, वांद्रे येथे आज एक चर्चासत्र आयोजित करण्यात आले होते. या चर्चासत्रासाठी माजी मुख्य सचिव श्री. स्वाधीन क्षत्रिय, माजी अपर मुख्य सचिव श्री.ए.के.जैन, माजी अ.मु.स. व महारेरा चे सदस्य डॉ.विजय सतबीर सिंग, महाप्रितचे व्यवस्थापकीय संचालक श्री. बिपीन श्रीमाळी, शासनाच्या सामाजिक न्याय विभागाचे सचिव श्री.सुमंत भांगे, महाप्रितचे संचालक श्री. विजयकुमार ना. काळम, श्री. सुभाष लाखे तसेच महाराष्ट्र चेंबर ऑफ हौसिंग इंडस्ट्रीचे श्री. सतीश कुमार कुमारे इत्यादी मान्यवर उपस्थित होते.



कार्यक्रमाची सुरुवात स्वाधीन क्षत्रिय यांच्या हस्ते दिपप्रज्वलन करून करण्यात आली. कार्यक्रमाच्या प्रस्ताविकात महाप्रितचे संचालक विजयकुमार ना.काळम यांनी या कार्यक्रमाचा उद्देश, महाप्रितच्या स्थापनेमागील उद्देश व इतर माहिती यावर भाष्य केले. या कार्यक्रमासाठी मा.मंत्री, सामाजिक न्याय व विशेष सहाय्य यांच्या नियोजित कार्यक्रमांमुळे या कार्यक्रमास उपस्थित राहू न शकल्याने त्यांचा संदेश काळम यांनी वाचून दाखविला.

महाप्रितचे कार्यकारी संचालक रविंद्र चव्हाण यांनी इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनबाबत सविस्तर सादरीकरण करून इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनची आवश्यकता त्याचे फायदे, मुंबईत करावयाच्या इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनचे स्वरूप व त्यासाठी लागणारा खर्च, इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनच्या जागा तसेच चार्जर्सचे प्रकार, चार्जिंग स्टेशनचे विविध मॉडेल, व्यावसायिक मॉडेल इत्यादीबाबत सादरीकरणाच्या मार्फत सविस्तर माहिती दिली.

महाराष्ट्र शासनाचे सामाजिक न्याय विभागाचे सचिव सुमंत भांगे यांनी इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनची आवश्यकता याबाबत मार्गदर्शन केले.

महारेराचे सदस्य डॉ.विजय सतबीर सिंग यांनी महारेरा, विकासक, भविष्यात येणारे तंत्रज्ञानातील बदल व आव्हाने, भविष्यात बदलणाऱ्या आर्थिक

निकष, नवीन तंत्रज्ञान व कार्बन फुटप्रिंट, गृहनिर्माण संस्थांमध्ये उभारवयाचे चार्जिंग स्टेशन इत्यादीबाबत सविस्तर चर्चा केली.

महाराष्ट्र शासनाचे माजी अपर मुख्य सचिव श्री. ए.के.जैन यांनी इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनचा पर्यावरणाशी असणारा संबंध, भविष्यातील वातावरणातील बदलाबाबतची परिस्थिती व या संदर्भातील आव्हाने व उपाययोजनांबाबत सविस्तर माहिती दिली.

महाराष्ट्र चेंबर ऑफ हौसिंग इंडस्ट्रीचे प्रतिनिधी श्री. सुरेश कुमार यांनी इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशन व MCHI ची भूमिका याबाबत माहिती दिली तसेच MCHI सातत्याने महाप्रितबरोबर संपर्क करून पुढील आवश्यक त्या उपाययोजना करेल असे आश्वासित केले.

महाप्रितचे व्यवस्थापकीय संचालक बिपीन श्रीमाळी यांनी महाप्रित स्थापनेमागचा उद्देश, महाप्रित अंतर्गत कार्यत व्हर्टीकल्स तसेच उर्जा लेखापरिक्षण, पर्यावरण, ग्रीन हायड्रोजन, बॅटरीज, कार्बन क्रेडीट, बायो सीएनजी, डाटा सेंटर अशा विविध नवीन तंत्रज्ञानाबाबत आणि सामाजिक दायित्वाच्या अनुषंगाने महाप्रित व म.फु.मा.वि. महामंडळ करत असलेल्या विविध योजना, प्रकल्प, संकल्प याबाबत सविस्तर माहिती दिली तसेच महाप्रित तर्फे सध्या हाती घेतलेले व प्रगतीपथावर असलेल्या प्रकल्पांबाबत सविस्तर माहिती दिली.

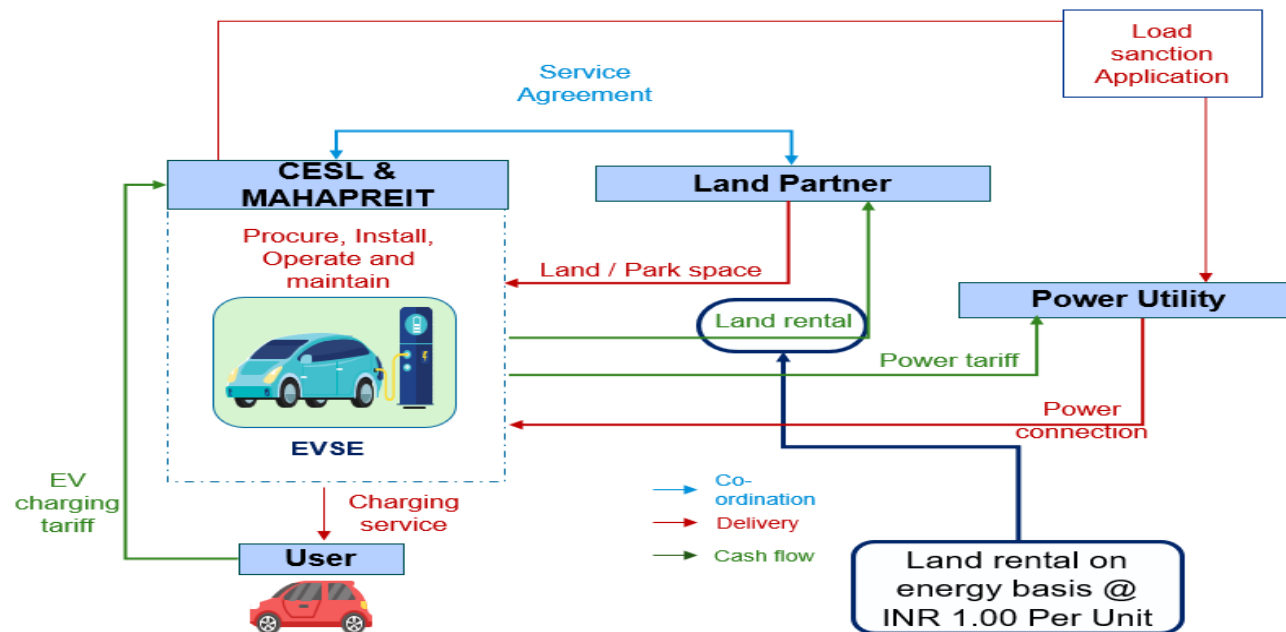
प्रश्नोत्तराच्या कार्यक्रमात उपस्थित विविध मान्यवर, अधिकारी / कर्मचारी यांनी विचारलेल्या प्रश्नांना तज्ञांमार्फत उत्तरे देण्यात आली.

कार्यक्रमाच्या समारोपीय भाषणात श्री. स्वाधीन क्षत्रिय यांनी संपूर्ण कार्यक्रमाबाबत त्यांची असणारी तज्ञ मते चर्चासत्रामध्ये मांडली. ज्यामध्ये इलेक्ट्रीक व्हेईकल चार्जिंग स्टेशनच्या अनुषंगाने सर्वच विभागांनी महाप्रितला सहकार्य करावे असेही आव्हान केले.



MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)

Business Model for EV Charging



Win-win value proposition for EV users

Unique mechanism of land leasing from local municipality



Demand aggregation enabling bulk procurement



Low cost financing used by CESL



Affordable PCS services for the end-consumers



LEED:
THE WAY TO A GREEN FUTURE WITH
SUSTAINABLE BUILDING DESIGN

NEAS - NAVYUG Energy Audit Scheme

Energy Conservation Building Code (ECBC)/ Energy Audit

- In line with Energy Conservation Act 2001, GoI has notified ECBC Rules. 2018 which is applicable to all commercial buildings having connected load of 100 kw or above or contract demand or 120 kVA or above

•MPBCDC Proposal

1. MPBCDC will train/upgrade skill to do Energy Audit and ECBC compliance audit, employment in all distt and metro areas of **MMR/Pune/Nagpur**.
2. **NEAS to generate employment for approx. 5,000 persons** having tech qualifications. **ECBC/Audit implementation by SC engg graduates/Diploma/ITI/registered under CMEGP or central/state schemes.**
3. Huge quantum of Energy will be saved by ECBC/Energy Audit/implementation will ADD revenues to state exchequer as well Energy saving by way of coal consumption and decarbonization.

महात्मा फुले नवीनीकरणीय ऊर्जा व पायाभूत प्राद्यौगीकी मर्यादित
(म. फु .मा. वि. म. ची उपकेपनी)



Setting up Green concrete RMC plants



India ready-mix concrete market is expected to register a CAGR of over 9% during the forecast period of 2020-25.

Facts at glance leading to increased RMC potential market

- ▶ FDI up to 100% allowed for settlements development and townships projects.
- ▶ housing for everyone through several initiatives, such as 'Housing for All by 2022', 'Affordable Housing', and 'Smart Cities', enabling construction of approx. 30 million houses, boost for the low-cost residential construction segment

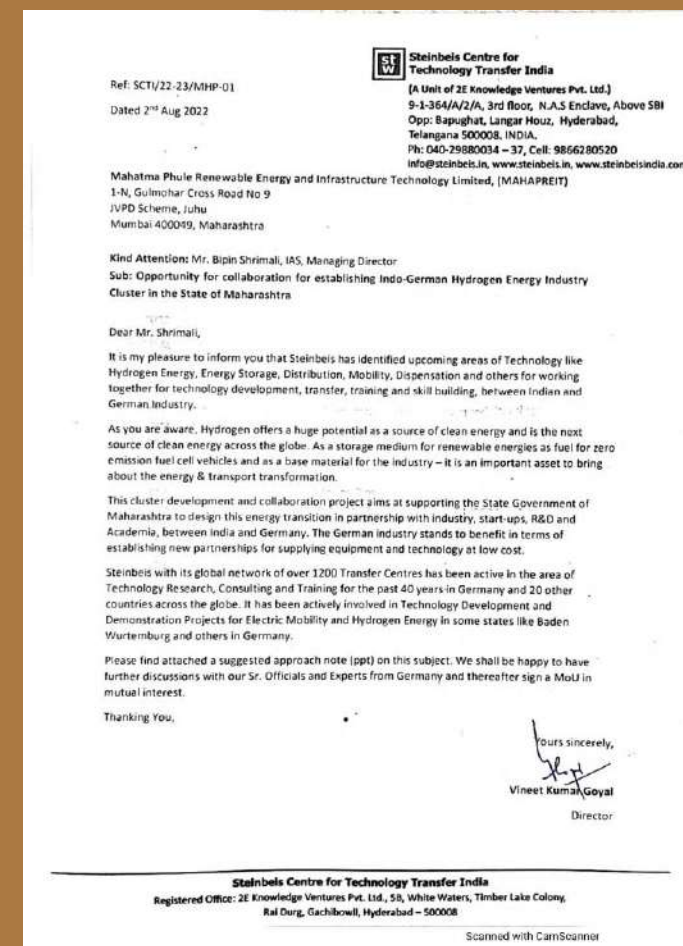
MAHAPREIT PROPOSAL

- ❖ To set up 6 RMC plant of approx. 5000 to 7500MT MT of specified RMC near 5 TPC of MSPGCL with utilities free of cost for SC categories group industries / Start ups.
- ❖ To have long term 5 to 7 years tie up with MSRDC/MHADA/MMRDA MPBCDC will devise bigger role as implementing agency and RMC manufacturer for SC categories



Green Hydrogen Initiative

1. 3 pilot projects under OPEX with VGF model of 1 MW size (approx. 66,000 KG Hydrogen production facility – EOI publication – Bid process under progress
2. One big size H₂ project of approx. 200 MW power to Mumbai city , HFCEV charging infrastructure and Industrial hydrogen manufacturing and supply is under conceptual study with CEA and BHEL nominees with study committee – approx. 12,000 cr Project to be completely funded by Green funding , No GoM funding only support is needed.
3. Green Hydrogen support cluster under consideration with German govt funding





Channel Partner Eol

(1) Knowledge Partners (KP)	(2) Capex Partners (CP)	(3) Target Partners (TP) (Navyug Beneficiaries)
<ul style="list-style-type: none"> Consultants/Promoters/ Individuals with domain expertise for setting up Start-up Accelerator Cells for SC/BC 	<ul style="list-style-type: none"> investment bankers/ Firms/ Developers/ NBFC (Regulated by RBI / SEBI)/Venture Capital 	<ul style="list-style-type: none"> Companies / Firms / partnership firms
<ul style="list-style-type: none"> Fintech firms and Fintech technology providers. 	<ul style="list-style-type: none"> Digital currency / Block chain 	<ul style="list-style-type: none"> Start ups and Entrepreneurs
<ul style="list-style-type: none"> Institutes of eminence/ Universities Foreign universities / IITs/IIMs/NITs 	<ul style="list-style-type: none"> Foundations and Endowment funds, CSR 	<ul style="list-style-type: none"> SHG/ Women groups
<ul style="list-style-type: none"> Laboratories in India as well abroad/testing centers/ Research institutes/Validating facilities 	<ul style="list-style-type: none"> FI/ External FI/ Banks/ Development banks 	<ul style="list-style-type: none"> Societies



CHANNEL PARTNER SCHEME – EOI

Type 4 - ETA with Future HDV (High Demand & Value) Growing business avenues .

1) IOT , AI-ML & Digital twin	5) Drones	9) E Learning
2) Sharing Economy	6) Robotics	10) Big Data & Quantum Computing.
3) Cyber security	7) Virtual Reality	11) 3 D Printing
4) Genomics	8) Nanotechnology	12) Block chain Technology

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Center for Management of Environment and Climate (CMEC)

1) The CMEC is Self-substantiable Growth Centre under MAHAPREIT

- a) Enrolment of eligible BC start-ups / entrepreneurs / eligible job aspirants are taken up by CMEC.
- b) Revenue generation projects to be identified based on industry requirement and mandates compliance of MOEF/ CPCB/MPCB
- c) Empanelment , Engagement and collaborating with agencies and / organizations/ companies in this field through EOI / Partnerships / MOU to support the activities under CMEC on revenue sharing model.

2) Scope and work profile :

- 1) CMEC to take up Environment Audit , study and system improvement works / projects in consultation MPCB and other statutory bodies
- 2) System Studies and audit works will be supported by MSKC (Mahapreit Start up Knowledge Centre) and system improvement works will be allocated to BC start ups / entrepreneurs.
- 3) CMEC Will take up EIA works of FI/BI and PMC like PwC, KPMG,SBI caps and Deloitte

3) ENCORE Committee _ Expert Nominees' committee on Climate Obligations and Regenerative Environment



Mumbai Mangrove Project Consultancy

1. The pilot project is sanctioned by Mangrove Foundation. The Project is focused on removal of Legacy Waste/Municipal Solid Waste at 13 locations in P North ward of Municipal Corporation of Greater Mumbai
2. The project includes-
 - Characterization and quantification of the MSW and C&D waste
 - Developing a plan for removal of legacy wastes from the mangrove habitats
 - Preventing future dumping of these wastes in the rehabilitated locations through establishment of Check post “chowkis” at strategic locations
3. It also involve engagement with the community and stakeholder to ensure the sustainability of these conservation initiatives



P-North Ward, Mumbai, Maharashtra



Mumbai Mangrove Project Consultancy (**Progress**)



In order to complete different stages expeditiously MAHAPREIT - ERAF has taken the following action:

- Organized meeting at the office of the Zonal DMC IV and followed by site visits. (3 No's)
- Appointing a team of consultants for Execution of the project.
- A network of officials (MCGM, Mangrove Cell, Mahapreit and ERAF) at the ward level has been set up for day-to-day coordination.
- To initiate excavation of Legacy waste, the soil and water samples were withdrawn from Lagoon road in order to identify toxic contaminants present, if any for safe disposal of legacy waste as per MSW Rules.
- MoU has signed between Mahapreit and Mangrove Foundation for Phase I Project.



Task Force - Center for Management of Environment and Climate (CMEC)

1	Mr A K Jain I.A.S. (retd) Former ACS Govt. of Maharashtra.	Chairman
2	Dr. Ajay Deshpande Member Compliance Review Panel, Asian Development Bank, Manila, & Former Expert Member, National Green Tribunal, India	Member
3	Dr Prasad Modak Environment Management Center Mumbai	Member
4	Dr. Krishna Lala, Senior Technical Advisor, ERAF	Member
5	Mrs. Poornima Gupta, Managing Director and Environmental Scientist, ERAF	Member
6	Mr. Virendra Jadhavrao Financial Advisor, MPBCDC	Member
7	Mr. Kollur Sharanappa – CGM (Env.) & Convenor, EnCORE	Member



MAHAPREIT DECARBONISATION INITIATIVE THROUGH WOMEN'S AFFILIATION AND DICCI

- 1) Dr.Vijay Satbirsingh (I.A.S. Retd) Former ACS to GoM and Former Member MAHARERA – Chairman
- 2) Ms. Mahua Acharya MD CESL , CPSU (Ministry Of Power) GoI
- 3) Mr Sunil Pote ED Ops MAHAPREIT
- 4) Mr Sunil Singhania Abacus Fin services
- 5) Mr Anand Chavade Former MD MITCON
- 6) Mr Rajesh Sundaresan Co-Founder & Managing Partner, Carbon Impact Capital. Singapore
- 7) Mr Pankaj Pande MD, EKI Energy Services Limited (EnKing International)
- 8) Rep from C-Quest Capital LLC (CQC) , Washington D.C., USA,

- a) The program aims to incentivize various decarbonation and carbon emission reduction activities and program implementation through active participation of women in individual capacity or groups of SHG, Societies and FPO .
- b) MAHA DIWA program will also take up works and activities relevant to for carbon credit (CC) transactions which will include generating , aggregation, selling , dealing and transacting with CC market and transaction advisory role.
- c) MAHAPREIT will maximize the benefit out of such activities and its incentives to SC and weaker sections women of state for their living standards and socio-economic status upliftment.

महात्मा फुले नवीनीकरणीय ऊर्जा व पायाभूत प्रादुर्गोकी मर्यादित
(म. फु .मा. वि. म. ची उपकंपनी)



INFRASTRUCTURE AND URBAN TRANSPORT PROJECTS DIVISION



- ❖ MAHAPREIT to venture in road and urban transport connectivity infrastructure projects through dedicated infra project division.
- ❖ the infrastructure projects division (IPD) shall sync with existing and new start-ups of backward class entrepreneurs for integrated or competence-based business acumen and access of opportunities.
- ❖ IPD will tie up with fi, tech and equity partners for project implementation.
- ❖ GOM is requested to declare MAHAPREIT as implementing agency for deposit works to all infra co.
- ❖ IPD will bid for NHAI and other state projects to have revenue stream and employment of BC beneficiaries .



Task force on Infrastructure Projects

Objective: to have access and presence of Backward class entrepreneurs with MAHAPREIT as major stake holder to infrastructure projects in full or part in highways and expressways , Urban connectivity and transport , Port connectivity ,marine sector and railways / metro rail projects etc involving infrastructure development at large.



- 1) Distressed projects from state and central agencies will be prioritized with specific timeline and resolution of issues delaying projects
- 2) Projects funding and feasible working models like BOT/BOOT/ SCO /PPP etc will be explored to have expertise and access to back class entrepreneurs .
- 3) Task force will act as an adviser and support to MAHAPREIT and will coordinate with GOM /GOI and concerned agencies .
- 4) **This will give a much-awaited boost to the backward class entrepreneurs and start-ups in major infra project where BC entrepreneurship and engagement is negligible .**



Task force on Infrastructure Projects

1	Shri K. P. Bakshi IAS (Retd.) Former Additional Chief Secretary (Home) Government of Maharashtra.	Chairman
2	Shri D. O. Tawde (Former Member, NHAI	Member
3	Shri Suresh Ramchandani, Former Joint MD MSRDC (PWD GoM)	Member
4	Chief Legal Advisor, MPBCDC	Member
5	Financial Advisor, MPBCDC	Member
6	Shri Subhash Nage CGM	Convenor



AFFORDABLE HOUSING PROJECTS

- ❖ MAHAPREIT proposes to explore Affordable Housing sector looking to huge opportunities for BC entrepreneurs in construction and material supply business
- ❖ The Affordable housing division will use New Technologies and standard of LEED, Green Concrete , Climate Change Concerns addressed and advance Building materials from bio waste and solid waste
- ❖ Mahapreit will tie up with leading academic institutes abroad as well in India for Tech Support and partnership as well JV with tech and equity partners to fund the projects including CBRI and BMPTC for advance building materials and technologies
- ❖ Mahapreit will explore projects of GoM as well MOUHA/central PSU/ NIUA to make available business and revenues to BC enterprisers in various working models



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Task Force on Affordable Housing - Members of the Task force :

- 1) Dr. Vijay Satbir Singh (IAS retd) – Former ACS GoM (Home/ Public Health) and Member MAHA RERA. (Maharashtra Real Estate Regulatory Authority)Mumbai.
- 2) Shri S S Zende (IAS retd) – Former VP & CEO MHADA
- 3) Dr. Jagan Shah - Resident Senior Fellow at IDFC Institute. A Former Senior Infrastructure Adviser in the UK Government (2019-21), and former Director of (NIUA)
- 4) Shri Dhaval Monani - Director of Affordable Housing at Anant National University , a consultant to the International Finance Corporation (IFC) on PPP and works with Affordable Housing and urbanisation initiative under CEMS ,ISB Hyd.
- 5) Shri Vijay kalampatil – Former IAS and Dir (Operations) Mahapreit.
- 6) Shri Ajay Saxena – PPP Expert on Project structure and funding at GoM & Advisor to National Infrastructure Investment Fund (Under Ministry of Finance , GoI)
- 7) Shri Suresh Ramchandani – Former Secretary PWD rank , Joint MD MSRDC
- 8) Shri Sanjay Pote – Executive Dir (Operations) MAHAPREIT expert on UNEP climate change issues., Shri S B Nage – PD Affordable Housing – Convenor
- 9) MCHI Representative
- 10) HUDCO Representative
- 11) Domain Experts from professional bodies like BMPTC, CBRI, NIUA,COA,MCHI, IIT, IDFC Institute ,UNIDO, and former executives from MoUHA, NHB, HUCDO, etc



Identified Affordable Housing projects

1. MHDC awarded projects
2. PMAY projects
3. Thane MC cluster development projects
4. Satellite Town ship projects under MOUHA schemes and convergence
5. GoI / Other state govt projects in other states
6. Delayed and Distressed projects of GoM various schemes and targets
7. Collaboration with state / GoI agencies having land parcels / Municipal corporations
8. Developing Review , monitoring and Green Funding mechanism under climate change funds



Agro-Processing Value Chain - Cluster Approach



- ❑ Agro-Processing is a set of technoeconomic activity carried out for conservation and handling of agriculture produce and to make it FOOD, FEED, FIBER, FUEL OR Industrial Raw Material.
- ❑ Primary and Secondary processing for agricultural produce will ensure the value addition to convert production into more income for farmers.
- ❑ It is proposed to develop the location specific Agro-Processing units in all districts of Maharashtra to tap full potential of Agro- processing The CFC will include the Aggregation/ Storage facility, Cleaning, Grading, Packing Machines along with the processing units such as Dal Mill, Flour Mill, Oil Mill, Chips making machines etc.
- ❑ Target beneficiaries will be from Scheduled Caste (SC)



Proposed Action Plan For APVC

- ❖ Identification of at least one cluster in each District for major crop.
- ❖ Identification of target beneficiaries and their organisations such as SHG, SHG- Federation, Farmers Group, Farmers Producer Organisations/ Companies at Taluka/ Cluster Level.
- ❖ Mobilization and Capacity Building of Target Groups in the identified cluster for respective crops/ products.
- ❖ Co-Ordination with various Govt./ Semi- Govt Agencies including Pvt. Organisations and NGO's working in the desired area of improvisation.
- ❖ To ensure convergence from various schemes and programmes of the Govt. and to prepare special project (DPR) for selected clusters.

State Level Govt Agencies For Convergence In APVC

- ❖ Revenue Department
- ❖ Agriculture Department (DSAO/ PD- ATMA)
- ❖ Social Justice Department
- ❖ Rural Development Department (MSRLM/ PRI/ DRDA)
- ❖ Marketing Department (MSAMB/APMC's)
- ❖ Animal Husbandry/ Dairy/ Fisheries Dept.
- ❖ Women and Child Development Department (MAVIM)
- ❖ Industries Department (MIDC- Textile Park, Agro-Food Park)



**MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE
TECHNOLOGY LIMITED, MUMBAI.
ANNUAL ACTION PLAN 2022-2023
VERTICAL – APVC**

Sr. no	Name of the Scheme	Target for 2022-23 Physical	Target for 2022-23 Financial (Rs in Crore)
1	PMFME(GOI) (36 Districts) (10 SHG's per District)	360 SHG's 7200 Women members	36
2	CFC for APVC (Taluka level) (Two talukas in each District) (36 districts*2)	72	72
3	CFC for APVC (District level) (5 Cr per district)	12 Districts	60
4	Formation of FPO/FPC	350 (Rs 15 lakhs per FPO)	52.5
5	Waste to Energy Projects (Biomass to CBG/CNG/Biofertilizers/Briquettes/ Pellets etc.)	34 Districts (One crore per district)	34
6	APVC (Dairy Projects)	34 (One Crore each)	34
7	APVC (Fisheries Projects)	34(One Crore each)	34
8	Training and Capacity building Program for Self- Employment (100 per District)	3600(Rs 5000 each)	1.8
9	Market Outlets for SHG/FPO (Taluka/ District/ Urban areas) (DRDA/MAVIM/BARTI/MSRLM)	36 (One per district)	36
10	IEC under MAHAPREIT/MPBCDC for Women Empowerment and Convergence (Taluka/ District level)	36 Districts + 354 Talukas 390 (Rs One lakh per camp)	3.9
Total			364.2

Scope of APVC in Maharashtra

- Dist wise Crop diversification including horticulture
- Plg for surplus agro produce available in each district for processing and marketing in urban areas.
- Sync with new lifestyle and urbanization, and Processed foods in demand in urban areas.
- Further Taluka level FPO/ SHG Federation can come together to form State Level origination.
- Location specific raw material to be considered to setup APVC at Cluster/ Taluka Level.
- Skilled manpower/ farmer identification in the area of APVC.
- Training and Capacity building for Agro Processing units in Rural Areas. (Farmers to Consumer – Value Chain)
- Agriculture Graduates/ Diploma holders in Agriculture/ Animal Husbandry/ Dairy/ Fisheries/ MBA Agri Business – Marketing may be engaged in APVC, to ensure backward and forward linkages.



Task force for Agro Processing and Value Chain (APVC)

Members

- 1) Dr. S K Goel IAS (Retd), Former ACS , Agriculture and Marketing, Govt of Maharashtra**
- 2) Dr. Vyankatrao Mayande Former Vice Chancellor, Dr. Panjabrao Deshmukh Krishi Vidhyapeeth , Akola**
- 3) Dr. Umakant Dangat ,IAS (Retd.), Former Commissioner, Agriculture, Maharashtra State**
- 4) Shri Subhash Lakhe, IAS (Retd.)**
- 5) Shri Keshav Kamble, Former Jt CEO , Khadi and Village Industries Commission , Govt. of India**
- 6) Dr. Bhagwanrao Kapase, Promoter of Group Farming and Expert Horticulturist**
- 7) Shri Ankush Chavan COO , MAHAPREIT**
- 8) Shri Ganesh Chaudhary . CGM WEC (Women Empowerment and Convergence) MAHAPREIT –
Convenor**

MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



महादीप (MAHADIEP)

महाप्रित जिल्हा एकात्मिक उद्योजकता कार्यक्रम

MAHAPREIT DISTRICT INTEGRATED ENTERPREURSHIP PROGRAM

महात्मा फुले नवीनीकरणीय ऊर्जा व पायाभूत प्रादुर्योगीकी मर्यादित
(म. फु .मा. वि. म. ची उपकंपनी)



MAHADIEP

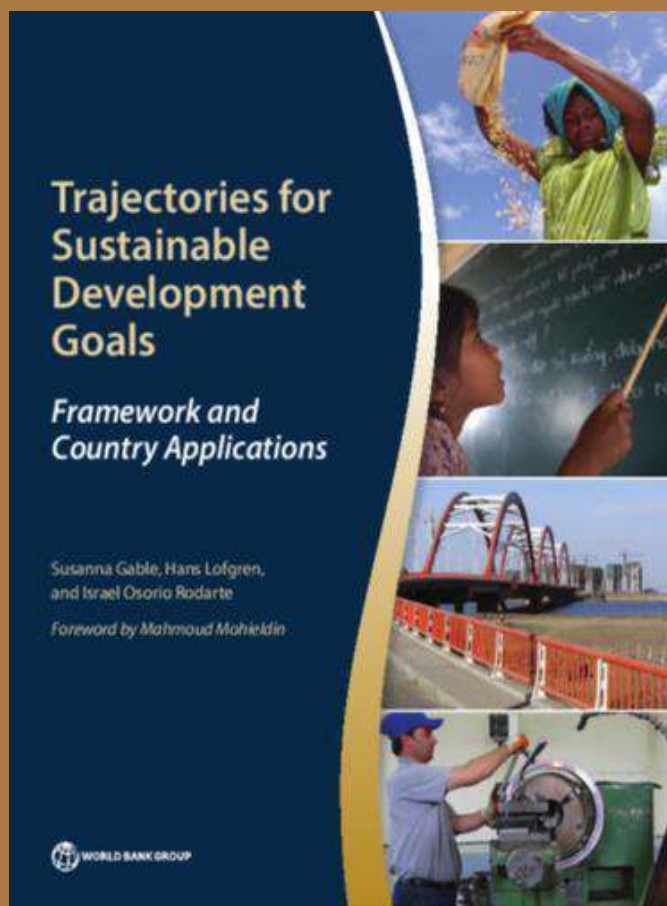
- ❖ Keeping these pragmatic development program design and framework parameters in mind, MAHAPREIT has planned District Specific Entrepreneurship Generation and Development program, to be called and referred as MAHA DIEP (महा दीप).
- ❖ Concept: Inclusive, Sustainable and local resource centric growth and development of the society and community is key to the overall development of state .
- ❖ At the same time, any isolated sectoral or lopsided growth create imbalance and not suitable for conducive, cohesive, vibrant and all-inclusive growing society.

Objectives:

- To identify projects befitting to local district climate, cropping patterns, Irrigation facilities, natural and human resources conducive to development and having large potential to create Employment and entrepreneurship , especially for weaker sections and SC community
- Women empowerment and enhancing their Income and livelihood
- One district , one crop program along with APVC of the agricultural produces pattern of district
- Welfare of SC beneficiaries of MPBCDC and Mahapreit through Employment and Self Employment having focus on inclusive development of the district .



MAHADIEP



Sr No	Sector	Projects suggested
1	Renewable Energy	Solar parks , Agri Solar pumps , EVCS, Small distributed solar projects , EV Fleet management services, RESCO Energy saving projects, STP and Water works solarization
2	Agriculture and Value chain	APVC, CBG and Bio waste to Energy projects, Cold chains, Fisheries and aqua culture projects, Water shed development, Projects under PoCRA, ODOP,
3	Environment and Climate Change	Waste to Energy Projects, Disaster mitigation, EAS and ESR projects of ULB , Compliance under MoEF and NGT mandates
4	Infrastructure	EWS and PMAY affordable housing, Road construction ancillary activities , Projects under GOM various Industry dept. policy , CMEGP, any Employment gen activities , Ind cluster development projects
5	Dist. Specific Projects	Tourism , Climate Change and Env issues related to districts , Drinking water solarization under JJM , ULB issues and concerns
6	AIGEP project	Projects under मोग वूळन पहा - Non-resident Maharashtrian Leverage (NRML), गाव माझ्या आठवणीत – Synchronising Urban resources to Rural needs (SUR), Swantah Sukhay Project (स्वान्तः सखाय प्रकल्प)



MAHAPREIT -MAHADIEP PRG REVIEW MEETING AT COLLECTOR OFFICE RATNAGIRI





INTERACTIVE MEETING WITH H.E.MINISTER (WATER AND ENERGY) FDR OF ETHIOPIA AT MAHAPREIT



Mahatma Phule Renewable Energy and Infrastructure Technology Limited
(A subsidiary of MPBCDC, Govt of Maharashtra Company)



MAHAPREIT GREEN FUND INVESTOR MEET

Date: 22nd August 2022 | Time: 10:00 – 18:00

Venue: J. W. Marriott Sahar, (T2 Terminal) Mumbai

INVITATION

MAHAPREIT, a 100% subsidiary of Mahatma Phule Backward Class Development Corporation Ltd (MPBCDC), Government of Maharashtra will be organising MAHAGIFM 2022 as a key platform to highlight and showcase various projects in need of Green funds and other kinds of Project financing. To create a roadmap for various development projects and infrastructure initiatives for social inclusion

Key Themes:



Renewable Energy (RE)



Electric Vehicle Charging Station (EVCS) & Green Hydrogen



Affordable Housing & Infrastructure Projects



Agro-Processing Value Chain (APVC) & Biofuels

Attendee Profile:

Development Finance organization

Policy makers

Banking / Financial Institutions / NBFCs

Venture Capitalists

Market experts / Consultants

Institutional investors

Law companies

Rating agencies

Academia / Institutions / Researcher

Contact:

For any further details, please contact:

Shri Dhiraj Terawakar
CFO - MAHAPREIT
MOB: 91-9867127598
Email: connectrb76@gmail.com.

Radhika Boddur
Asst. Director - Projects
Theistic Business Consultants
Mob.: 91-9867127598
Email: connectrb76@gmail.com

KEY PROJECTS List for Investors

1	Cold Storage Plant – Small Capacities for Farmers
2	Common Facility Center for Fish Farming
3	Central Milk Processing Unit
4	Central Agro Processing Center
5	Mini / Micro Agro Processing Center
6	Compressed Bio-Gas
7	Bio Mass Pellets
8	Pune Municipal Corp – 50MW Solar Project
9	Pune Municipal Corp – Energy Saving & Conservation Project
10	Pune Municipal Corp – Smart Command Control System
11	Smart Energy Meter Replacement
12	Last Mile Project – Social Integration
13	Fly Ash Utilisation – Brick manufacturing
14	Electronic Waste Recycling
15	Electric Vehicle Charging Station infrastructure
16	125 MW Solar Project – Sangli
17	Green Hydrogen Electrolyzer installation
18	Bio Gas Plant – Nashik
19	Compressed Bio Gas from Market Waste

Sr No	Potential Investor Companies List - MAHAGIFM 2022	Indian Renewable Energy Development Agency Limited (IREDA)
1	Cyril Amarchand Mangaldas	IndiGrid
2	Edelweiss Infra Yield Plus Fund	IndInfraTrust
3	ISquared Capital	InfraBlocks Capital
4	Kotak Investment Advisors	International Finance Corp (IFC)
5	PwC	JM Financial Ltd
6	SBI	KFW Development Bank
7	FineTrain	Khaitan & Co.
8	Aditya Birla Capital	Kotak Mahindra Bank
9	APAC Financial Services Private Limited	LCM Singapore
10	Ashika Group	Maharashtra Gramin Bank
11	Aurum Equity Partners	Mahindra & Mahindra Financial Services Limited (MMFSL)
12	Axis Bank	Mavuca Capital Advisors Private Limited
13	Ayana Renewable	National Bank for Agriculture & Rural Development (NABARD)
14	Bank of Baroda	National Housing Bank (NHB)
15	Brookfield Advisors India Private Ltd.	National Investment & Infrastructure Fund (NIIF)
16	Centrum Capital	National Scheduled Castes Finance and Development Corporation (NSFC)
17	CPPIB	New Development Bank
18	Cube Highways and Transportation	New Development Bank (NDB)
19	Dalit Indian Chamber of Commerce and Industry (DICC)	Northern Arc Capital
20	Dalmia Bharat Group	Omni Bridgeway
21	Energy Efficiency Services Limited (EESL)	OTPC
22	Essar Group	Power Finance Corporation Ltd.
23	Everstone Capital	PTC India Financial Services
24	Export Credit Guarantee Corp of India (ECGC)	PwC
25	Export Import Bank of India	ROADIS
26	Fitch Rating - India	Samvad Partners
27	FTI Consulting	Sayakin Services Pvt. Ltd
28	GIZ	SBI
29	Global Infrastructure Partners	SBM Bank (India)
30	HDFC	Shriram City Union Finance
31	HDFC Bank	Small Industries Development Bank of India (SIDBI)
32	HDFC Bank Ltd	Social Justice & Special Assistance Dept (SKV), Govt of Maharashtra
33	Hero Fin Corp	SREI
34	Hinduja Renewables	State Bank of India
35	Housing & Urban Development Corp Ltd (HUDCO)	Trilegal



MOU with Indo British Business Forum for Renewable Energy and Infrastructure projects.

Tuesday, August 2, 2022

MAHAPREIT and Indo British Business Forum enters MOU for Renewable Energy and Infrastructure projects



(Standard Post, Bureau)

Mumbai, Aug 1 : Mahatma Phule Renewable Energy and Infrastructure Technology Limited (MAHAPREIT), a wholly owned subsidiary of MPBCDC, Govt of Maharashtra PSU and Indo British Business Forum (IBBF) entered into MOU for Renewable Energy and Infrastructure projects. IBBF is an organization aiming to strengthen trade and business relations between the UK and India, attract investments and boost small and medium enterprises (SMEs) especially with the support funding of UK government and its agencies with updated, emerging

technology supply and knowledge partnerships. It is aimed to encourage, nurture and promote bilateral business, mutual understanding, and friendly relationship between industrial, service, and business communities of India and UK. IBBF and MAHAPREIT intends to have collaboration in upcoming and ongoing projects of later in the fields of Solar power projects, Green Hydrogen and EV charging stations, EV bus supply, Software technology park and Data center, Express way construction and Affordable housing. Bipin Shirmali, MD, MAHAPREIT mentioned that the MOU will enable the company to

raise low cost finance with British technology for its Data Center project, Solar projects for Agriculture feeder Electricity supply to the tune of proposed 2000 MW projects in the state of Maharashtra, ongoing Energy saving and RE transformation projects with Municipal corporations, Smart Electricity meters, and Agriculture Based Value chain projects of Green coal, Bio Fuels and value added products. Ms. Kavita Sharma CEO, IBBF conveyed to sign specific project funding MOU during MAHAPREIT's proposed Green Fund Investors Meet (GFIM) on 22nd August in Mumbai.

‘महाप्रित’चा इंडो ब्रिटीश बिझनेस फोरमसोबत सामंजस्य करार



मुंबई : महाप्रित कंपनीने इंडो ब्रिटीश बिझनेस फोरम यांच्याबरोबर नुकताच सामंजस्य करार केला. याप्रसंगी 'महाप्रित'चे व्यवस्थापकीय संचालक बिपीन श्रीमाली, इंडो ब्रिटीश बिझनेस

फोरमच्या मुख्य कार्यकारी अधिकारी कविता शर्मा व महाप्रितचे संबंधित वरिष्ठ अधिकारी उपस्थित होते.

या कराराद्वारे महाप्रितच्या अपारंपारिक ऊर्जा प्रकल्प, पर्यावरण संरक्षण, ऊर्जा बचत व संवर्धन, कृषी प्रक्रिया, रस्ते प्रकल्प, हायड्रोजन प्रकल्प, उदयोन्मुख तंत्रज्ञान प्रकल्प आणि सर्वांगीण विकास प्रकल्पांना इंडो ब्रिटीश बिझनेस फोरमचे आर्थिक आणि धोरणात्मक सहकार्य मिळेल.

तसेच ब्रिटीश सरकारद्वारे सुद्धा आर्थिक सहाय्य तसेच आवश्यक संसाधने पुरविण्यात येतील.

- 1) IBBF aiming to strengthen trade and business relations between the UK and India, attract investments and boost small and medium enterprises (SMEs) especially with the support funding of UK government and its agencies
- 2) IBBF and MAHAPREIT intends to have collaboration in upcoming and ongoing projects of later in the fields of Solar power projects, Green Hydrogen and EV charging stations, EV bus supply, Software technology park and Data center, Express way construction and Affordable housing.
- 3) CEO, IBBF conveyed to sign specific project funding MOU during MAHAPREIT's proposed Green Fund Investors Meet (GFIM) on 22nd August in Mumbai.



MAHAPREIT on going Projects

1. Sangli 150 MW Solar Power project
2. Pune Muni Corporation RESCO, STP, Command Control center and 50 MW SPP
3. Ratnagiri Solar- Agri pumps and Drinking water project
4. Mumbai mangroves P north ward study project with BMC and Mangroves cell
5. Nashik Municipal Corp Godavari river Pollution study and corrective action project
6. Green Pellets Projects
7. Green hydrogen 1 MW pilot projects
8. Improved cook stove distribution program under DICCI program in all district of Maharashtra
9. 134 EVCS in MMR – 67 under progress with BECIL
10. Green Funds Investor Meet

Support required from GoM

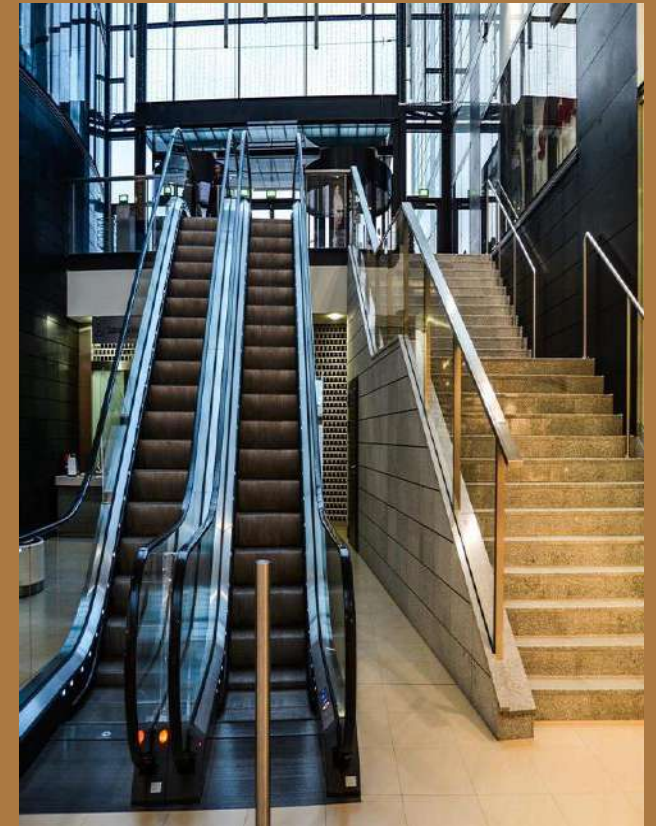
1. GR for G2G Nomination /deposit works from concerned dept of GoI and GoM and its agencies (proposal pending with dept.)
2. Equity funding from parent dept if required and comfort letters
3. Declaring SNA for Renewable Energy like Rajasthan (Proposal with SJE dept.)
4. Delayed and distressed project allocation on deposit works basis in infrastructure projects /NHAI projects – state recommendation



Corporate Community Development

MMR 25 – CCD Elevator Project

- 25 heavy traffic junctions like Haji Ali junction , Bandra Flyover junction near MHADA , railway/railroad stations etc will be provided with Escalators thr Plg authorities. .
- The Escalators with CCD funds for Capex and O & M from crowdfunding or CSR.
- The Project will be executed by Backward class Start ups / entrepreneurs thereby giving them access to such works and O &M will be done by SC / BC entrepreneurs
- MAHAPREIT will execute the projects in SPV by undertaking OPEN ACCESS Solar project as per relevant regulations for electricity supply to all Escalators
- This will generate employment , Success to such projects to target class of beneficiaries and address climate Changes Concerns.





Conversion of Ambulances to EV Project

- ⌚ Due to high fuel cost and carbon emission / noise pollution , Ambulances are most vulnerable section of Vehicular traffic, requiring EV conversion
- ⌚ Since Ambulances transfers patients . It requires less noise, excellent air conditioning and Emergency elect supply for medical equipment.
- ⌚ Approx. 500 ambulances from select list / stake holders / hospitals / NGO will be selected for EV conversion in first phase in consultation with TC office , GoM .
- ⌚ It will be funded under CCD for capex and Free of cost replacement will be taken up subject to terms under RESCO model scheme and FI.
- ⌚ The project will be executed by SC/BC beneficiaries, O&M also to be done by them ,thereby generating employment and income.

Corporate Community Development





MAHA TMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY LIMITED

(A subsidiary of MPBCDC, Govt of Maharashtra Company)

MAHAPREIT ECO SUPPORT COUNCIL (MESCO)

महाप्रित इको सपोर्ट कौन्सिल(मेस्को)

**महात्मा फुले नवीनीकरणीय ऊर्जा व पायाभूत प्राद्यौगीकी मर्यादित
(म. फु .मा. वि. म. ची उपकंपनी)**



Alternative, Innovative Gen of Employment Program (AIGEP)



❖ **AIGEP** is platform for development and correlating new ideas of associating , and collaborating society at large by connecting all dots and capabilities available in Maharashtra and even in **Brihan Maharashtra meaning other states and ABROAD** desiring to do for the better cause of state of Maharashtra in general and for SC beneficiaries in particular .

- ❖ The AIGEP program is aimed to synchronise **all financial or any other resources that can be made available though CSR, crowd funding using various FINTECH platforms or leveraging capabilities of greater Maharashtra**
- ❖ This will enable to create hundreds of **new job opportunities in various fields and projects** as envisioned by Mahapreit under its various vertical for the benefit of SC beneficiaries.



मागे वळून पहा - Non-resident Maharashtra Leverage (NRML)

1. The Theme - **to connect the NRI Maharashtra Community who have immigrated to USA/ UK and many such countries** .
2. Such families are many times or in most of the cases have far better living style and prosperity and, they desire from within to support and help their villages particularly in **creating infrastructure facilities like roads, school rooms, electrifying and upkeep of schools and hospitals , bus stops, drinking water works and ESR and many such facilities**
3. it is matter of initiative and to look for opportunity to use such schemes for creating or upkeeping or upgrading such rural infrastructure /utilities or its O&M expenditure from such NRI and create a pool of funds from such resources



मागे वळून पहा - Non-resident Maharashtra Leverage (NRML)

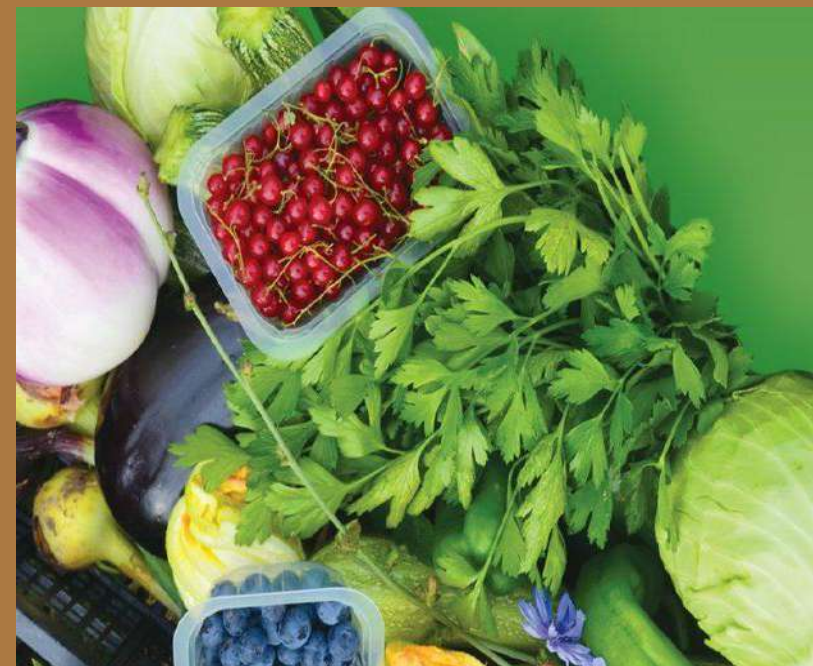
5. Rules and procedure may be worked out which will be common **for all such resource planning and implementation of such schemes**. The important and vital face of this scheme will be it will **create / upgrade /allow to upkeep rural infrastructure without or with matching grants form GOI/GoM where people's contribution is required** .
6. **Sometimes if 10% such contribution is available 90% grants are available, but such funds become idle if 10% project cost is not available** .
7. The second most important flag of the scheme swill be the projects/ works under these schemes will be undertaken by SC beneficiaries so employment and income generation program will be taken from such funds and SC community /class beneficiaries will be connected to such worthy donors which can fetch them interaction with them and may get some opportunity at aboard also.



AIGEP- APFARM – Agroclub of Progressive Farmers and Allied Resources in Maharashtra

Concept

- ❑ Leveraging and collaborating with progressive farming community of Maharashtra, mainly who are farming s commercial or business activity
- ❑ Some time progressive farmers are big business leaders in their domain expertise fields like advocates, educationist, doctors, bureaucrats, non-officials etc.
- ❑ Commercial , contract , cooperative and Group farming can be adopted for Small and marginal farmers collaboration with progressive farmers.
- ❑ Part of APVC vertical



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AIGEP- APFARM – Agroclub of Progressive Farmers and Allied Resources in Maharashtra



Platform SPV:

- ❖ District level Agro clubs and Federation of District club in state level organization
- ❖ Enrollment of Progressive Farmers groups/ Organizations
- ❖ Resource leverage planning and utilization of Agro Knowledge and domain expertise
- ❖ Agronomy, Agro IOT and Agro Processing to be linked by common facility centers
- ❖ Data sharing of Agro based commercial activities to enhance SC/Weaker sections income and employment levels
- ❖ Engaging Progressive farmers clubs with weaker sections of society
- ❖ Financing Agro projects through APFSRM funds – Dedicated fund for SC/ MPBCDC beneficiaries while knowledge from APVC Experts or Progressive Farmers



MA SMRUTI- MAHILA ABHIVRUDDHI SOCIETY OF MAHARASHTRA THROUGH TECHNO-SOCIAL INITIATIVE



1. Concept: Women Empowerment (*Mahila Sashaktikaran*) is crucial and most important in any development economics model and platform
2. No civil society can prosper or have inclusive growth without attainment of Women empowerment.
3. Women groups play a decisive, pivotal role in development process and by recognizing their importance to key managerial roles and leadership, any development program can be more secured and success.

Women individually or groups can prove to lead the development programs and drive through with efficiency , economy and may attain more respect if given free hand and management of any program



MA SMRUTI- MAHILA ABHIVRUDDHI SOCIETY OF MAHARASHTRA THROUGH TECHNO-SOCIAL INITIATIVE



Platform

- ❖ MAHAPREIT'S WEC vertical will have separate sub vertical of MAHILA ABHIVRUDDHI SOCIETY OF MAHARASHTRA (MA SMRUTI)
- ❖ It will be horizontal convergence program aimed at Women's empowerment of GOM and GOI schemes
- ❖ Corporate and Industry entrepreneurship prg will be taken up for SC / weaker section women and to give them forward / backward linkages of KP/CP
- ❖ All sections and walk of life involving women as participant /owners/ collaborator/ aggregators / service sector or manufacturing sector with or without Value addition as ingredient will be tried to engage with the MAS.

- ❖ Women organizations, institutes, professional bodies, academic institutes, SPV for women empowerment, sectoral lead organizations , SHG, FPC, FPO, Co op societies, Clusters, Agro processing and Value addition units, Group farming, Tax and accounts/legal advisories, Transaction advisories, Joint venture, consortiums, venture capital funding and projects funding exclusive for women groups will be taken up a spart of this initiate.
- ❖ Creating harmony, synergy, collaboration and leverages within women groups and bodies will be supported.



Equity in harvesting benefits



- ❖ Geographical and specified area considerations for specific purpose
- ❖ Weaker section/SC may contribute a lot in terms of revenue generation and allied benefits in return to such initiatives
- ❖ Less urbanized approach may reduce pressure on urban infrastructure
- ❖ Focused economic development of weaker sections /SC community
- ❖ Approach to bring weaker section into mainstream more effectively .



Contribution to Society , Community and Govt of Maharashtra

- ❖ Increased Growth and development of Weaker section will result in harmonious society
- ❖ Wealth Creation will lead to self sufficiency and sense of pride in weaker sections
- ❖ Confident middle class
- ❖ Social Justice and empowerment could be made exemplary model of constitutional equity – Achieving ultimate dreams of Dr B R Ambedkar and Mahatma Phule.



आभार

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