

April 2019



First & Foremost

Letter from the Chairman



Dear Friends,

Please join me in congratulating Mr. U.P.S. Madan who has just been appointed as Chief Secretary of the Government of Maharashtra. Our hearty congratulations to Mr. Madan and we wish him a happy and successful tenure. We have been very fortunate to have the advice and support of Mr. Madan over the last several years in pursuing our agenda of the Mumbai Transformation Program and we look forward to his continued support.

I was particularly delighted and encouraged to see in the joint statement issued at the EU-India Brussels Summit last year which was attended by our Hon'ble Prime Minister and also the Presidents of the European Council and the European Commission. A joint statement issued following the leaders deliberations, specifically welcomed EU-India Co-operation on Urban Development and acknowledged the work done in Mumbai jointly by the European Union and Mumbai First. It was agreed to build on this further. Continuing our close co-operation, we organized a two-day event on 25th and 26th March, dealing with Sustainable Urbanization Planning.

The highlight of the event was a presentation made by Mr. Sanjay Bhatia, Chairman of Mumbai Port Trust, outlining his ideas for the development of the surplus port trust land for the benefit of the city. For some years, we have been strongly advocating the need to make available the surplus port trust land for the use of the city and we are delighted to see that this is now likely to happen. We hope the emphasis of the development will be to create green spaces so lacking in the city.

We were also delighted to welcome Pedro Ortiz, a Senior Urban Planner and a former Mayor of Madrid. Pedro shared his views through a very interesting presentation proposing the idea of a "Saraswati Valley" in a new area that can host industries and create more jobs. "The city is under a lot of pressure. Its problems have to be solved outside Mumbai" and he emphasized on East-west expansion for overall urban development and consolidating Mumbai's financial importance. Currently, Mumbai has a north-south parallel line structure that needs to be addressed. He emphasized that the goal for Mumbai should be to become the Capital of the Indian Ocean. According to Pedro, Mumbai needs 14 sq.km of service land every year to meet its increasing growth and avoid slum encroachment.

Moving forward, two more such brain events will be organized in two metro cities in the coming months. Our Environmental Mission has been active and organized two events. The Bas Kar Mumbaikar campaign was launched to encourage school going children to quit the habit of littering. This year long campaign was kicked off in 43 MCGM schools with a poster making competition on the topic of Anti-Littering. These children also took a pledge to stop littering as well as encourage others around them to do the same. Following our event, "Championing Cleaner Air & Cleaner Skies" to tackle the problem of air pollution,

we held a follow-up event “Championing Smart & Liveable Infra Solutions.” Our panel of experts' discussions focussed on ways and means to implement and de-congest the policy lock-jam with the intent to adopt sustainable and way forward methodologies.

Under our mission on Governance, we held a panel discussion on Judicial Pendency, challenges surrounding it and its possible solutions. Our panel included Ex-Chief Justices and prominent lawyers from the supreme and high courts, amongst other experts in the field.

Our Education Mission has been re-activated and a Core Committee has been formed. The committee members include experts in the field of education and they are developing a time bound program to carry forward our agenda. We also recently had a meeting with the Hon'ble Minister of Education – Mr. Vinod Tawde and briefed him on the objectives of our mission and we were glad to have his full support.

Our Transport and Mobility Mission had a meeting with the Joint Commissioner of Traffic and we are happy to have his support in the work of our transformation which could help regulate traffic in Mumbai.

We are happy to share with you a few of our recent activities. We will be glad to have your comments and your thoughts on any specific area that you would like us to take up.

Meanwhile, with kind regards,

Narinder Nayar
Chairman, Mumbai First



CEO Speaks



“Ask not what your Mumbai can do for you, but what you can do for your Mumbai”

Sustainable development is the need of the hour. In the 2002 World Summit on Sustainable Development, it was unanimously agreed that “Public – private partnership models are a critical component for sustainable development. “ PPP models directly combat problems in models like unclear responsibilities, poor alignment with strategy and insufficient optimization of project features. Thus, it's no surprise that there is a renewed interest in public-private partnership projects, where businesses supplement public investment in return for eventual but evident returns.

So how does a PPP model work? With a common goal in mind, the public and the private sector bring on board their experiences and strengths resulting in the accomplishment of mutual objectives. In the face of an ever increasing population, greater expectations, demands from society and budgetary constraints, the government of India and Maharashtra, is facing an increasing amount of pressure to deliver new and improved infrastructure projects from transport, education (schools and universities); healthcare, waste management etc. to deliver such large projects the government alone lacks the technical as well as, in some cases, financial support

Mumbai First is arguably the best example of a PPP. We aim to provide a forum for discussion and debate by arranging programs of lectures, seminars, workshops, conferences and other discussions. We are a policy-influencing think tank and therefore, solutions arrived at in these discussions are put before the government to create or change policies to better the vast city of Mumbai.

In our goal to make all of Mumbai the best version of itself, we work in a varied fields that include education and sports, health, housing, art, culture and heritage, environment, financial and economic growth, transport and mobility, security and disaster management and of course, governance. Apart from influencing policy, we also have in place, Mumbaigiri, which aims to promote the idea of “gandhigiri,” by encouraging people to think “What can I do for Mumbai?”

Since our inception, Mumbai First has been incredibly lucky to have the support of many corporates, NGOs and governments, and each new addition to our extended family has allowed us to have a far greater and continually better impact on our beloved city.

A Mumbai First enters its 24th year of operation, we are extremely grateful for all the support thus far. Going forward, we look forward to leaping over higher hurdles to meet our goal of making Mumbai not just better, but the best place to work, live and invest in.

Dr. Neville A Mehta

CEO, Mumbai First

Mumbai First Events

Mumbai 2.0:

Mumbai First was the associate knowledge partner for Mumbai 2.0 which is the successor of Mumbai Next organized by Mumbai First in association with Government of Maharashtra. Mumbai 2.0 brought together Public and Private sector influencers of India and of course the Mumbai Metropolitan Region for an independent, time-bound and outcome oriented conference, aimed at arriving at action points for the next five years, to benefit Mumbai and its residents.

Event started with Mr Nitin Gadkari talk on the development of the Mumbai Port Trust and the Eastern Waterfront. Mr. Suresh Prabhu spoke about how countries like Singapore and China have focused on city-led growth in the past and its replication in India with Mumbai as growth center. There were 3 panel discussion based on How We Grow moderated by Mr. Amitabh Kant(CEO Niti Aayog), How We Earn moderated by Uday Kotak (MD & CEO of Kotak Mahindra Bank), How We Live moderated by Ronnie Screwvala (Founder UTV Group).

The event was concluded with interactive discussion between Maharashtra CM Devendra Fadnavis and Mr. Shahrukh Khan



Bas Kar Mumbaikar - A No Litter Campaign

Mumbai First along with Clean Mumbai Foundation, Swachh Mumbai Abhiyaan District Rotary Clubs 3141, Rotaract Club district 3141, Lions Club International and Project Mumbai launched a yearlong Anti-Litter Campaign called “BAS KAR MUMBAIKAR!!!” This has been conducted along with Education Department Committee, MCGM.

The objective of this campaign is to create awareness against littering and bring about a behavioral change in the citizens of Mumbai. Through the monthly activities for this campaign, we'll be touching various subjects of concern like No-littering, Anti-spitting and Management of E-waste etc.

The event was inaugurated by the honorable Mayor Shri Vishvanath Mahadeshwar and also present at the event were, Dy. Mayor Smt. Hemani Worlikar (Councilor of G-South Ward), Shri Mahesh Palkar, Mumbai Education Officer (DEO) and Shri Mangesh Satamkar, Head of the Education Committee, MCGM.

The campaign was kicked off on 30th January 2019 with the MCGM Educational Department. A follow up event was launched on 1st March 2019. This was a unique campaign as it was conducted in 43 MCGM Schools of G South Ward at the same time & on the same day.

From MCGM WORLI SEAFACE HIGH SCHOOL alone, we had the participation of 300 students who participated by;

- Creating posters on the No Litter Campaign and were taken outside the school pavement for public display on the Worli Seaface where thousands of commuters pass by.
- A pledge was taken by the students and dignitaries present to keep Mumbai clean



The Pledge

I pledge not to litter my surroundings and keep my home, office and public places, free of litter.

I pledge to care for my community, my environment and my country and educate my family and friends not to litter.

I pledge to actively supporting the “Swachh Bharat Abhiyan” and keep my country litter free.



- The Dy. Mayor Smt. Hemani Worlikar (Councillor of G-South Ward) distributed prizes for the three best posters of MCGM WORLISEAFACE HIGH SCHOOL.

Following the event, we realized that the Bas Kar Mumbaikar project could have a much larger impact by also taking the effort to set up much needed infrastructure in schools.

Way forward:

- Interschool play competitions with a provided theme could be something Bas Kar Mumbaikar initiates to incite interest in topics of concern.
- Bas Kar Mumbaikar will look towards improving the infrastructure in municipal schools. To begin with, the focus will be on toilets. The focus will be to clean the toilets one time and then monitor the schools to ensure that the toilets are kept clean. This monitoring can be done with the help of parents or



volunteers from organizations. As a proof of concept, a pilot study involving 2 schools from every ward will be selected, toilets cleaned and then monitored. The data from the monitoring will be presented to the government (MCGM) by Mumbai First.



Pseudo Stifling: Mumbai & Mumbaikars – Championing Cleaner Air & Clearer Skies

“Championing Smart & Livable Infra Solutions”

The Construction sector is one of the largest contributors to economic activity, after the agriculture sector, in India. With increasing construction activities, many cities in India are facing poor air quality. National Clean Air Program has been initiated with the aim to meet the prescribed ambient air quality standards at all locations in the country. NCAP addresses the issue of management of dust arising roads as well as construction sites. It mainly suggests Control of dust from construction activities using enclosures, fogging machines, and barriers - stringent implementation.

Mumbai is developing at a breakneck speed and rightfully so, but yet again the resilience of Mumbaikars is being tested with the **decrease in the immediate air quality** due to the **implication linearity of the construction industry** along with the **myopic vision of the policy makers**.

Taking forward our “Championing for Cleaner Air & Clearer Skies” organized on Nov 5, 2018 which discussed three themes

- i **Public & Private Infrastructure Development**
- ii **Vehicular Emissions**
- iii **Informal garbage disposal & Health hazards**



As a result we are now focusing on each of these major contributors to the brightly burning issue of Air Pollution in the MMR.



The Event:

The panel discussions focused on ways and means to implement and de-congest the policy lock-jam with the intent to adopt sustainable and way forward methodologies encompassing the themes :

- i **Policy profiling of the existing framework : Matching policy gaps with close ended alternatives.**
- ii **Is circularity the solution?? : Industrial shift from linear to circular economy**

Special Address were given by **Shri Shudhir Shrivastava** (Chairman MPCB) **Dr V. M. Motghare** (Joint Director Air MPCB) **Shri Praful Jadhav** (Executive Engineer, SWM, Zone VI MCGM), **Dr Binish Desai** (Waste Warrior & Recycle Man of India), **Prof Rohit Shinkre** (Principal In Charge, Academy of

“Championing Smart & Livable Infra Solutions”

Architecture-UA), **Mr Udaybhaskar Gullapalli** (Sr. Vice President Environment, RIL)

Solutions discussed:

To implement and align new urban policies like Smart Cities Mission and AMRUT with SDG's and India's INDC.

- Our panel “Policy profiling of the existing framework” advocated the fact that within the system there are provisions for obtaining C & D NOC including “Debris on Call”, “Dispose by self” and “Consume In-situ” depending on the quantity of C & D waste generated on a dedicated online portal.
- Our panel “Is circularity the solution?” created a dynamic dialogue between forward thinking implementers, alternate solution providers providing innovative construction & demolition waste management solutions. Their solution was to step away from the linear approach known as the take-make-use-dispose mode into the circular economy in which economic growth is decoupled from resource consumption and instead assets are designed to be more durable, and to be repaired, refurbished, and disassembled.



Way forwards:

- A docket will be following the panel discussion summarizing the event, presenting best practices, policy suggestions and emerging recommendations.
- The upcoming thematic panel discussion “Championing Smart & Sustainable Mobility in MMR” will be held on 29th May, 2019. The micro topics being :

- 1) Policy profiling of the existing framework : Matching policy gaps with close ended alternatives
- 2) Adapting Mobility as a Service (MaaS) : Behavioral change towards shared transport
- 3) Environment enhancing multi modal transport : Adopting FAME II

In addition to the thematic panel discussions an action oriented environmental ground force will be initiated in order to generate stakeholder-ship among citizens and corporates at a neighborhood level involving citizen groups like Malabar Hill Citizens Forum, Breach Candy Welfare Group, Peddar Road Association and Worli Hill Association etc. As a conclusion to the same an Environment Neighborhood Charter will be tabled among all citizen action groups and a yearly event will be held showcasing the best practices adopted.



Judicial Pendency

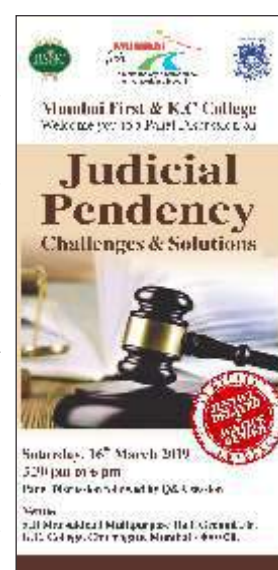
Challenges & Solutions.

Mumbai First in collaboration with K.C. College has taken the lead and invited some of the most prominent judges, lawyers, urban thinkers and citizens from Mumbai to contribute via a panel discussion to the problem of Judicial Pendency in India. This Panel discussion was conducted from 4:00PM to 6:00PM on Saturday, the 16th of March, 2019 in K.C. College.

Our panel of experts included, **Justice B.N. Srikrishna** (Former Judge, Supreme Court), **Justice Vijay C Daga** (Former Judge, Bombay High Court), **Justice Roshan Dalvi** (Former Judge, Bombay High Court), **Justice J.H. Bhatia** (Former Judge, Bombay High Court), **Mr. Firoze Andhyarujina** (Senior Advocate, Supreme Court), **Mr. Anil Harish** (Partner, D.M. Harish & Co.), **Mr. Sanjay Asher** (Senior Partner, Crawford Bayley & Co.) and **Mr. Shailesh Gandhi** (Former Central Information Commissioner).

Solutions Discussed:

- A staggering 20-40% of courts have vacancies for judges. Just filling in those vacancies will ensure that more cases are processed.
- Ensuring that time frames are set and abided by in all cases that are brought to the court.
- To encourage a more evidence based judicial process (i.e. no evidence, no case), to ensure that the time of the judges are used effectively.
- To ensure that the legislature only makes those laws for which it has quality laboratories for evidence analysis and the courtroom space.
- To ensure that the high quality of our judges is not compromised for any reason. One way to do this, is to provide them with mandatory formal training.
- To plan the replacement of judges at least a year in advance (which should not be difficult as all judges have a fixed age at which they have to resign).
- The introduction of e-courts could be beneficial as well to ensure that pleadings are filed online, a fixed amount of time is given for judges to deliberate and the reply is given electronically as well. This will prove beneficial to the rural population.
- Encouraging the citizens to stay out of the courts until absolutely necessary. Instead, they should consider mediation, arbitration or approaching tribunals.





- Just like every company has a human resource department that handles internal management, the judges and judicial system need to have a HRD as well to handle all backhand work that is currently being done by the judges themselves.
- Dealing with new cases is just as important as dealing with the older ones so the short deliberation time leads to a discouragement for people filing frivolous lawsuits.
- The role of local social organizations should not be ignored. The trust that the people of the region have in these local social organizations make them key stakeholders.
- We need to make simple laws so that the people are able to understand them thoroughly which will lead to lesser infractions and eventually, fewer new cases in court.

In conclusion, the panel agreed that there is no will to make changes to reduce judicial pendency on the part of the government. By setting aside a budget to build a few more courtrooms and fill all vacancies, this problem could easily be tackled.

The Panel discussion was followed by a question and answer session with the audience that housed lawyers and law students, company executives, litigants and concerned citizens. Questions were raised about the possibility of reducing the cost of arbitration, the practicality of imposing time limits of cases, the possible actions against those who file frivolous cases, some aspects of the American system of paying lawyers, etc.

Going forward, with all the above mentioned possible solutions to mitigate Judicial Pendency, Mumbai First will present to the right government officials, the above mentioned points in the form of a citizens' charter to encourage them to take the necessary steps for mitigation.

Mumbai First Initiatives

Setting up of the Core Committee for Mumbai First Education Mission.



Aligning with the challenges & need for coordination, Mumbai First has reinvigorated its Education Mission to provide a common platform for both government and civil society to take initiatives in order to provide quality education to children. To achieve the goal of our Mission to work in co-ordination and co-operation with the Mumbai Metropolitan Region with the Education Department, NGOs, Corporates and other Knowledge Partners to help frame a Citizen Educational Charter, Mumbai First has formed a Core Committee to work towards achieving goal. Our Core Committee will be chaired by Mrs Farida Lambay (founder of Pratham) and Mr. Ashank Desai (Vice Chairman of Mumbai First). Heads of prominent organisation like EDUCO, Pratham Infotech, ATMA, Kotak Education Foundation, etc are part of core committee.

Meeting with the Education Minister Vinod Tawde.

Mumbai First had a detailed discussion with Shri. Vinod Tawde, Education Minister of Maharashtra regarding avenues for improving education in Mumbai. He appreciated Mumbai First efforts in forming Education Core Committee and provided full support regarding improving education especially of MCGM schools.



Signing of MOU with K.C College

- Mumbai First, in collaboration with K.C. College will initiate the “Lecture Series” on diverse issues that confront the MMR and its citizens.
- Mumbai First will select interns from K.C. College on a regular basis and provide relevant knowledge and skills to these interns to encourage their professional growth.
- K.C. College will provide volunteer support for events being held by Mumbai First. Mumbai First has signed an MoU with K.C College.

Purpose: Using the resources available to both organizations, the partnership's main goal is to work towards the betterment of the Mumbai Metropolitan Region (MMR) as well as its citizens.



Update with regards to the Transport and Mobility Mission

Aligning with the challenges & need for coordination, Mumbai First has reinvigorated its Transport Mission to provide a common platform for both government and civil society in order to brainstorm solutions to ease the congestion and traffic problems faced by the citizens of Mumbai. To achieve the goal of our mission we work in co-ordination and co-operation with non-profits, corporates and other knowledge partners to help frame a citizen friendly charter. Mumbai first is closely working with Forum for Improving Quality of Life in Mumbai Suburbs, IIT-M, MP EN Systems, UDRI, Qimpro. We strongly champion two thoughts – “Clean; Affordable; Sustainable transport solutions for MMR.” and “Transport for one and all within a 1 km radius”

Dwija – Mumbaigiri Articles

When we hear the term “best out of waste” or “takau pasun tikau”, one example that comes to our mind is a godhadi or a carry bag made out of old saree which our grandmothers fondly made by conserving resources. The term “upcycling” used by any environmentally conscious consumer refers to the same principle of conservation- where a discarded material is turned into a higher quality/higher value product.

Fast-fashion, falling prices and disposable clothing are creating more waste with every passing year. Large quantities of oil and water, two natural and non-renewable resources that are becoming scarce are used to produce synthetic fibres. It takes as much as 946 liters of water to grow enough cotton for a pair of jeans and an average of 42 liters of water to achieve the typical faded appearance. In addition, other resources like chemicals, electricity and manpower are required in abundance.



"Dwij", meaning second life (द्वि = Twice, ज = Born) in Sanskrit was founded with a mission to promote circular products made from upcycled post-consumer garments and post-industrial garment waste that would otherwise end up in landfill. The product range includes utility bags, shopping bags, handbags, and other accessory products targeted for an environmentally conscious consumer.

dwij has an inhouse manufacturing setup as well as a network of woman working from home who need an additional income to support their families. While dwij wants to increase the awareness towards upcycled products, hygiene remains a top priority to ensure that the customer views an upcycled product at par with a virgin product. Dwij is also moving towards zero waste practices. As a part of this initiative, dwij has recently launched hand-made jewellery made by women groups, from the left-over fabrics of its own manufacturing process.

Dwij has a special focus on jeans since it is a versatile fabric, highly popular, durable and extremely sturdy. Further, as mentioned above, the environmental costs of manufacturing of jeans is immense. Most people

discard jeans because they fade off or the size no longer fits. The properties of jeans gives a very good opportunity to upcycle into other value added items that increases the lifespan of the fabric.

Since its inception, Dwij has upcycled more than 3,500 pairs of jeans to create more than 2,500 bags. Dwij deals in retail through its online portal and various other e-com platforms, while also dealing in wholesale or corporate orders.

Dwij believes that incremental changes to individual lifestyle leads to sustainable future, and urges you to become a conscious consumer by preferring quality over quantity, by making a requirement-based purchase, create awareness about the importance of conservation through upcycling of everyday items at home and most importantly, respect India's traditional recycling and upcycling community. Together we can easily fight fast fashion and transform the world into a sustainable living!



About the founder:

Soumya Annapurna Kalluri, is a qualified Mechanical engineer (Pune) with Masters in Commercial Vehicles Technology (Germany). She previously worked with John Deere, Germany in the area of LCA, and had also worked at Godrej & Boyce on their upcycling project. She founded dwij once she realized how the retail boom coupled with an easy flow of disposable income amongst young people, is causing hazards at various stages, which is largely going unnoticed.

More than 60% of all trash produced can be recycled.

Recycling aluminum cans can save close to 90% of the energy used to make new cans.

1/3 rd of all the food produced in the world is wasted. This is enough to feed 4 times over all the hungry in the world.

1 recycled tin is equivalent to power a PC for 25 minutes.

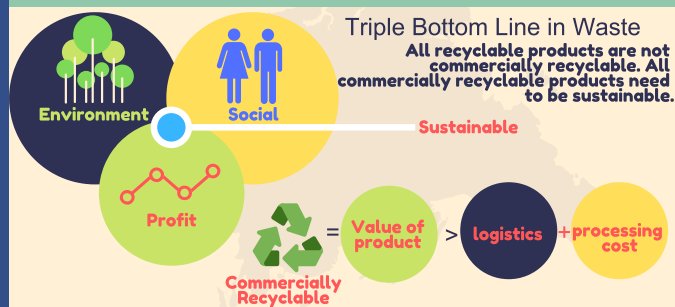
1 recycled plastic bottle would save enough energy to power a 60-watt light bulb for 3 hours.

TRIPLE BOTTOM LINE. THE BASIS OF WASTE TO TREASURE

Waste doesn't exist in nature. it is the human consumption that creates it.



India is 6th largest producer of waste in the world. It is important for us to get rid of this waste sustainably.



Eco Eclectic Technologies. A Salon for Industrial Waste.



" NOTHING IS USELESS IN THIS WORLD, WHAT CAN BE A WASTE TO YOU IS SOMEONE'S ASSET"



On average, 16% of the money you spend on a product pays for the packaging, which ultimately ends up as rubbish.

80% of a vehicle can be recycle.

Recycling a single day worth of the New York Times could save 75,000 trees.

Plastic can take up to 500 years to decompose. Glass that is thrown away and ends up inland fills will never decompose.

The unreleased energy contained in the average dustbin each year could power a television for 5,000 hours.

Description of the waste:

- Cut hair can be made into wood block alternatives.
- Paper sludge can be made into eco-friendly building blocks.
- Construction waste makes for a very good growth medium.
- Wasted cement can be used to make a variety of artifacts.

Mumbaigiri – Manish Bharthi

Failures are part of life, rather than stopping and cursing, Manish made them stepping stones for success, and for him success was seeing smiles on the faces of those around him and knowing that he played a role in making it happen. Bagging blessings and smiles is now his new hobby.



Manish Bharthi founded Kartavya Foundation in 2013 that is active in community welfare activities and helps in arranging funds for under-privileged students. He wanted to become a doctor but could not fulfil his dream due to financial trouble but now spends his time acquiring funds to finance the school going of young children. Manish Bharthi's hope is that no other child face the disadvantages he did. He works selflessly for the welfare of society that includes contribution in varying aspects like arranging funds for students who wish to pursue education, healthcare and treatments for kids from underprivileged areas, organizing health check-up drives for masses, donation drives, blind welfare, women empowerment campaigns etc.

Undeterred by obstacles, he graduated in engineering and is presently pursuing his Masters in data analytics from VESIM, Chembur. Among other things his life's mission is to help students in need achieve their academic goals.

This young activist is leading a team of more than 100 volunteers across Mumbai and conducts a minimum of one or two community welfare campaigns every month mostly on weekends or on holidays. Following is a small list of activities conducted by them:

Women Empowerment Campaign: Aadhar

Mission- Aadhar, is one of the routine events which has been continuously held over the span of six years. Under this event, the Kartavya Foundation setup a small training and workshop to help the visually impaired girls make Rakhis of their own that were then used during Raksha Bandhan. After 2 months of making the rakhis, it was marketed and exhibited in corporate buildings and in societies. All profits made from the selling of these rakhis were given to the participants of the mission to help these visually impaired women be financially independent and to provide them with the opportunity to earn a better livelihood.



Treatment of Chaitanya Patil:

Kartavya also took up the responsibility of providing financing for treatment of a 4-year-old baby girl Chaitanya Patil, a resident of the Nevali Village, Ambernath. Chaitanya suffered from a condition that caused hearing loss which also meant that she was unable to speak. Over the span of 2 years, they have helped finance timely speech and audiology therapies, pre-CI, and assistance for hearing aids. It has resulted in the improvement of her hearing and she has now started learning how to speak. This has positively impacted her and her family and given them hope of a brighter future for her.



Colours of Joy:

Manish celebrates all auspicious days and festivals in a number of orphanages; be it Holi, Diwali, Christmas, Eid, Raksha Bandhan etc. This celebration has directly impacted 80 adorable kids. It gives the children a feeling of inclusiveness and belonging.

Mission Shiksha:

With the support of young volunteers from VESIM, they have started the initiative of collecting scrap like raddi-used books, old newspapers, plastic bottles, cardboard boxes, etc and exchanging it for monetary equivalents to support deserving students with their annual school fees. Manish aims to support a minimum of 4 students with unfavourable financial situations in the upcoming academic year.



Manish believes that children, no matter how underprivileged, have the capable of achieving big things. Sometimes, all it takes is a little encouragement and equitable opportunity to overcome the odds. The smiles on the faces of children who know they are able to continue attending school and the tears of joy seen in the eyes of Chaitanya Patil's parents is proof of that.

Manish and his team of volunteers at the Kartavya foundation work with one thing in mind and that is to take one step at a time and to keep in mind that those they help wear their hearts on their sleeves hoping that Manish and his team will be able to make a difference, no matter how significant, in their lives. Manish, at the age of 25 has already positively impacted the lives of many. Over the next couple years, he hopes to be able to build a school to adopt children into the education system from kindergarten and support them up until their post graduate studies.

EU – Mumbai Partnership

Two Day Event on Sustainable Urbanization Planning

Over the past three decades, cities all over the Asia-Pacific region have undergone massive transformations, characterized by rapid population growth and urbanization. The rapid pace of globalization and economic restructuring has resulted in these cities receiving the full impact of urbanization pressures. In attempting to ease these pressures, major cities have advocated growth



management approaches that give particular interest to sustainable urbanization and emphasize compact and optimum development of urban forms. Mumbai, with its second densest population in the world, is in need of planning from a sustainable development perspective. **In an effort to get the ball rolling on a large scale, we at Mumbai First, in partnership with the European Union, conducted a two day sustainable urbanization workshop bringing together experts from the EU and urban planners from Mumbai (government and otherwise) to understand the problem of urbanization in this city and the planning measures that we need to put in place to combat our growing population density.**



Pedro Ortiz, Pioneer of Metropolitan Planning:

- Among many things, he explained that the goal for Mumbai as a metropolitan was to be the Capital of the Indian Ocean and what needs to be different to achieve this goal.

He also explained the inefficiency of following a “mosquito strategy” as opposed to a more “acupuncture chart” system.



Sanjay Bhatia, Chairman of the Mumbai Port Trust (MBPT)

- He explained that the MBPT is working on a 2 part plan, (1) port-related and (2) city and tourism related.
- He provided insights into the current plans to develop the MMR in the most efficient way possible by using a largely ill-used medium: water transport.

Shankar Deshpande, Joint Projector Director (Town Planning) at the MMRDA:

- He provided us with the comprehensive history of the Mithi River and the central role it has played and will continue to play where Mumbai is concerned.
- He also provided us with a timeline of reactions from the government post the 2005 flooding in Mumbai.
- He stressed the importance of involving locals, NGOs and corporates in all future planning.



Madhav Pai, Director for WRI Ross Center for Sustainable Cities:

- His presentation included a quick review of the BEST Busses, Metro, the pedestrians and other innovations. (details mentioned below)
- He also stressed the importance of focusing on long term goals and ensuring that the entire transportation network be fixed which will be a long drawn process but worth the time.
- His suggestion is to always put the pedestrian first.

Bernard Gindroz, Key Expert in Sustainable Urbanization:

- He outlined 5 different points that need to be kept in mind when taking of sustainable urbanisation: (1) need for a long term vision, (2) consideration of total context, (3) consideration of immigration to bigger cities, (4) completely integrated planning, (5) citizens' engagement, (6) result oriented action (as a result of monitoring and evaluation)
- He also stressed the idea that innovative partnerships will be key for quick but efficient problem solving.



Don Guikink, Expert, Transit Oriented Sustainable Development

- He discussed case studies of Barcelona and Paris with emphasis on the importance of Transit Oriented Sustainable Development to not only make a city more efficient but to make it more livable.
- To do this, we need to improve all modes of mass transport, walking and cycling paths, greening as well as reducing cars used, accessibility to all needs and access to green open spaces.

Vidyadhar Pathak, Dean, CEPT:

- He stressed that urban planning and development control are not separate entities. In fact, the latter is a part of the former and must therefore, be considered together.
- Additionally, he argued, that in all planning, it is important to keep in mind the context of the problem to find the best possible solution.



Anupam Karnam, Senior Planner, MbPT:

- Currently, 850ish hectares of land belong to the MBPT and plans are in place to ensure connectivity through waterways and major centralities along the coast.
- This includes improving housing, health, business and tourism. Other projects include, eco-park, skating rink, amphitheater, etc.
- Their main goal is to build character for the city with robust connectivity, open spaces inclusive planning and smart infrastructure.



While keeping in mind the points discussed by the speakers, the participants were asked to divide themselves into four groups with each group being given one of the following topics:

- Land Use Planning and Economic Growth Nodes in the MMR - Mr. Pedro
- Ecological Systems in MMR, sensitive zones and their needs - Mr. Iyer
- Transport Nodes and Transit Oriented Development in the MMR - Mr. Don
- Housing Planning with Open Spaces and Access to Infrastructure - Mr. Bernard



Following a discussion within the team to recognize the problems in their field and ways to go about mitigating them, each team presented their points of view to the other groups while encouraging questions and feedback. This debate brought to the forefront of various perspectives and encouraged the process of solution finding by thinking outside the box.

EU – Mumbai Partnership



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