



**CHAMPIONS
OF CHANGE**

THE GREEN DECLARATION

The Youth Climate Summit

Elevate Voices- Ignite Change



About the PUNE CLIMATE WARRIOR Program

VISION



To create climate consciousness in the society through children and to take action towards reducing our carbon footprint.

MISSION



Creating Awareness

Educating citizens, especially the young about the causes and consequences of Climate Change



Changing Mindsets

Developing a culture of caring for the environment, surroundings and living beings



Taking Action

Promoting children to become the 'Agents of Change'

ADDRESSING SDGS



CONCEPTUALIZED BY

Smt. Vandana Chavan

Member of Parliament, Rajya Sabha

Founder ALERT

PARTNERS





THE DECLARATION

We, the young citizens of the city of Pune, belong to this great universe and consider climate change as the biggest threat facing the planet and our future. We have set ourselves on a mission to address this issue through a collaborative initiative – the ‘Pune Climate Warriors’.

Through various activities in our 80+ schools we have, since 2021, started equipping ourselves with the knowledge and understanding to tackle the climate reality through individual and group actions at home, school, and the neighborhood – this ultimately to bring impact in our city of Pune and ultimately the world.

Through several consultative initiatives, for our research initiatives on AIR, ENERGY, WATER, TREES – BIO DIVERSITY and URBANISATION, findings, which we enumerate hereinbelow with the active support and encouragement of our teachers at schools, we heard the voices of young and old at home and in the community and came out with valuable findings.

On the basis of which, we hereby therefore commit ourselves to be the ‘Champions of Change’ and demand proactive measures from our Municipal Corporation, in the name of the future of our country and our planet.

CONSIDERING THAT

- The youth face heightened and specific risks due to climate change, and that these impacts are already occurring in everyday life resulting in with serious implications.
- It is an urgent responsibility we bear for a sustainable future, where the impact of our actions resonates globally and shapes the well-being of generations to come.
- Youth could be key agents of change .
- Vulnerable populations, including those in low-income countries and marginalized communities, are disproportionately affected by the impacts of climate change, leading to increased social and economic disparities.

WE COMMIT

- To be responsible citizens and become the Champions of Change;
- To follow a lifestyle that is purposeful, sustainable and productive, by improving our relationship with ourselves, our communities, nature, improving our cognitive capacities and ability to collaborate to bring about a change;
- To align with the five SDG pillars – people, prosperity, planet, peace and partnership.





OUR DEMAND...



CLEAN AIR

MONITOR

- Monitor and Document sources of air pollution
- Collect data through real-time air quality monitoring systems.
- Monitor emissions from industrial and construction activities and address the same for focused discussions for action.
- Gather data on respiratory and other diseases triggered by air quality, with demographic data.

PLAN & CONTROL

- Constitute an Air Quality Committee at the Municipal Corporation level to prepare a roadmap and monitor progress to achieve the goal of Net Zero
- Create awareness through IEC and encourage citizens to bring down their carbon footprint by making them aware of the health hazards
- Implement and enforce stringent air quality standards
- Increase monitoring stations in the city and put out data in the public domain
- Address complaints related to pollution through prompt-action mechanisms
- Collaborate with neighboring regions to address cross-boundary pollution
- Invest in green spaces and urban forests to enhance sequestration
- Encourage policies that encourage implementation of 'walk to office' – 'walk to school', one day in a week 'work from home' wherever possible, car-free zones, Electric vehicles

ACT

- Encourage the use of public transport
- Encourage the use of non-motorised transport for personal commuting



SUSTAINABLE TRANSPORT

MONITOR

- Collaborate with technology companies to provide open data for the development of innovative solutions and APPs that benefit commuters
- Measure the use of public transport and collect data of socio- economic strata of commuters
- Monitor bicycle tracks in Pune city and collect data of its use
- Monitor the progress of Road Safety measures to halve road crash fatalities by 2030
- The shift from private motorized modes to walk, cycle, public and shared transport.

PLAN & CONTROL...

- Prioritize, invest, develop efficient and affordable public transportation.
- Invest in Electric fleet of buses that look attractive and are clean with smart bus-stops and dedicated lanes with ITS for reliable, faster, safer travel
- Establish seamless integration and transition between various modes of transportation between buses, metros/trains, bicycle and walking
- Brand the public transportation system so as to effectively popularize it
- Implement smart traffic management systems to optimize traffic flow and reduce congestion.
- Integrate intelligent transportation solutions, including traffic signals synchronized with real-time traffic conditions.
- Implement the bicycle plan
- Implement No-vehicle - pedestrian-friendly zones



SUSTAINABLE TRANSPORT

PLAN & CONTROL

- Encourage carpooling, ride-sharing and telecommuting to reduce vehicular emissions and the use of alternative modes of transportation such as cycling and walking with special emphasis on user-friendly infrastructure
- Encourage people not to use private vehicle by making public transportation well connected and highly efficient
- Encourage private car owners to purchase electric/hybrid vehicles in case they have to own a vehicle and support it by charging stations
- Implement smart traffic management systems to optimize traffic flow and reduce congestion with the use of intelligent transportation solutions
- Plan, Strengthen School Transport Committees and budget for measures to adopt safe systems approach for road safety for children
- Plan investment and measures to achieve the target of 80% trips by motorized transport to be by Public Transport

ACT

- Encourage citizens groups to form “Mobility Groups” to work on ways to reduce private vehicles on the road
- Implement inclusive transportation policies that takes care of providing transportation infrastructure for people with diverse abilities so as to leave no one behind
- Implement Safe School zones and Safe roads to schools across the cities to ensure the safety of Children and young people as road users



REFUSE
REDUCE
REUSE
REPURPOSE
RECYCLE



SOLID WASTE MANAGEMENT

MONITOR

- Measure and Publish data on waste generated every month, by category
- Monitor chronic garbage spots by CCTV
- Monitor construction waste dumping in river beds

PLAN & CONTROL

- Establish comprehensive recycling facilities and incentivize the efforts
- Handle the Construction and Demolition waste in a scientific manner
- Handle different categories of waste eg. Plastic, Biomedical, Electronic, Hazardous, Battery, Sewage etc. apart from the Municipal, agricultural and industrial waste as per the provisions of the laws
- Implement strict regulations on open burning and improper waste disposal
- Plan and ensure strict implementation of waste collection and disposal

ACT

- Encourage composting at homes, scientific handling of commercial waste and Implementation of waste-to-energy initiatives to reduce the burden at landfills
- Encourage citizen's participation by forming neighbourhood groups
- Launch public awareness campaigns to segregate garbage at source, promote waste reduction, recycling and responsible consumption
- Encourage the 5Rs – Refuse, Reduce, Reuse, Repurpose, Recycle and create awareness on Rethink, Regift, Repair
- Incentivize housing societies segregating wet and dry waste on regular basis



TREE COVER & BIODIVERSITY

MONITOR

- Document the trees, biodiversity hot spots and wildlife in the city – the numbers, species, age, size etc manually supplemented with satellite data
- Identify and protect areas with high biodiversity value, designating them as conservation zones

PLAN & CONTROL

- Draw a Plan with a systematic approach to plant and replace trees/ shrubs/ grasses in public spaces, parks, along streets and biodiversity hotspots.
- Ensure plantation of native trees and shrubs in public spaces, parks, and along roadsides as they are better adapted to the local climate, promote biodiversity, and contribute to the overall health of ecosystems.
- Plan for maintenance of newly planted trees and that of existing ones
- Integrate tree protection measures into urban planning to minimize tree removal during construction project and implement policies and regulations to safeguard existing mature trees and their canopies.
- Identify and protect areas that serve as habitats for local wildlife

ACT

- Involve people & NGOs in greening of open spaces through attractive programs such as Smrutivan etc., promptly address concerns about tree felling & to set up a prompt redressal cell for immediate action, working 24x7
- Encourage Rooftop and Vertical greening of buildings, Community Gardens and urban agriculture initiatives
- Publish an Annual Report on the state of Biodiversity, highlighting achievements, challenges and future goals for the city and its citizens



WATER

MONITOR

- To meter the use of water and to reduce leaks and wastage at the Municipal infrastructure and household levels to further encourage ensure installation of aerators on taps to reduce water usage, wastage from overflow, other measures such as reducing the use of water in toilet flush tanks, reusing water where possible etc.

PLAN & CONTROL

- Ensure a comprehensive, sustainable and resilient water management system plan that provides clean and equitable access of water to the residents
- To create awareness on water as a rich natural resource and inculcating the habit of conserving it by judicious use, recycling and water harvesting, on conservation, reuse and rainwater harvesting methods and wherever possible incentivizing it.
- To protect groundwater which is presently being callously handled due to the destruction of aquifers during the excavation for construction of buildings
- To develop and maintain a comprehensive stormwater management system to prevent flooding and protect water quality
- Implement green infrastructure solutions, such as permeable pavements and green roofs to reduce stormwater runoff
- Upgrade and expand waste water treatment facilities to meet growing demands and use treated waste water for no-potable purposes such as irrigation and industrial processes.
- Prepare a plan to mitigate and adapt to the impact of extreme weather events on water infrastructure



WATER

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- Treat water as a living entity- The Universal Fundamental Rights of Rivers
 - 1) The right to flow
 - 2) The right to perform essential functions within its ecosystem
 - 3) The right to be free from pollution
 - 4) The right to feed and be fed by sustainable aquifers
 - 5) The right to native biodiversity
 - 6) The right to regeneration and restoration
 - 7) The right to maintain lateral and longitudinal connectivity
- " Rights of Rivers, My Responsibility "





DOMESTIC ENERGY

MONITOR

- Monitor the use of electricity on roads and publish data
- Monitor the use of electricity in PMC Buildings and publish data

PLAN & CONTROL

- Ensure that the building plans guarantee energy efficiency by way of natural light and wind, so also use renewable energy – solar and wind for the utilities and heating of water etc.
- Launch public awareness campaigns, community workshops and training to educate residents about energy conservation practices and their benefits.
- Provide financial incentives or tax credits for residents adopting energy-efficient technologies and making home improvements that enhance energy conservation.
- Promote Green building Standards – by encouraging and incentivising property owners to obtain green certification by adopting sustainable construction practices and energy-efficient designs.
- Establish Community Energy Cooperatives – that facilitate collective investment in renewable energy projects, benefiting both residents and the environment.
- Invest in electric vehicle (EV) charging infrastructure and provide incentives for residents to transition to electric or hybrid vehicles.
- Work to encourage Net Zero building standard – generating as much energy as they consume



DOMESTIC ENERGY

ACT

- Promote use of solar energy and use of sensors
- Introduce incentive programs for property owners who retrofit existing buildings to meet green building standards, encouraging the adoption of energy-efficient technologies.
- Community Energy forums - Organize regular community energy forums to engage residents in discussions about energy challenges, solutions, and opportunities for collaboration.



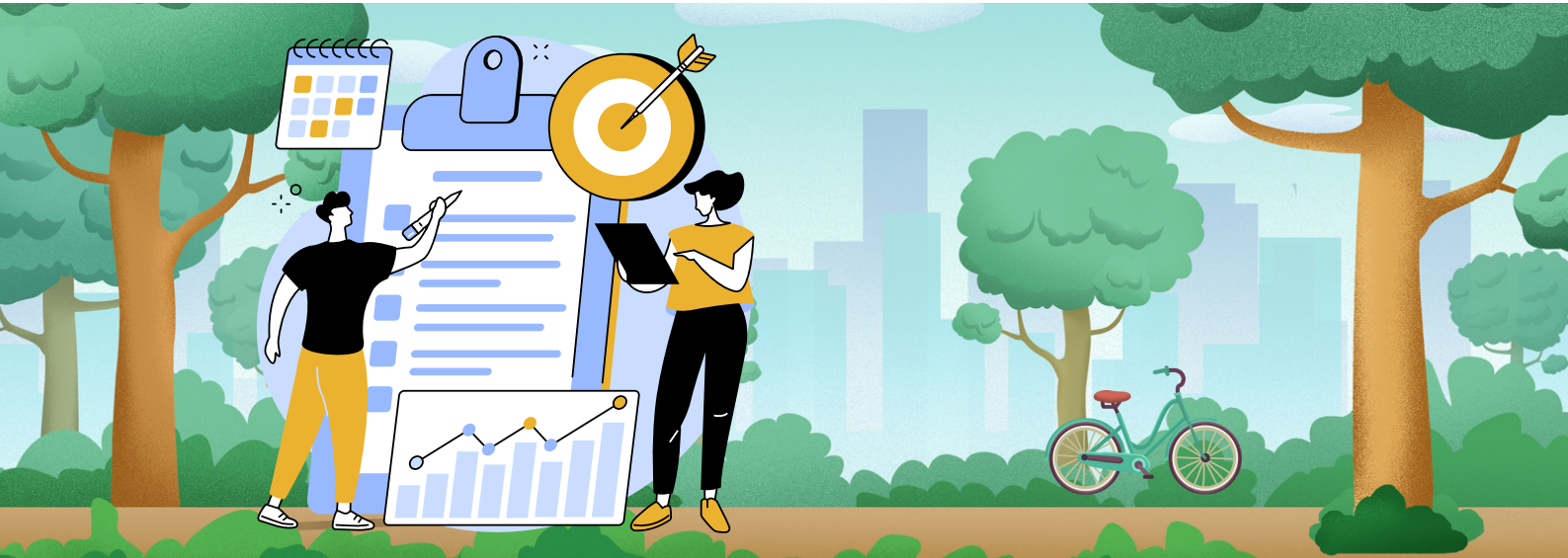
URBANIZATION

TO WORK TOWARDS ACHIEVING GOAL 11 OF THE SDGs AND THEREBY

- Make our city inclusive, safe, resilient and sustainable
- Provide access to adequate, safe and affordable housing and basic services and upgradation of slums
- Affordable and Sustainable Transport Systems - special attention to women, children, persons with disabilities
- Protection of cultural and natural heritage
- Reduction of adverse effects of natural disasters
- Reduce the environmental impact of cities - by paying attention to air quality, municipal and other waste management

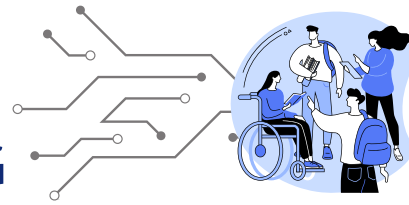


We urge the following actions:



INCLUSIVE URBAN PLANNING

- Invest in high standard and high quality social infrastructure – including schools, healthcare facilities, including housing for the poor and marginalized, and community centres for special groups (women, children, senior citizens, disabled, homeless etc) and otherwise, that are equitably spread across neighbourhoods
- Promote mixed-income neighbourhoods to foster social cohesion and economic diversity
- Cater to the needs of diverse groups of citizens with respect to their socio-economic background and demographics
- Invest in high standard and high quality social infrastructure – including schools, healthcare facilities and community centres for special groups (women, children, senior citizens, disabled, homeless etc) and otherwise, that are equitably spread across neighbourhoods
- Promote mixed-income neighbourhoods to foster social cohesion and economic diversity
- Cater to the needs of diverse groups of citizens with respect to their socio-economic background and demographics
- Support marginalised communities by addressing challenges they may face due to the onslaught of climate related events – their employment/livelihood, education, healthcare and displacement.
- Preserve and create green spaces and develop urban forests
- Creation of public spaces that are safe and accessible to all



YOUTH ENGAGEMENT IN DECISION MAKING

- Encourage the participation of the young in discussions about urban development plans and projects to ensure integration of perspective of the youth
- Engage youth in community-building activities, empowering them to contribute to the city's development and fostering a sense of belonging
- Establish mentorship programs that connect experienced professionals and organisations working in the social sector with youth, providing guidance, skills development, and opportunities for better understanding of civic engagement
- Initiate and support 'City Youth Forums' and involve the "Champions of Change" under the Pune Climate Warrior program

ACCESS TO EDUCATION, CURRICULUM, AND RESKILLING IN THE GREEN SECTOR

- Ensure equal access to quality education to all, regardless of socio-economic background, by investing in schools and educational programs. To create awareness on Climate Change - its impacts and actions as a part of the curriculum
- Establish reskilling and education programs to prepare youth for changing job markets and technological advancements with special emphasis on Green Jobs
- Collaborate with educational institutions and businesses to offer training opportunities aligned with emerging industries in the Green Sector
- Promoting Circular Economy and knowledge regarding the same

MOBILITY FOR ALL

- Design urban transportation systems that cater to the needs of all residents, including those with disabilities
- Strengthening public transportation with infrastructure improvements such as sidewalks, ramps, pedestrian crossings, signalling systems etc.
- Provide public transport options and last mile connectivity
- Development of user friendly cycling lanes and pedestrian friendly, obstruction free pathways
- Investment in smart transportation solutions to reduce congestion and for the efficient working of public transportation systems



HEALTHCARE SERVICES IN LIGHT OF IMPACT OF CLIMATE CHANGE

- Invest in healthcare services that are affordable to all residents, addressing the healthcare needs of diverse communities.
- Special emphasis to address mental health and drug abuse amongst the youth and to promote activities which foster sports and wellness

HERITAGE PRESERVATION, ART AND CULTURE AND TOURISM

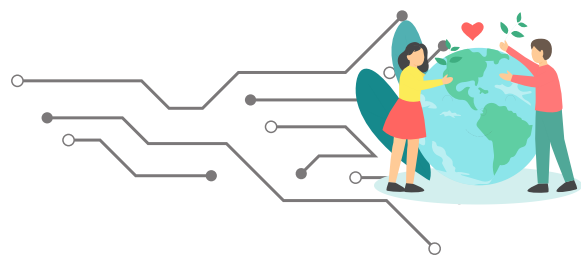
- Preserve and celebrate the cultural and historical heritage and promote the feeling of reverence to the unique identity and character of all religions to strengthen our ethos of “unity in diversity”;
- Promote, support and celebrate local talent, through public art, performances and cultural events, so as to add to the cultural vibrancy of the city ;
- Develop sustainable tourism management practices that balance economic benefits with environmental conservation with appropriate measures to prevent over-tourism so as to protect cultural & natural assets

ADOPTION OF TECHNOLOGY

- Integrate technology into urban development projects to implement intelligent waste management, energy-efficient street lighting and other innovative solutions.
- Leveraging technology platforms to enhance civic engagement, citizens participation and in decision making and feedbacks

CLIMATE- RESILIENT DEVELOPMENT

- Incorporate climate-resilient design principles into urban development
- Ensure that infrastructure is built with sustainability and adaptability in mind.
- Promote climate responsive landscaping.
- Equip the employees of the local body and the citizens through capacity building initiatives to address climate impacts
- Work towards city plans for disaster management, mitigation and adaptation measures for climate change
- Prepare a carbon inventory for the city followed by steps to drive the city to ‘Net-Zero’





GREEN SUSTAINABLE BUILDING POLICIES

- Develop guidelines for climate-responsive architecture, considering local climate conditions to enhance building efficiency and resilience
- Adopt and enforce comprehensive green building standards that promote energy efficiency, water conservation and use of sustainable materials in construction
- Encourage the incorporation of sustainable measures in construction such as renewable energy, water harvesting, water reuse systems, disposal of waste etc
- Provide financial incentives for properties which adopt sustainable design principles and amenities in their projects
- Mandate Solar panel installations or other means of renewable energy
- Mandate the use of energy-efficient lighting systems, such as LED bulbs, energy efficient electrical equipment, sensors for lights and water taps wherever possible
- Introduce policies that mandate energy performance benchmarking for building, encouraging property owners to assess and improve their energy efficiency
- Encourage retrofitting old constructions to achieve energy efficiency
- Enforce waste reduction and recycling in construction projects
- Provide incentives for the construction of net-zero energy buildings that generate as much energy as they consume, promoting thereby a sustainable energy balance
- Encourage plantations in open spaces and vegetable/terrace gardens.
- Initiate innovative programs like Green and Resilient Building Information and Resource Centre, Incubators for Green Technology, Building material Recycling Centres, Training – Education and Outreach Programs, Certifications etc
- Infrastructure audit to understand the carrying capacity of the city and to limit it accordingly

Adopting these Measures and policies will position the Municipal Corporation as a leader in sustainable urban development, fostering a built environment that is environmentally responsible, resilient and conducive to the well-being of the community





Schools that participated to prepare

THE GREEN DECLARATION

at The Youth Climate Summit

Elevate Voices- Ignite Change

1. City Pride School, Nigdi
2. The Orchid School
3. Vidyanchal School
4. Bharti Vidyapeeth Rabindranath Tagore School of Excellence (BVRTSE)
5. Mukangan English School & Junior College
6. Hutchings High School
7. St. Arnold Central School
8. MIT Vishwashanti Gurukul School, Kothrud
9. Vikhe Patil Memorial School
10. Millennium National School
11. Nalanda English Medium School
12. Trinity International School
13. Vidya Pratishthan's Magarpatta City Public School
14. St. Vincents High School
15. Lokseva E- school
16. SES Gurukul School
17. PES Modern Girls High School
18. Vidya Valley School
19. Drive Change Learning & Resource Centre (DLRC)
20. City Pride School- Moshi
21. Dr. Shamrao Kalmadi High School, Baner
22. Dr Shamrao Kalmadi High School (Kannada medium)
23. The Kalyani School
24. D.B.Murkute (Afternoon Shift)
25. Swa.Rambhau Mhalgi High School
26. Little Flower English Medium School
27. Late Chandrakant Dangat Patil Vidyalay
28. Anjuman-e-Faizul Islam High School
29. Dr. Sudhakar Jadhavar (Prathimik & Madhyamik) Vidyalay
30. Euro School, Undri
31. Bharti Vidya Bhavan Sulochna Natu Vidya Mandir (BVBSNVM)
32. Loyola High School
33. Bharatiya Vidya Bhavan Paranjpe Vidya Mandir (BVBPVM)
34. Clara Global School, B.T.Kawde Road
35. Clara Global School, SHP
36. Ajinkya Dedge Public School
37. K.Namdev Bandoji Chavan Vidyalay
38. DES School



THE PUNE CLIMATE WARRIOR PROGRAM

Season 2

2023- 2024

Experiential and Interactive Learning Program

Participating Schools across Pune District in 2023-2024: **80 Schools**

- Theme based activities every month, as per annual schedule provided;
- Provision of Teaching Aides
- Encouraging Schools to take up additional activities (Ek Kadam Aage)

Monthly Themes

JULY	AUGUST	SEPTEMBER	OCTOBER
Know about Climate Change	Trees	Water	Waste
NOVEMBER	DECEMBER	JANUARY	FEBRUARY
Air	Green Annual Day	Mission for a Healthy Tomorrow	Finale



ACTIVITIES OF PUNE CLIMATE WARRIOR- SEASON 2



Presentations on Climate Change



Monitoring Air



Greening the Planet



Pollinator Program



Discussion on Rivers & Dams



Eco- Friendly Ganpati



Awareness on Eco friendly Ganpati through Dance



Understanding 5 Rs, Shramadaan, Awareness on Waste



Teachers Training Programs



And Many more Activities to Create

'Champions of Change'



JOIN US:



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Pune Climate Warrior



www.puneclimatewarrior.org



[puneclimatewarrior](https://www.instagram.com/puneclimatewarrior)



पुणे हवामान योद्धा



PUNE CLIMATE WARRIOR



Designed by Divya Chavan Jachak

