



Monthly Newsletter



Bulletin

MAHARASHTRA POLLUTION CONTROL BOARD

APRIL 2022



Editorial



We are gladdened to present to the stakeholders MPCB's 14th edition of E-bulletin as we continue to series. This E-bulletin is an attempt to give you a brief insight into the latest happenings in the field in terms of various new initiatives undertaken, awareness programs being carried out by MPCB and introduce the reader to the breakthrough research which is being done in this field.

In this edition of the E-Bulletin, we present to you highlights of Alternate Fuel Conclave (AFC) which was held in Pune from 2nd to 5th April, 2022. Also, an introduction to the new app called ROCO which was launched during AFC by MPCB.

We hope this E bulletin is very much valuable, informative and helpful for the readers. And we will also greet your suggestion & feedback for betterment of our future E-bulletins.



EVENT

The Pune Alternate Fuel Conclave (AFC), an initiative of the Government of Maharashtra, was being organised by Maharashtra Industrial Development Corporation (MIDC) and Maharashtra Pollution Control Board (MPCB), in association with Marhatta Chamber of Commerce, Industries and Agriculture (MCCIA) from 2nd to 5th April 2022, at the Sinchan Nagar Ground in Shivajinagar, Pune. The event was inaugurated by Shri Aaditya Thackeray, Minister of Environment and Tourism, Government of Maharashtra.

The objectives of the Conclave were:

- ◆ To attract investment in alternate fuels & clean mobility in Maharashtra by positioning the state as a domain leader
 - ◆ To provide a platform for dialogue between key stakeholders on clean mobility technologies
- ◆ To create an awareness among the masses about clean mobility initiatives across the globe
- ◆ To help design and conceptualise a pathway for promoting clean mobility solutions

ALTERNATE FUEL CONCLAVE PUNE



2ND TO 5TH APRIL 2022



India's thrust towards clean mobility partly stems from its overall environmental commitments under the Paris climate agreement to reduce greenhouse gases, transition quickly to clean energy, and contribute to the mitigation of the impacts of climate change. A substantial contribution to these goals is expected to come from the reduction of vehicular emissions through cleaner mobility solutions. Additionally, alternately fuelled mobility such as electric vehicles (EVs), hydrogen fuel cell vehicles, and biofuels presents economic and social benefits such as substantially lower fuel import costs. This has created an element of inevitability to the transition from conventional fossil fuel-based transportation to alternate fuels in India.

Maharashtra state aims to achieve net-zero at the earliest and recognises the importance of transition to clean transport to achieve this target. Over the last few years, the Government of Maharashtra has laid emphasis on the promotion of next generation industrial segments in the state to support this transition. In 2021, the Government launched a new Electric Vehicle (EV) Policy and has also committed to promote other segments of clean mobility such as biofuels and hydrogen fuel cells. As a prominent automotive manufacturing destination in the country as well as a significant consumer cluster, these commitments are positioning Maharashtra as a leading destination in alternate fuels in India.



“Pune will lead the electric vehicle revolution.”

- Aaditya Thackeray
Minister of Environment & Tourism,
Government of Maharashtra





Pune AFC 2022 was conducted over 4 days—2nd April to 5th April—in three parts:

ALTERNATE FUEL EXHIBITION - 2nd April, 2022

Pune AFC 2022 hosted India's largest vehicle exhibition exclusively focused on alternate fuel technologies, conducted across the four days of the Conclave. Two-wheelers, three-wheelers, cars, goods vehicles, and buses from leading manufacturers like Tata Motors, Piaggio, Skoda, Volkswagen, KPIT, etc. powered by electricity, hydrogen fuel, and biofuels were on display. Companies launched new products on the auspicious occasion of Gudi Padwa.

Pune's Regional Transport Office (RTO) was also present at the Exhibition to facilitate purchase and easy registration of new vehicles by the citizens. Pune EV Cell was present at the Exhibition to act as a knowledge hub for the citizens and to spread awareness about electric vehicles and various government policies. Bank booths were available to facilitate financing options to support the vehicle consumers at the venue. There were no charges for visiting the exhibition.

EV RALLY - 3rd April, 2022

The conclave saw India's largest EV rally, covering several iconic locations in Pune. The vehicles in the rally covered a distance of 30 kms and featured EV enthusiasts and owners showcasing their vehicles. The EV charging infrastructure players set up charging stations at several locations on the track to provide a demo for the vehicle

charging during the rally. There was a provision for citizens to be able to follow the rally using a map published in advance of the event. There were no charges for participating in the rally, however prior registration was required.

ALTERNATE FUEL CONFERENCE - 4th & 5th April, 2022

The Alternate Fuel Conference was organised as the thought leadership segment of the AFC. In addition to an introductory and valedictory session, the Conference featured panel discussions and fireside chats on key new-mobility topics. Speakers for the event included Cabinet Ministers, Senior Government officials, Investors, Bankers, Industry Leaders, Start-ups and Civil Society. Over 15 Municipal Commissioners and Consul Generals from more than 10 countries also participated in the conference.

The topics for the panel discussions and fire-side chats were as follows -

- The Future of Indian Mobility
- Zero-Emission Commercial Fleets and Public Transport
- Enabling Investment in Future Mobility
- Enhancing EV Production in India
- Financing India's E-mobility Transition
- Building Infrastructure and Fuelling Growth with Clean Energy for Evs.

During the event, MPCB launched a unique app for calculating carbon footprint called 'ROCO'. ROCO stands for Reduction of Carbon Overflow. ROCO provides a platform to assess your carbon emissions related to individual and family lifestyle. Demo of the app was given to the visitors.



TRANSPORT



WHAT'S NEW



Reduction Of Carbon Overflow

ROCO - CARBON FOOTPRINT CALCULATOR

A carbon footprint is the total greenhouse gas (GHG) emissions caused by an individual, event, organization, service, place or product, expressed as carbon dioxide equivalent (Co2e).

WHY ROCO?

To Know is to Act!
ROCO provides a platform to assess your carbon emissions related to individual and family lifestyle. ROCO helps map your activities & convert each of the 6 sectors of your daily routine into carbon footprint. Finally, ROCO also provides a step by step guide to create action pathway towards carbon neutrality.

What needs to stop?

Carbon as CO₂ emissions is directly responsible for Climate change that is posing unprecedented challenges. To life and property on Earth. Extreme weather events, from rising temperature to cyclones, to melting of glaciers & sea-level rise – all directly impact each of us. Air knows no boundaries & so does climate change.

ROCO is an initiative of MPCB towards fulfilling its obligations towards achieving sustainability.



MAIN WAYS TO REDUCE YOUR CARBON FOOTPRINT

Reduce your household footprint :

Use water economically.

Replace incandescent bulbs with LED bulbs

Reduce your travel footprint :

Use Public transport and non-motorised transport.

Carpool instead of using private vehicles.

Use alternative cleaner and greener fuels.

Reduce your lifestyle footprint :

Switch to Renewable Energy Sources

Reduce, Reuse and Recycle Waste.

Use Energy Saving – 5 Star appliances.

Water footprint

The water footprint is an indicator of freshwater use that looks not only at direct water use of a consumer or producer, but also at the indirect water use. It is a multidimensional indicator, showing water consumption volumes by source and polluted volumes by type of pollution.

Ecological footprint

The ecological footprint is a method to measure human demand on natural capital, i.e. the quantity of nature it takes to support people or an economy. It enables people to measure and manage the use of resources throughout the economy and explore the sustainability of individual lifestyles, regions and nations.



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