DATA ANALYSIS FOR >INDIA'S POLLUTION<

Be the solution to run off
the pollution
-@**sahitya**

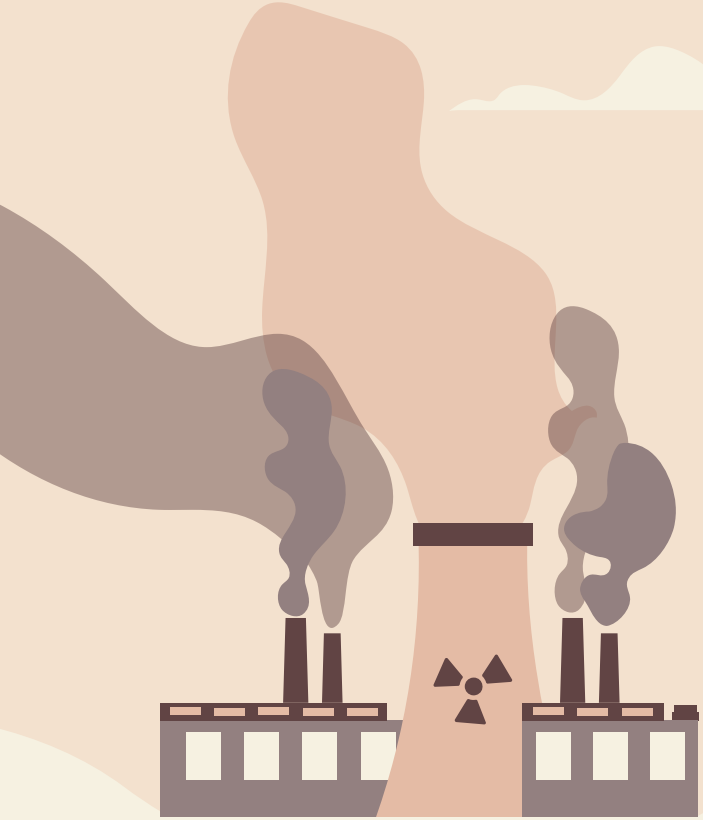
DISCLAIMER

- **All the values in any harmful gases and particles in PPM [Parts Per Millions]**
- **All of data driven decisions, facts, Analysis, Observations, based on this data set.**
- **This data is a historical data contains some error values and approx values.**
- **This data from multiple sources like Indian metrological departments and PCBs, etc.**
- **This data analysis not used for any profitable organizations just a public views as India's pollution 1990 to 2015.**
- **Future predictions and forecasting not accurate.**

TABLE OF CONTENTS

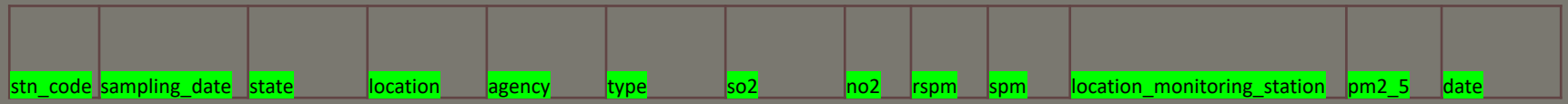
Pollution is the introduction of harmful materials into the environment. These harmful materials are called pollutants. Pollutants can be natural, such as volcanic ash. They can also be created by human activity, such as trash or runoff produced by factories. Pollutants damage the quality of air, water, and land.

THE 30 MOST POLLUTED CITIES IN THE WORLD, 21 WERE IN INDIA IN 2015.



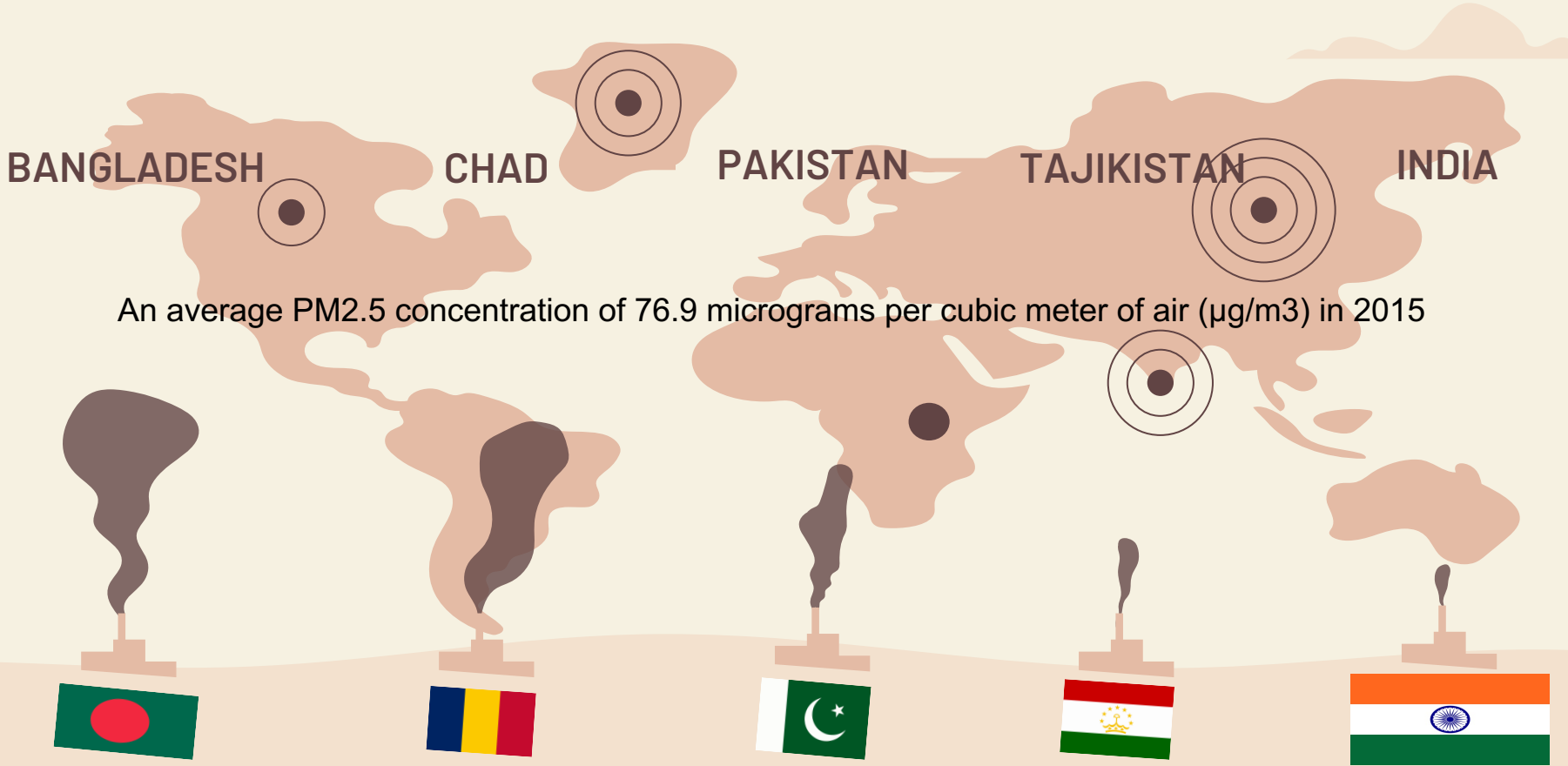
01 DESCRIBE DATA

In this dataset contain nearly 4,35,743 rows and 13 column



*According to the WHO, India has 14 out of the 15 most polluted cities in the world in terms of PM 2.5 concentrations. Other Indian cities that registered very high levels of PM2.

WHERE WE STAND IN GLOBE



An average PM2.5 concentration of 76.9 micrograms per cubic meter of air (µg/m3) in 2015

OUR HISTORY

1990

●Reforms were introduced for The Air (Prevention and Control of Pollution)

2000

●For the first time in Indian history, major air pollutant concentrations have dropped

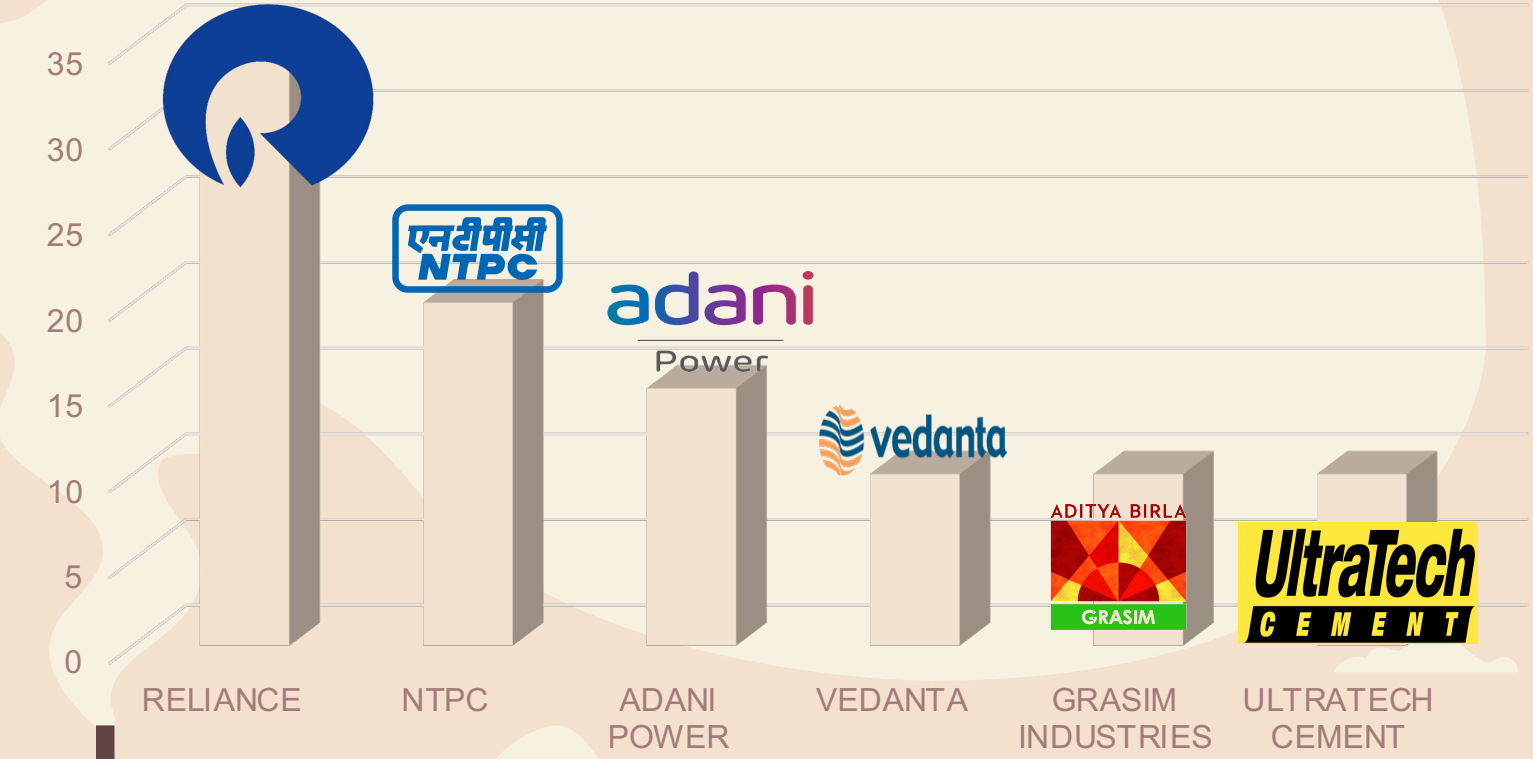
2010

●Satellite data confirms India's forest coverage

2015

The central government declared a “war on pollution” and announced the National Clean Air Programme (NCAP)

TOP EMITTERS OF INDIA




Reliance
Industries Limited
WE ARE NOW ON GLOBAL MAP
Reliance generated about 45 million tons of carbon dioxide emissions from its own operations
The world's biggest oil refining complex, owned by Reliance Industries in Jamnagar, India

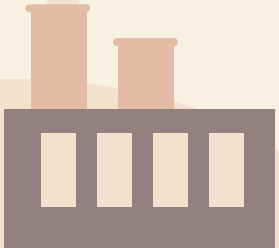
GUIDING PRINCIPLES

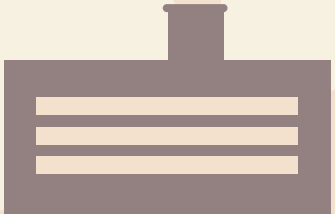
MISSION

National Clean Air Program (NCAP), with the objective to reduce pollution levels by 20-30%

VISION

Committed to achieve 500 GW renewable energy capacity by 2030.

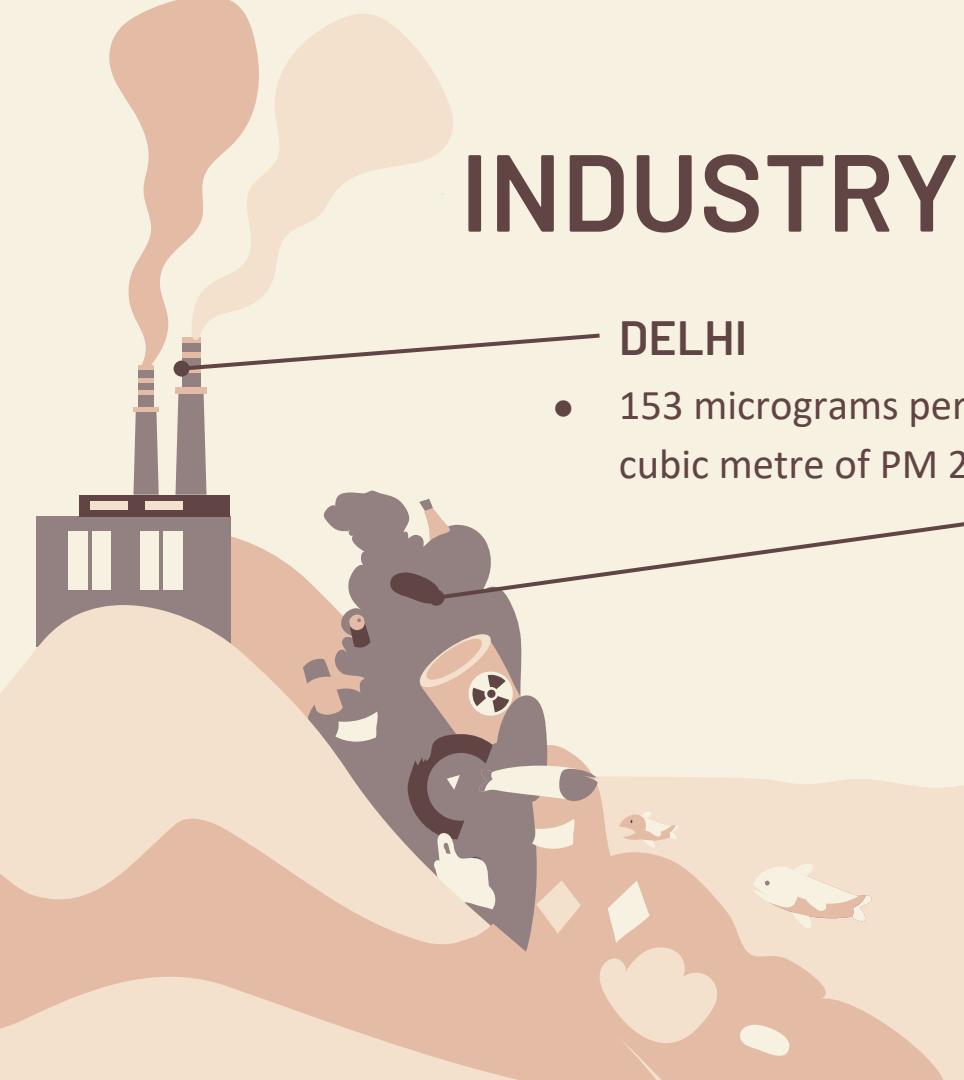




30,79,00,00,000

Budget 2023: Environment ministry allocated for FY24

INDUSTRY: EFFECTS



DELHI

- 153 micrograms per cubic metre of PM 2.5

UTTAR PRADESH

- 138 micrograms per cubic metre of PM 2.5

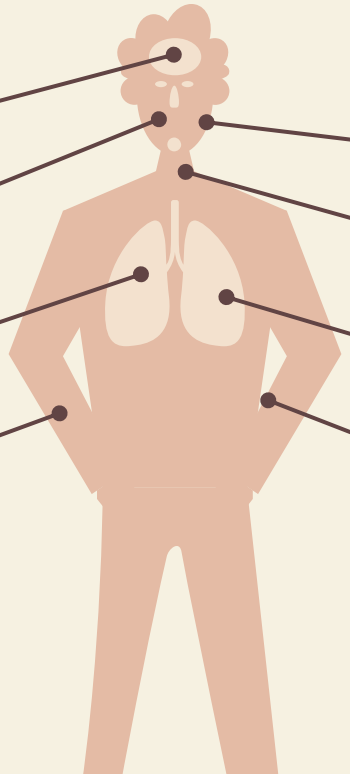
MAHARASHTRA

- 105 micrograms per cubic metre of PM 2.5

HEALTH ISSUES BY POLLUTION

EFFECTS

- Headache
- Inflammation
- Coughing
- Irritation

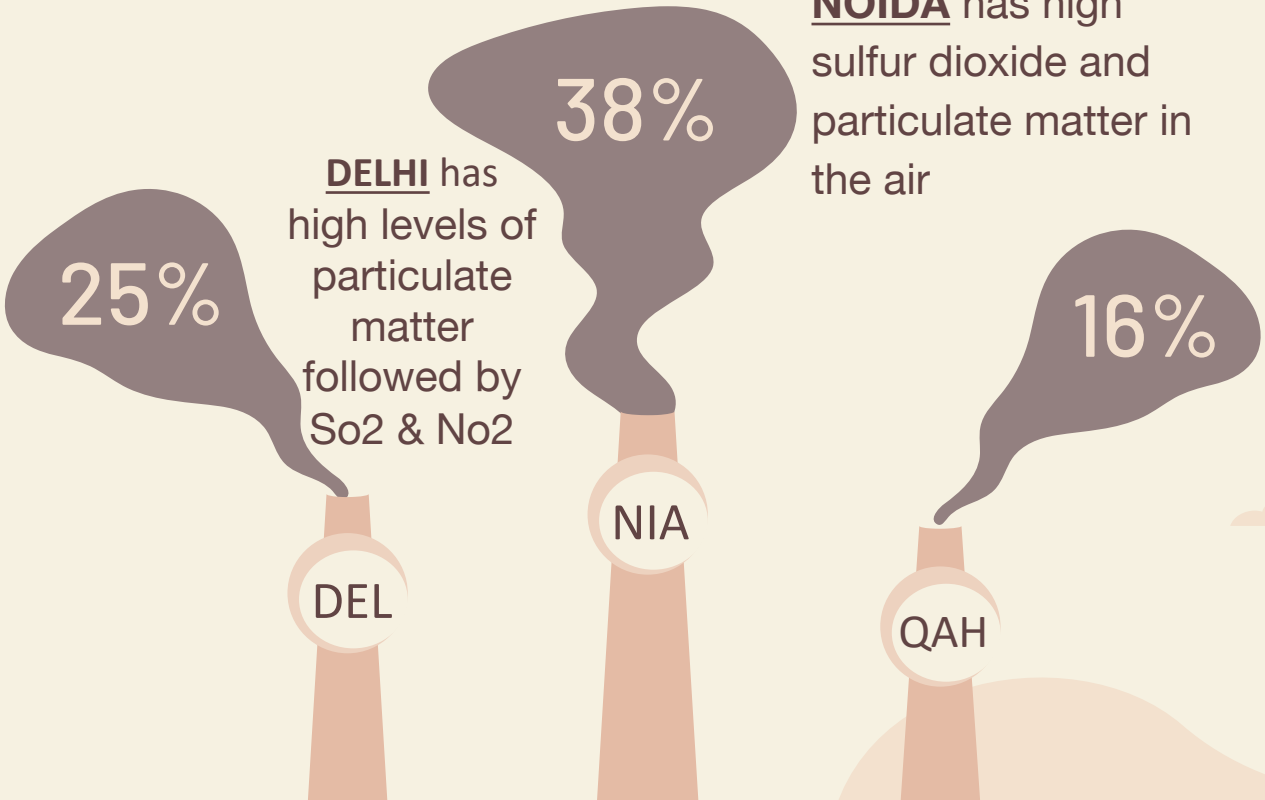


PRE CAUTIONS

- Use face mask
- Hand hygiene
- Do exercise
- Check AQI daily

MOST POLLUTED CITIES OF INDIA

AQI

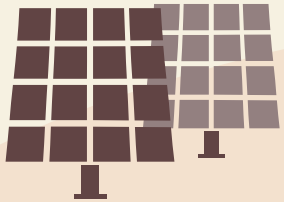


DELHI has high levels of particulate matter followed by So2 & No2

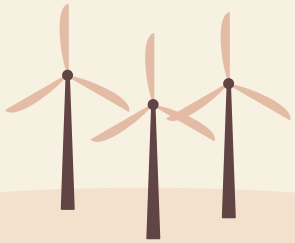
NOIDA has high sulfur dioxide and particulate matter in the air

GHAZIABAD high levels of nitrogen oxides and particulate matter in the air

HOW TO REDUCE POLLUTION



SOLAR POWER



WIND POWER

NATURAL GAS

- India saw the highest year on year growth in renewable energy additions of 9.83% in 2022. The installed solar energy capacity has increased by 24.4 times in the last 9 years and stands at **63.3 GW as of Feb 2023**.

KPI OVERVIEW

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THANKS

Kindly
celebrate
every festival
eco-friendly