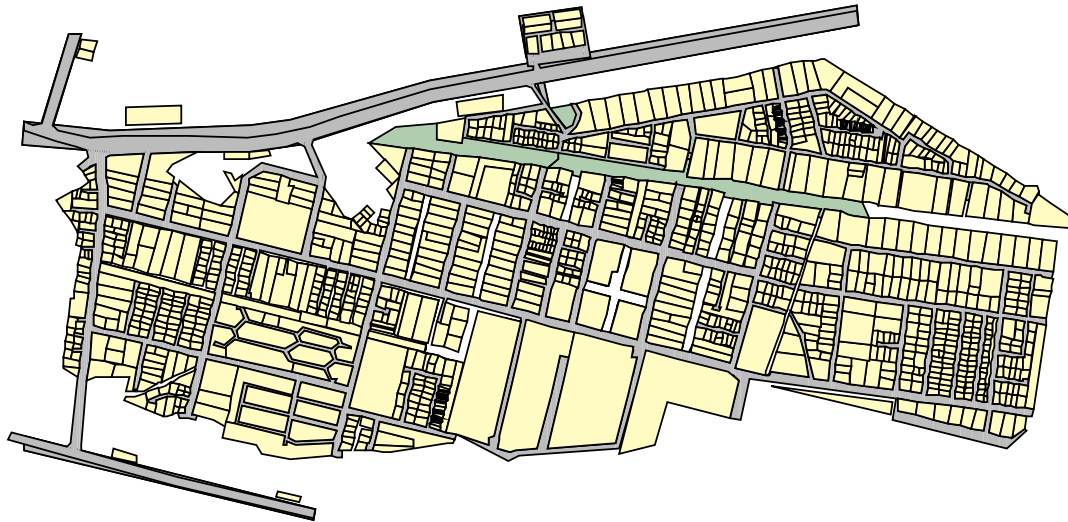


# Naroda Industries Association

## Naroda Industrial Estate

The First Industrial Estate of GIDC



Approximately	> 1100 units in
	> 20 Segments
NIA Members	> 750 units

Total Invest.	> Rs. 15 Billions
Gross Prod.	> Rs. 45 Billions
Exports	> Rs. 5.5 Billions

# Naroda Industries Association

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## NIA : Activities

- **NIA Charitable Hospital:** More than 150 patients have been treated daily.
- **Naroda Enviro Project Ltd:**
  - **CETP:** Common effluent plants treating effluent of > 240 member units with 3 MLD
  - **TSDF Site:** The First Hazardous solid waste disposal site in Ahmedabad with > 600 member units
- **CPC-N:** Cleaner Production Center, Naroda to cater member units to arrive CP benefits in their manufacturing facilities.
- **Green Plantation:** NIA is shouldering the responsibility for tree plantation within the estate since last 15 years.
- **NICO BANK:** Serving NIE and it is an excellent example of monitory symbiosis between employees and employers




# Weather and climate

Weather is the set of meteorological conditions – wind, rain, snow, sunshine, temperature, etc. – at a particular time and place.

# Climate

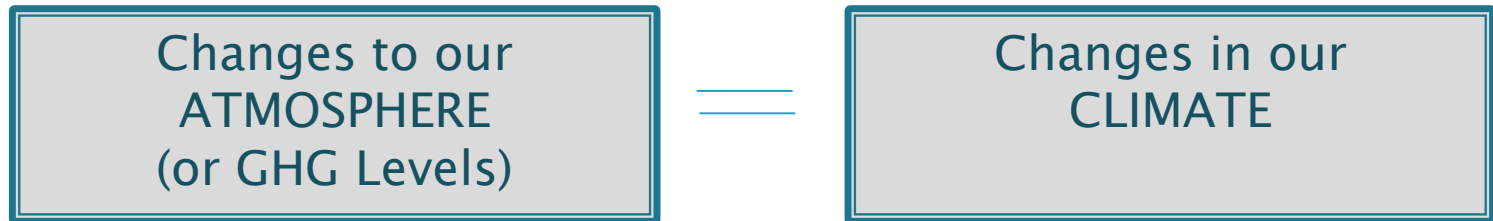
By contrast, the term “climate” describes the overall long-term characteristics of the weather experienced at a place.

For example, Ahmedabad, in the tropics, has a hot dry climate, while Kashmir has cold winters. The ecosystems, agriculture, livelihoods and settlements of a region are very dependent on its climate.



# Climate Change

Climate is influenced by the ATMOSPHERE and the GREENHOUSE GASES (GHG) that are floating within it



Also known as the GREENHOUSE Effect

# Adapting to Climate Change

- **Plan Early**
  - Act not react
  - Less expensive to adapt NOW rather than react later
  
- **Be Strategic**
  - Work together
  - Build adaptation practices in to existing action processes

# Types of Adaptation

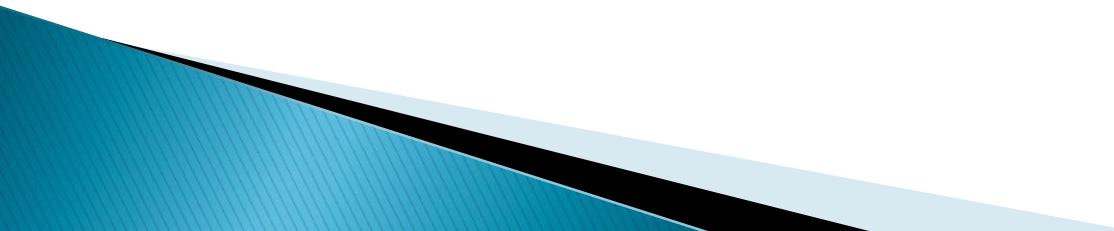
Category	Explanation
Business as usual	Do nothing to reduce vulnerability
Prevent Loss	Adapt measures to reduce vulnerability
Change the activity	Stop activities that are not sustainable under the new climate and substitute with other activities
Change Location	Displace the infrastructure or system
Enhance adaptive capacity	Enhance the resiliency of the system to improve its ability to deal with stress

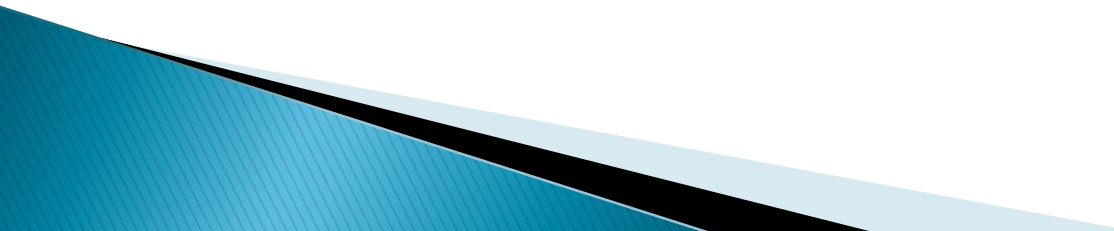
# M/s. Milestone Tubes Pvt Ltd.

## (Engineering Sector)

- ▶ Milestone Group is incorporated in 1983 with Iron Powder manufacturing facility.
- ▶ Milestone Tubes Pvt Ltd introduce as manufacturer of Stainless Steel Tube & SS/MS Hollow Sections, MS Hollow Sections since 1991 and catering the major industries in Western India. Company produce maximum Hollow Section of 215mm x 215mm x 6.30mm.
- ▶ The company does not rest on producing tubes only but has established capacity to produce a variety of tubular forms as well as external finishes to meet special requirements of customers.
- ▶ Company have total automation system for processing of raw materials and is depended on raw material suppliers for continuous working.
- ▶ Metal processing industry not much sensitive for water supply. Company have own bore well for water requirement.

## Specific problems related to climate change:

- ▶ In past, company faced flooding which affected transportation as failure of transportation effected company production.
  - ▶ Electricity board providing adequate energy supply and so far they have not faced power breakdown problem even in bad weather condition. But there is possibility of power shortage in extreme weather condition. ***And in such conditions companies do not have any alternate source for power.***
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- ▶ High temperature decrease the level of efficiency of workers. There is a risk of health impact also (feint, dehydration, heat strokes etc)
  - ▶ Company capital cost and production cost is more dependent on energy and raw material. So increase in either of rate affects on financial condition of the company.
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# Assessment Result:

<b>Impact on / Risk Potential</b>	<b>Rise in Temperature</b>	<b>Heavy Rainfall</b>	<b>Flood</b>
<b>Building / Location</b>	Low (Indirect)	low (Direct)	High (Direct)
<b>Processes</b>	low (Direct)	Low (Indirect)	low (Indirect)
<b>Logistic and Stock</b>	low(Indirect)	Medium (Direct)	High (Direct)
<b>People</b>	High (Direct)	Medium (Direct)	High (Direct)
<b>Market</b>	Low (Indirect)	Medium (Indirect)	Medium (Indirect)
<b>Finance</b>	Low(Indirect)	Medium (Indirect)	Medium (Indirect)

**Thank You**

