National Industrial Corridor Development implementation trust (NICDIT)

- A global manufacturing and investment destination
- Dedicated Freight Corridor (DFC) of 1504 km as the backbone
- 7 States and 24 Investment Regions/Industrial Areas
- The plan is to develop sustainable industrial cities with world class infrastructure

Estimated Investment

USD

$100 Billion
Connectivity

- Access Controlled Expressway
- Metro within expressway
- Roads to ports and airports
- Rail Connection with Dedicated Freight Corridor (DFC)
- International Airports
Dholera Special Investment Region (DSIR)

DICDL

- DMICDC (49%) Cash Equity
  - INR 3000 Crores
- DSIRDA (51%) Land Equity
  - 5204 ha land
Critical items to be addressed

**LAND**
- Identification
- Acquisition with clear title
- NA Permission
- Site Clearance

**Permits & Approvals**
- NOC
- Industry Specific Environmental Clearance
- Pollution control permission
- Development Permission

**Utilities**
- Application for water and power connection
- Reliability of services
- Roads and connectivity

- Risks due to delay and uncertainty
- Time for startup
- Life cycle Costs
Critical items to be addressed

**LAND**
- Identification
- Acquisition with clear title
- NA Permission
- Site Clearance

**Permits & Approvals**
- NOC
- Industry Specific Environmental Clearance
- Pollution control permission
- Development Permission

**Utilities**
- Application for water and power connection
- Reliability of services
- Roads and connectivity

**Our mandate**
- To Bring Certainty
- Ease of Doing Business
- To reduce your Life Cycle Costs
Ushering a NEW ERA

- Initial Activation Area 22.54 sqkms (2254 HA)
- Plots upto 150 HA - can be combined upto 750 HA
- Total development 422 sq kms over 30 years

<table>
<thead>
<tr>
<th>Type</th>
<th>No of plots</th>
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<tbody>
<tr>
<td>0-5 Ha</td>
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<td>50-100 Ha</td>
<td>08</td>
</tr>
<tr>
<td>100-150 Ha</td>
<td>01</td>
</tr>
</tbody>
</table>
Ushering a NEW ERA

- Utilities planned and constructed for next 30 years
- Dig free (future proofed)
- All services at plot level

Plug & Play
Ushering a NEW ERA

- Designed to exceed international benchmarks
- 5 to 10 cities for each area
- Benchmark for quality, performance, standards and best practices

World Class Infrastructure

- Brussels
- Songdo
- New York
- London
- Chicago
- Milton Keynes
- Singapore
- California
- Hong Kong
- Brussels
- Water and Waste Water
- Storm water
- Solid Waste
- Power & ICT
- Urban Planning
- Sustainability
- Road Design
- International Benchmarking
City integrated operation center (CIOC)

Ushering a NEW ERA

City Integrated Operations
- Emergency Response
- Incident, Event and Disaster Management
- Public Surveillance
- Alarm & Help-point Monitoring
- City Dashboards

Traffic & Transportation Systems
- Public Transport Management
- Intelligent Traffic Systems
- Smart Parking
- Fleet Management

Utilities Systems & Monitoring
- Waste collection processing and recycling
- Power
- Water Production, distribution and supply
- Sewage Network management
- Smart Environment Management

E-Governance
- Citizen Applications
- Citizen Walk-in Center
- Citizen Portal(s)
- Citizen Kiosks

Supporting ICT
- Organizational Change Management
- Testing
- Training

Health & Education
- Health Records Management
- eHealth
- Remote Health
- Education Broadcast
- Student life cycle mgmt

Networks, Sensors & Data
- Smart Street-lights
- Fiber
- Data Management
- City Wifi
- Sensors
- Data Centers
- Big Data

Enterprise Systems
- Finance and Controlling
- Procurement and Inventory Management
- Logistics
- Human Capital Management
- Work and Asset Management
- Property Management
- Project Systems
- Document Management
Ushering a NEW ERA

- Quality, Reliability & Efficiency
- Well planned housing for all with parks and social amenities
- Dedicated recreational spaces and activities

Work

- State of Art Infrastructure
- SCADA & ICT
- Planned industrial zones
- Walk to work (Cycle tracks & Pedestrians)

Live

- Planned Communities
- Public Transportation
- Urban Design
- Public spaces

Play

- Neighbourhood and community level parks
- Theme parks
- Art and Culture zones
- Cycle & Pedestrian network

Neighbourhood Park - 400m
Community Park - 800m
Regional Park - 4000m
Ushering a NEW ERA

- Identified land bank – use web GIS to view parcels
- Hassle free online document submission
- Live updates on applications status
- Transparent system of land allotment

Gujarat Ranked 3 for EoDB in 2016

Online land allotment - Ease of doing business

Direct link: https://elas.dicdl.in

Direct link: http://dicdl.in/land-parcel-map/
## Transparent Policies and Incentives

<table>
<thead>
<tr>
<th>Ushering a NEW ERA</th>
<th><strong>Tax Incentives</strong></th>
<th><strong>Export Incentives</strong></th>
<th><strong>Financial Assistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Land price discount to early comers</strong></td>
<td><strong>150%</strong> weighted deduction on sum paid for R&amp;D</td>
<td><strong>0%</strong> duty under Export promotion capital good scheme</td>
<td><strong>25%</strong> of Fixed capital investment up to 30 Cr for Industrial park and up to 15 Cr for Logistic park + Reimbursement of 100% stamp duty paid on land purchase</td>
</tr>
<tr>
<td><strong>State GST</strong> reimbursement of fixed capital investment for 10 year (applicable for Ultra Mega, Mega and Large Industries)</td>
<td></td>
<td><strong>Labour Payroll assistance</strong></td>
<td><strong>15%</strong> of total loan amount up to INR 25 lakhs</td>
</tr>
<tr>
<td></td>
<td><strong>INR 1200</strong> per person and GST reimbursement for 5 years</td>
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</tbody>
</table>

*awaiting new guidelines under GST*
Dholera International Airport

Airport with two (2) runways
• Runway 1 - 2910 meter
• Runway 2 – 4000 meter

Dholera SIR

Pipli Junction

Proposed Expressway

Ahmedabad

Dholera Ready for Take-off

• Approval from MoCA
• NOC from MoD
• AAI on board as equity partner

Runway 1 – 2910M
Terminal Building
Night parking Apron
Cargo Terminal
Parallel Taxiway
Runway 2 – 4000M

Total area – 1426 Hectares

Proposed Dholera International Airport

Passenger and Cargo Airport
Artist`s Rendering of Canal
Dholera SIR

**Implementation Strategy**

- **Total area**: 920 Sqkm
- **Developable area**: 422 Sqkm

Development Plan

Current Development

Activation Area 22.5 sqkm
Dholera SIR

Activation area

22.5 Sqkm

Current Development (Activation Area)

Activation area land use

Land use distribution

- Industrial
- High Access Corridor
- Public Facility Zone
- Recreational & Sports
- Residential
- Road
- Tourism
- Waterbody
Dholera SIR

Activation area

22.5 Sqkm

Current Development (Activation Area)

Activation area map

Land Parcel sizes

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<tr>
<td>Implementation of Activation Area</td>
<td></td>
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<td>-----------------------------------</td>
<td></td>
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<tr>
<td><strong>Committed project cost</strong></td>
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<tr>
<td>INR 4423 Cr. (USD 700 M)</td>
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<td><strong>Contracts awarded</strong></td>
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<tr>
<td>INR 2800 Cr. (USD 430 M)</td>
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<tr>
<td>- Roads &amp; Underground infrastructure</td>
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<tr>
<td>- Administrative &amp; Business Centre for Dholera (ABCD)</td>
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<tr>
<td>- Water treatment Plant (WTP)</td>
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<tr>
<td>- Sewage treatment Plant (STP)</td>
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<tr>
<td>- Power Transmission line</td>
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<tr>
<td>- River Bunding</td>
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<tr>
<td>- Raw Water transmission line</td>
<td></td>
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<tr>
<td>- Common Effluent treatment Plant (CETP)</td>
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Administrative & Business Centre for Dholera (ABCD)

Construction progress
Dholera is an ideal “Incubator City”

Sea water desalination using renewable energy

- Renewable energy sources
- Advanced technology (Forward Osmosis & Membrane Distillation)
- Potable water (reduce dependency of ground & surface water)

Ultra Mega Solar Park

- 11000 ha land in possession
- Capacity 5000MW, Phase I – 1000MW
- Makes city self sustainable

Electric Vehicle (EV) Mobility

- Pre planned dedicated charging stations
- 1 charging station at every 1X1 Km grid
- Solar based DC fast charging
- All set for EV Eco-system
Ideal location for variety of industries

Target Industries

- Defence & Aero
- Heavy Engineering
- Auto & Auto Ancillaries
- Solar industries
- Pharma & Bio Tech (Formulation)
- Electronics Industries
- IT & ITES
- Agro and food processing (Stand alone no farming)
Awards & Recognitions

Geospatial Excellence Award
Mar 2016

Bentley “Be Inspired”
Mar 2016

IGBC Green City Rating “Platinum”
Sep 2016

Best City for Integrated Planning
Feb 2017

Best Green City
Feb 2017
MANDAL-BECHARAJI SPECIAL INVESTMENT REGION

(MBSIR)
Implementation Strategy

Total area
102 Sqkm

Phase I area (TP1)
20.75 Sqkm

Development Plan

Town Planning Schemes
Trunk Infrastructure

- Roads and Underground Services
- Potable Water – Transmission and Water Treatment Plant (WTP)
- Recycled water – Waste water collection and Treatment by CETP and STP
- Storm water – Collection, Harvesting and Disposal
- Solid waste – Transfer, Treatment and Disposal
- Power – Power Transmission and Substations
- Gas – City wide Gas Network
- ICT – Integrated Operation Centre/ City Surveillance/ Data Center / e-Gov /Intelligent traffic management system / City wide sensor network etc
Implementation Strategy

Total area
102 Sqkm

Phase I area (TP1)
20.75 Sqkm

Total Resident Population
7,29,200

Total Jobs
3,04,500

Supported Jobs
1,79,500

Development Plan

Projections
Key Statistics – Phase I

- Area 20.75 Sqkm
- Population 0.14 Million
- Employment 45 Thousand
- Residential area 31%
- Industrial area 46%

TP1 - land use

- Residential
- Industrial
- High Access Corridor
- Logistics
- Recreation
- EWS
- Roads & Rail
- Village Buffer
- River, Water bodies & Other
Target Industries

Automobile Industry

Non Polluting Industries

Light Engineering Metals

Logistics

Heavy engineering

Electronics

Precision Engineering

Wind Power Manufacturing

Solar Plant

Auto Anchor, Auto Ancillary, Logistics, Rubber, Glass, Cotton And Private Industrial Parks
THANK YOU