



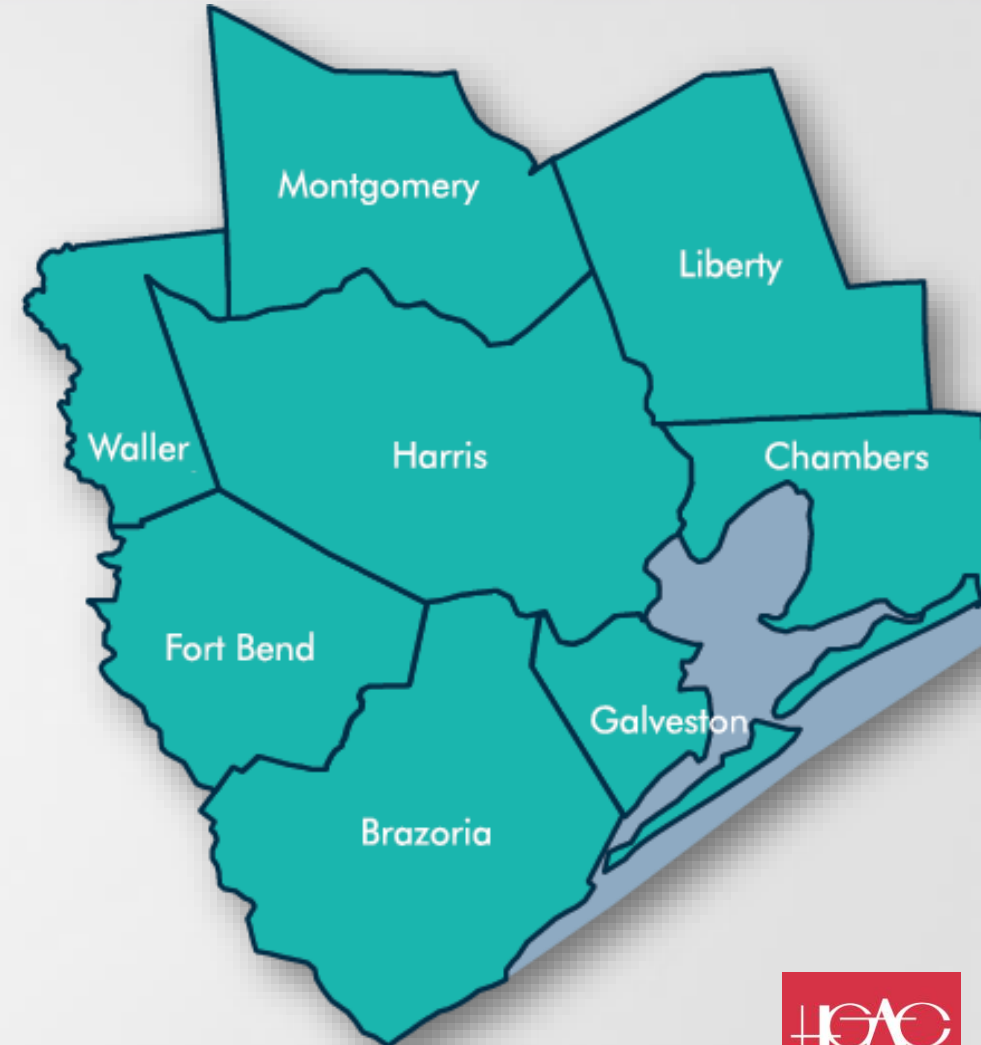
# 2045 REGIONAL TRANSPORTATION PLAN



Clean Water Initiative Workshop  
March 28, 2018

# What is the Regional Transportation Plan?

- Long Term Vision
- Multimodal
- Eight-County Metropolitan Planning Area
- Performance Measures and Targets
- Fiscally Constrained



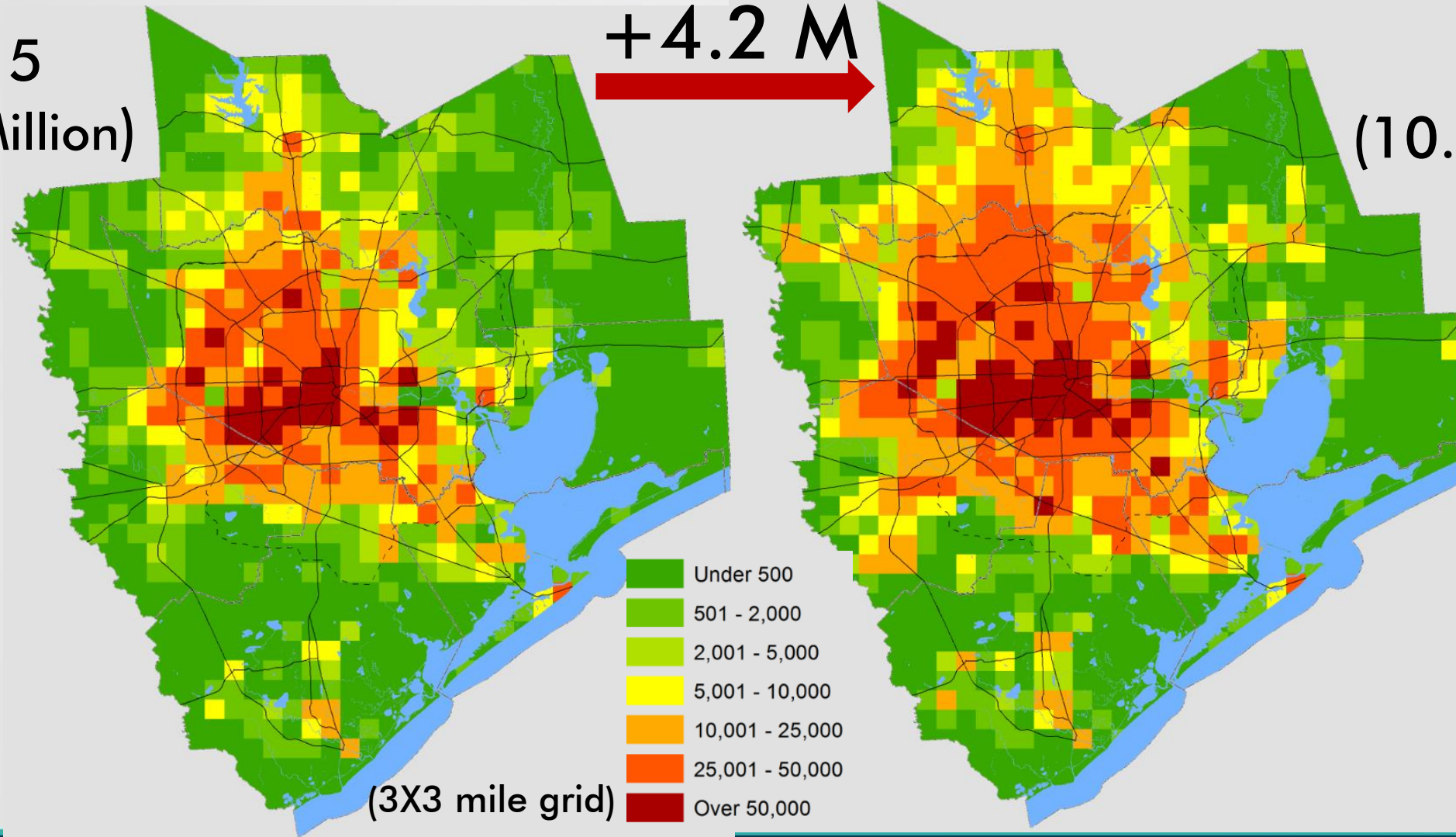
# Household Population

2015  
(6.54 Million)

+4.2 M

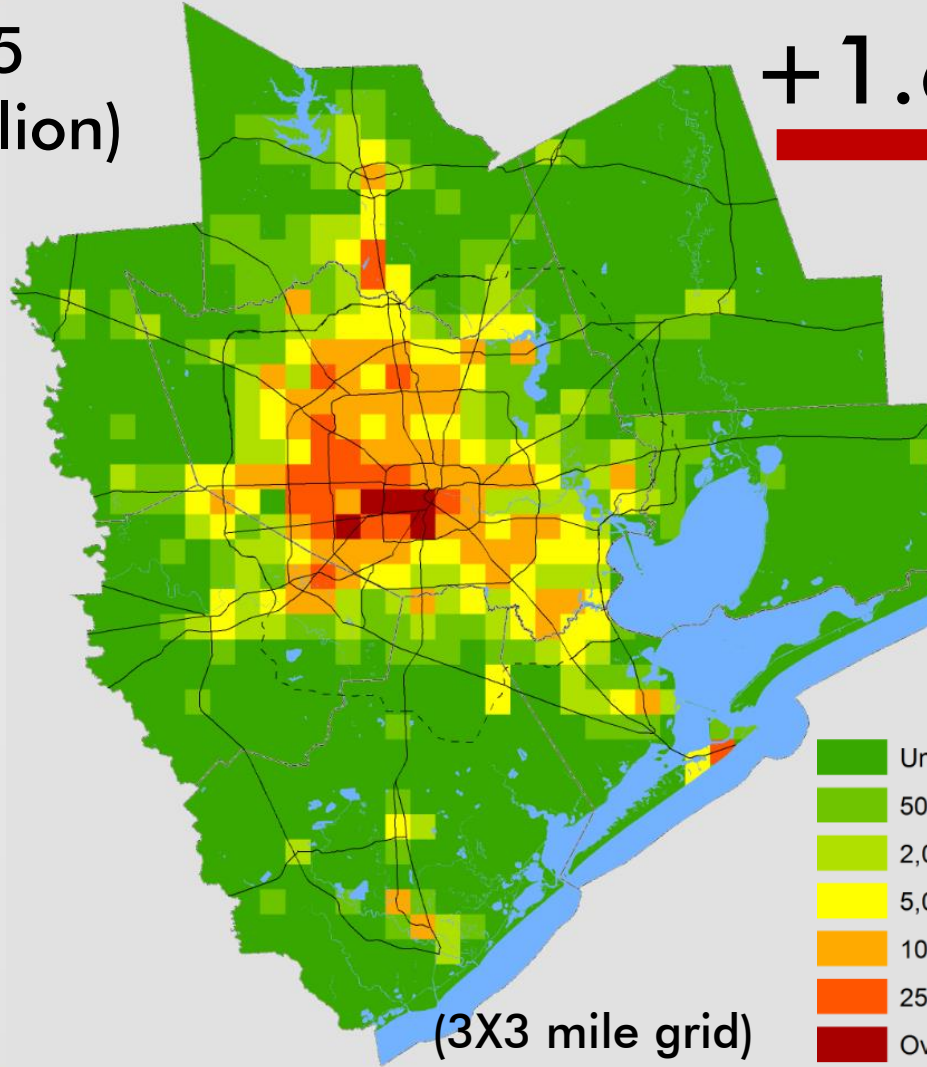


2045  
(10.76 Million)



# Employment

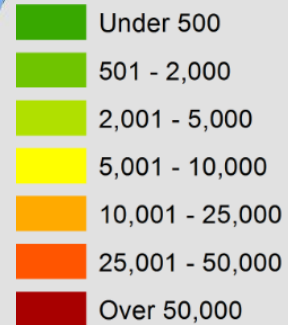
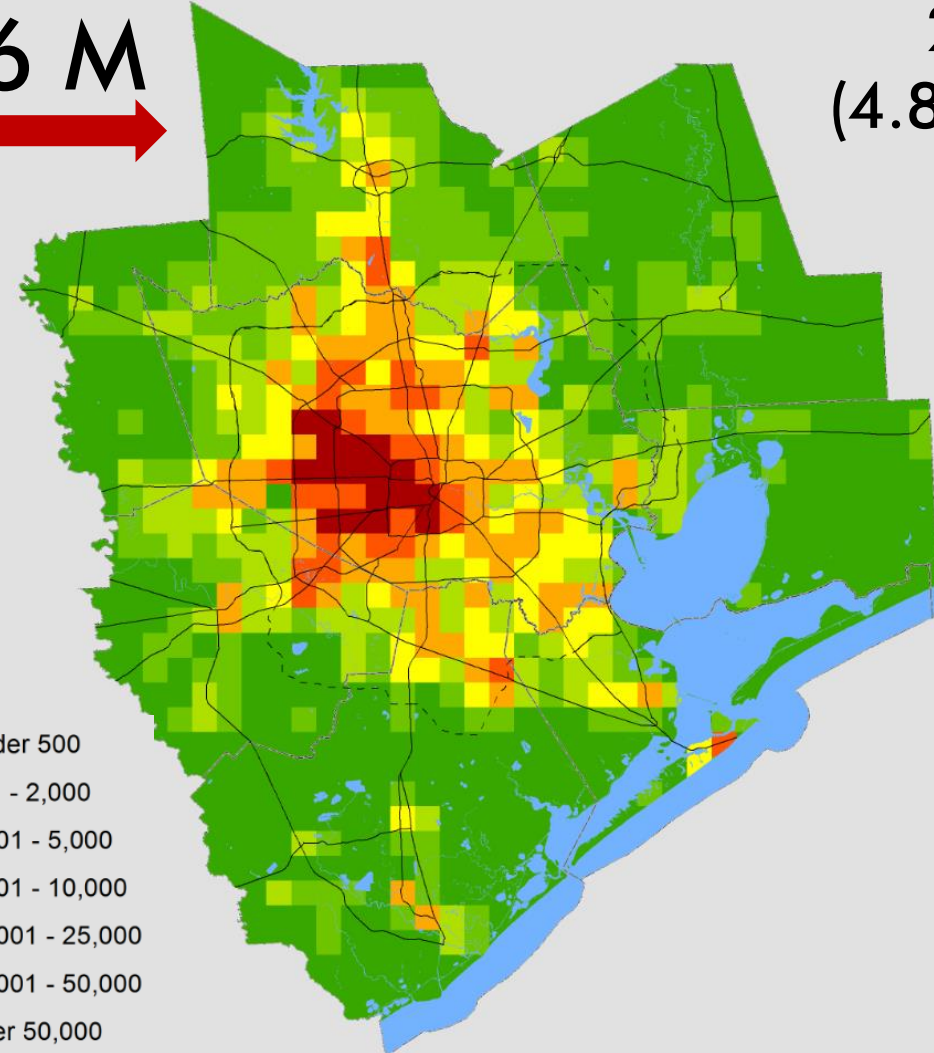
2015  
(3.2 Million)



+ 1.6 M



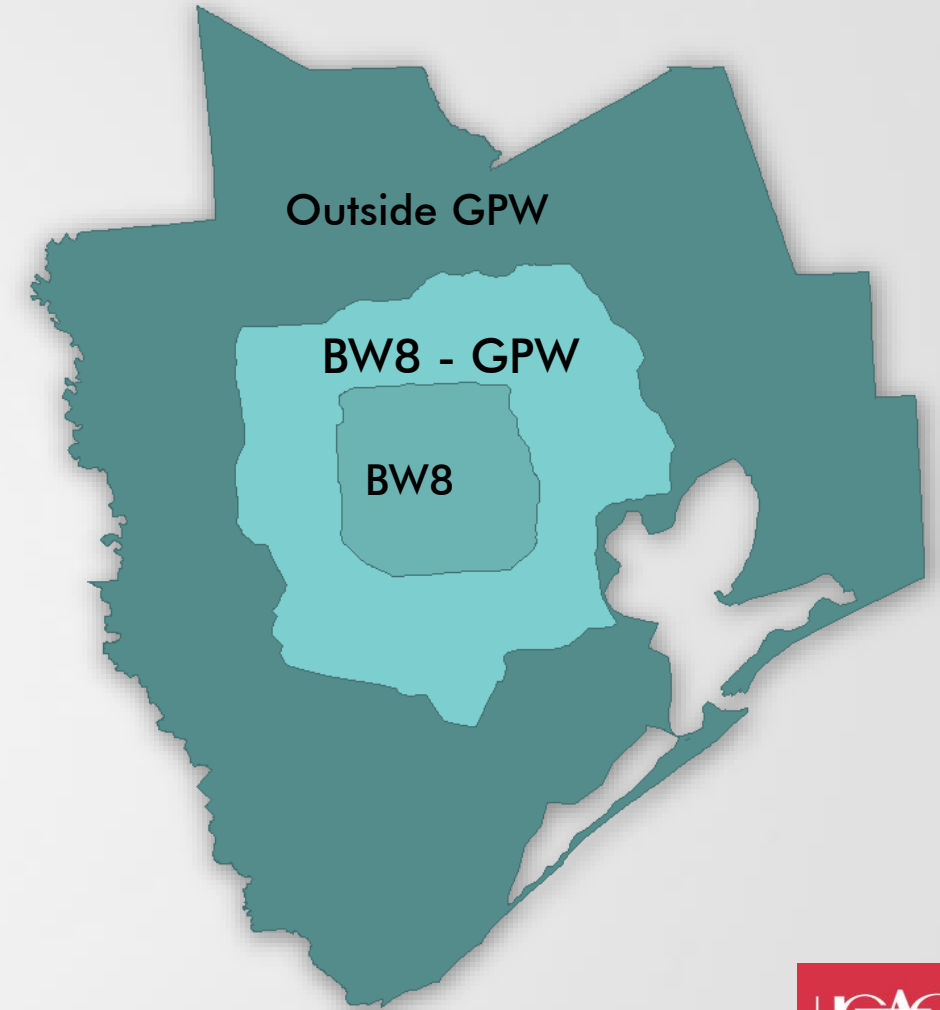
2045  
(4.8 Million)



(3X3 mile grid)

# Growth in Commute Flows to/from Area Inside BW8

- 170% from outside of GPW
- 56% from outside of BW8
- 37% inside BW8



# Transportation Challenges

- Congestion
- Safety
- Infrastructure Condition
- Resiliency
- Environment

# 2016 Transportation Challenges

## VEHICLE CRASHES

Crash Rate  
(Per 100 million annual VMT)

**249.9** 

**↑14%** in 2016 (166,830 crashes)  
220.2 in 2015\* (144,068 crashes)

Source: TxDOT 2016

## VEHICLE MILES OF TRAVEL

Driven Daily  
(Per Day)

**183 MILLION** 

**↑2%** in 2016  
179 million in 2015

Source: H-GAC 2016 (model estimate)

## PLANNING TIME INDEX

80th Percentile  
(Late one day a week)

**1.58** 

**↔ NO NEW DATA** in 2016  
Baseline year in 2014

Source: Texas A&M Transportation Institute 2015

## BICYCLE/VEHICLE CRASHES

Number of Crashes  
(Per year)

**874** 

**↑34%** in 2016  
650 crashes in 2015

Source: TxDOT 2016

## TRUCK CONGESTION

Annual Cost  
(In \$billions)

**\$1.12B** 

**↔ NO NEW DATA** in 2016  
Baseline year in 2014

Source: Texas A&M Transportation Institute 2015

## AIR QUALITY

NOx Emission Reductions  
(In tons per year)

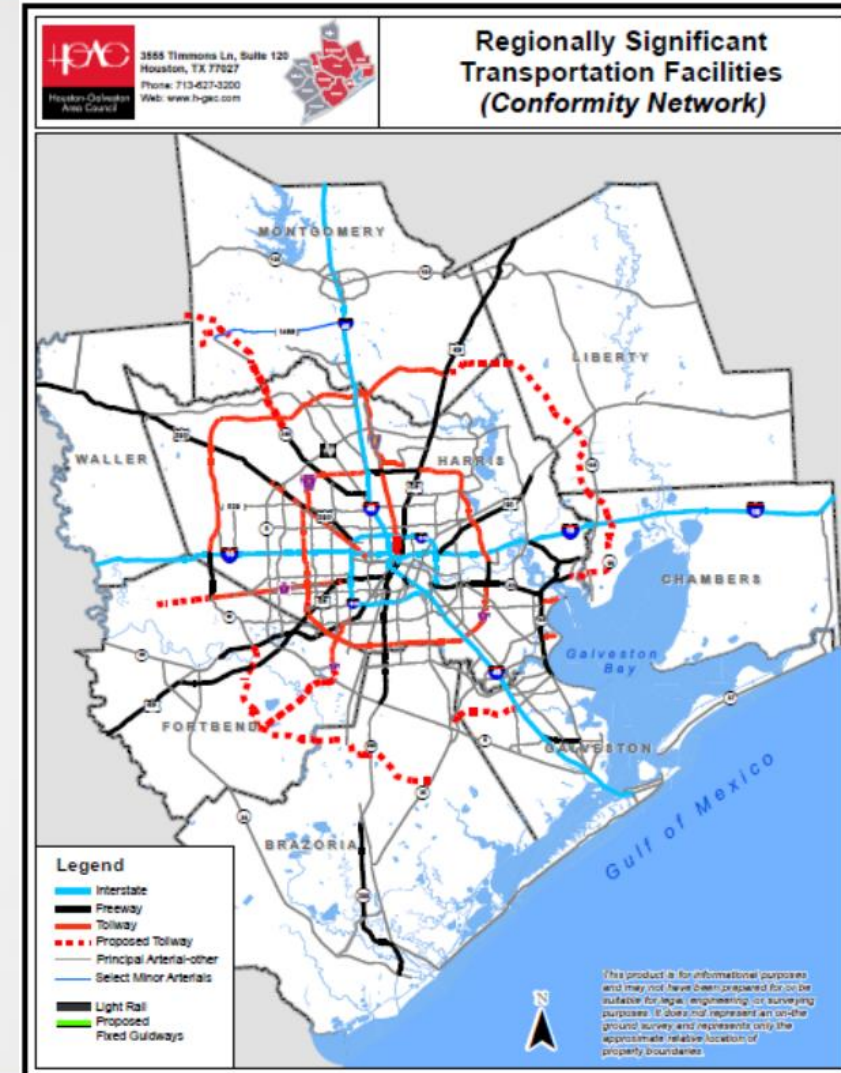
**267.2**  NOx

**↓20%** in 2016  
332.3 tons in 2015\*

Source: H-GAC 2016

# Air Quality Conformity

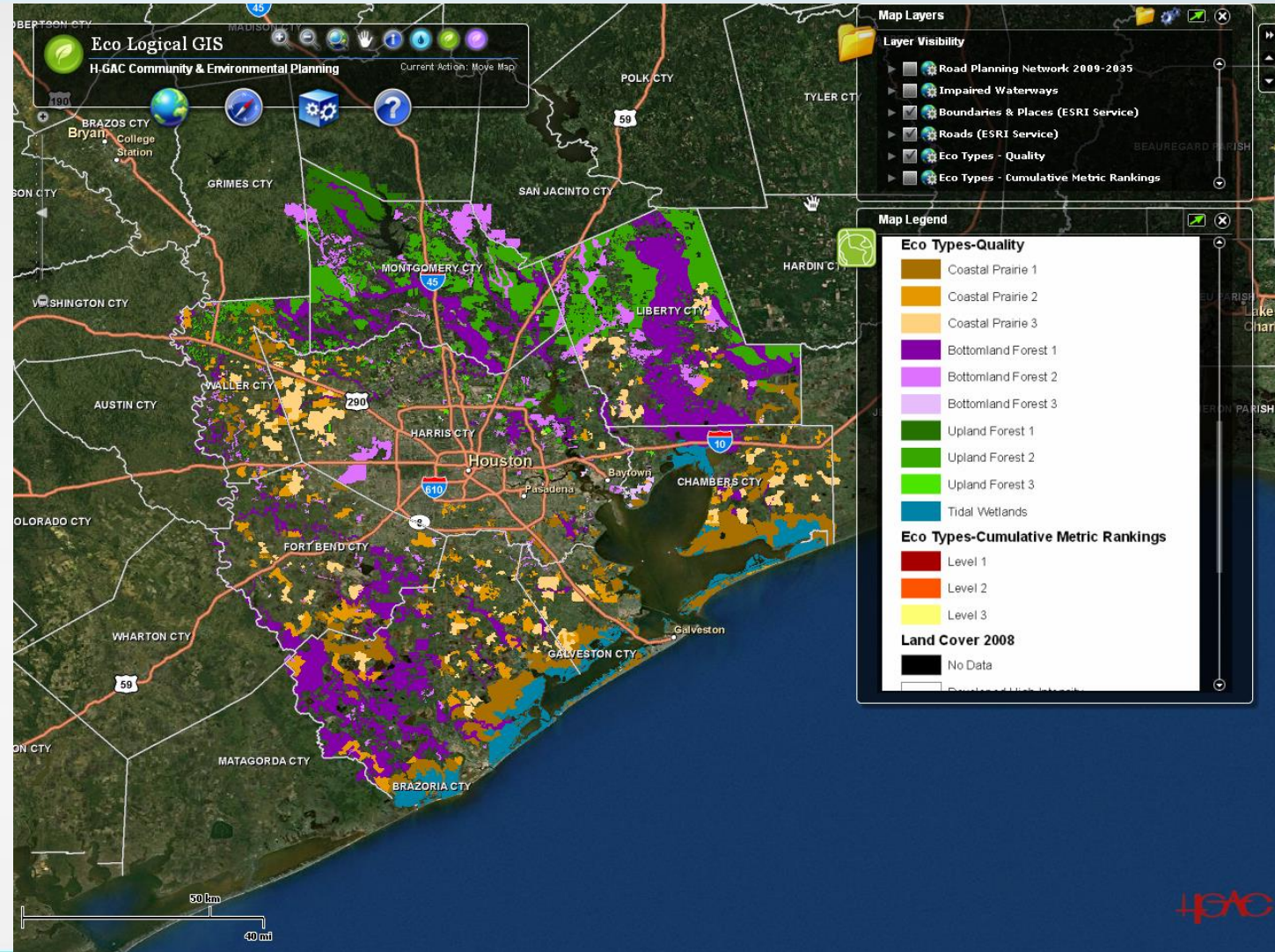
- Non – Attainment Area for 8-Hour Ozone
- Requires Air Quality Conformity



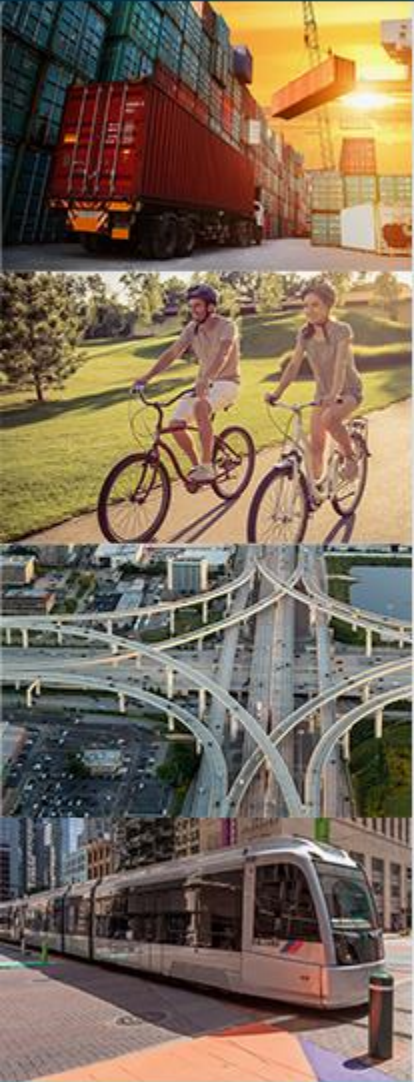


# Eco-Logical

- Conservation Opportunities
- Potential Impacts
- Opportunities to Minimize and Mitigate Negative Impacts

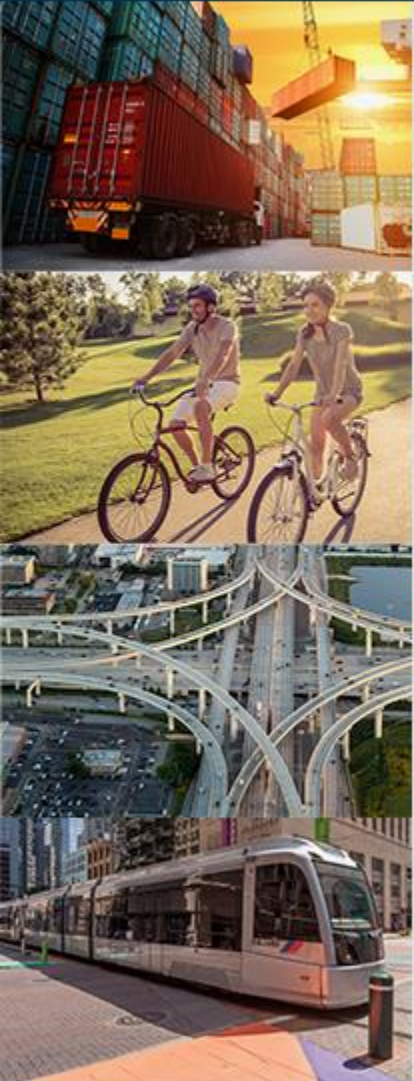


# 2045 RTP Vision [DRAFT]



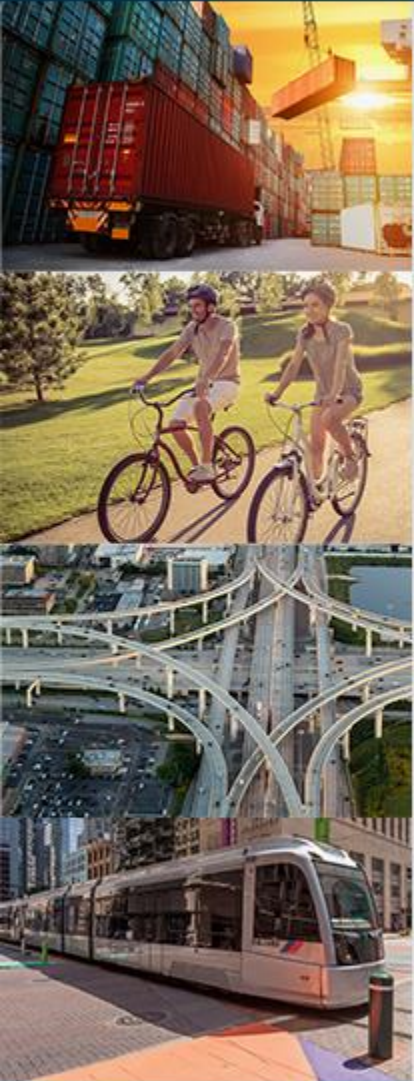
In the year 2045, our region will have an integrated multimodal transportation system, achieved through coordinated public and private investments, that supports a desirable quality of life, enhanced economic vitality and increased safety, access and mobility.

# 2045 RTP Goals [DRAFT]



- Improve Safety
- Move People and Goods Efficiently
- Achieve/Maintain State of Good Repair
- Strengthen Regional Economic Competitiveness
- Conserve and Protect Natural and Cultural Resources

# 2045 RTP Strategies [DRAFT]



- Asset Management
- System Management & Operations
- Expand Multimodal Network Capacity

# 2045 RTP Public Meetings



## Spring 2018 Public Meetings

### THURSDAY, MARCH 15, 2018

Brazoria County Public Meeting  
6 p.m. – 8 p.m.  
Dawson High School  
9434 Hughes Ranch Rd.  
Pearland, TX 77584

### WEDNESDAY, MARCH 21, 2018

Waller County Public Meeting  
6 p.m. – 8 p.m.  
Prairie View A&M  
MSC 204 Grand Ballroom  
100 University Dr.  
Prairie View, TX 77446

### THURSDAY, MARCH 22, 2018

Harris County Public Meeting  
6 p.m. – 8 p.m.  
Alief Community Center  
11903 Bellaire Blvd.  
Houston, TX 77072

### WEDNESDAY, MARCH 28, 2018

Fort Bend County Public Meeting  
6 p.m. – 8 p.m.  
City Hall  
2700 Town Center Blvd N.  
Sugar Land, TX 77479

### THURSDAY, MARCH 29, 2018

Harris County Public Meeting  
5:30 p.m. – 7:30 p.m.  
Kashmere Gardens Multi-Service Center  
4802 Lockwood Dr.  
Houston, TX 77026

### WEDNESDAY, APRIL 4, 2018

Montgomery County Public Meeting  
6:30 p.m. – 8:30 p.m.  
Oscar Johnson Community Center  
100 Park Pl.  
Conroe, TX 77301

### THURSDAY, APRIL 5, 2018

Harris County Public Meeting  
6 p.m. – 8 p.m.  
Grayson Community Center  
13828 Corpus Christi St.  
Houston, TX 77015

### WEDNESDAY, APRIL 11, 2018

Liberty County Public Meeting  
6 p.m. – 8 p.m.  
Cleveland High School  
Cafetorium  
1600 Houston St.  
Cleveland, TX 77327

### THURSDAY, APRIL 12, 2018

Chambers County Public Meeting  
6 p.m. – 8 p.m.  
Eagle Pointe Golf Club and Recreation  
12450 Eagle Pointe Dr.  
Baytown, TX 77523

### THURSDAY, APRIL 19, 2018

Harris County Public Meeting  
6 p.m. – 8 p.m.  
Houston METRO  
1900 Main St.  
Houston, TX 77002

### TUESDAY, APRIL 24, 2018

Galveston County Public Meeting  
6 p.m. – 8 p.m.  
Helen Hall Public Library  
100 Walker St.  
League City, TX 77573

### THURSDAY, APRIL 26, 2018

Harris County Public Meeting  
6 p.m. – 8 p.m.  
H-GAC 2nd Floor Room B  
3555 Timmons Ln.  
Houston, TX 77027

#### FOR MORE INFORMATION

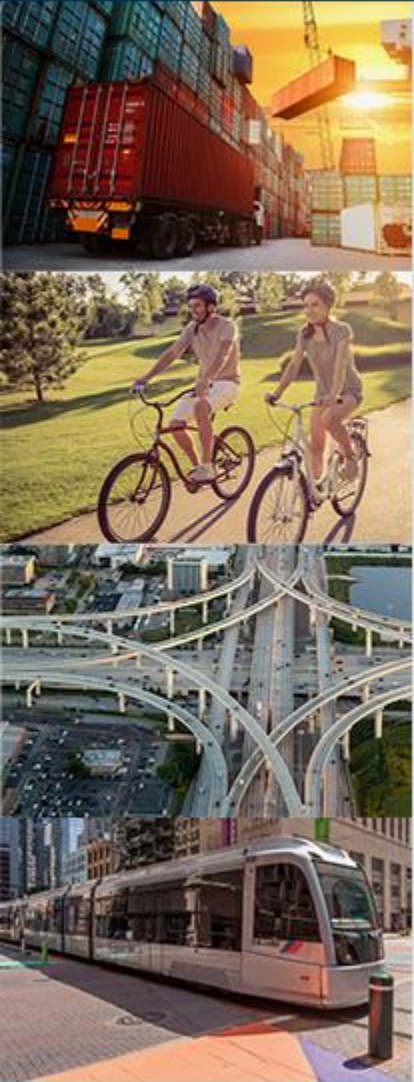
Visit [2045RTP.com](http://2045RTP.com) or contact [Francis.Rodriguez@h-gac.com](mailto:Francis.Rodriguez@h-gac.com).

#2045RTP 2045 RTP: Moving Our Region into Tomorrow



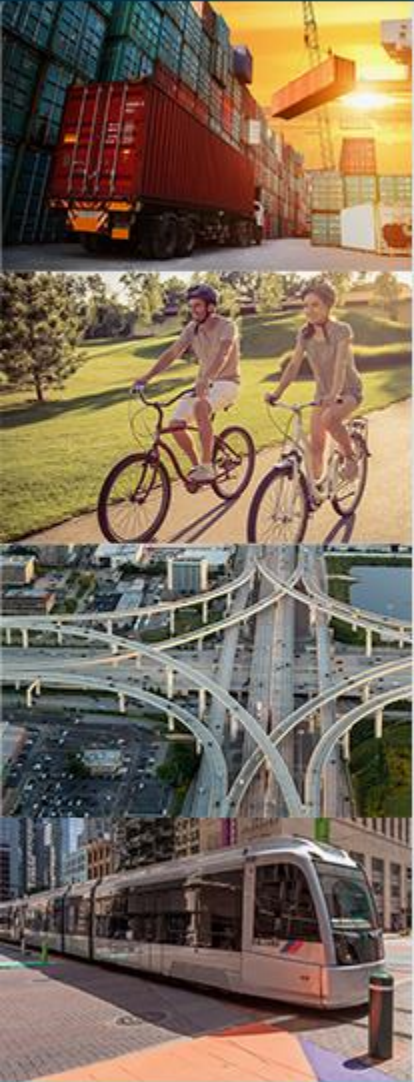
- 13 Public Meetings
- At Least One Meeting in Each County
- March 28 – Sugar Land City Hall
- March 29 – Kashmere Gardens Multi-Service Center
- Social Media: #2045RTP
- Website: 2045RTP.com

# 2045 RTP Schedule



- Spring 2018: Initial Public Outreach
- Summer 2018: System Analysis
- Fall 2018: Recommendations & Projects List
- Winter 2019: Final Draft of 2045 RTP

# Questions



- Questions?