

Draft Case Studies Schedule

Completion Date	Activity
5/15	Coordinating Committee case study workgroup meeting (discuss selection criteria)
5/23	Action Item (selection criteria) for Coordinating Committee
5/24-7/6	Case study partners complete selection criteria questionnaire
7/9 and 7/16 week of	Coordinating Committee case study workgroup meeting to review completed selection criteria questionnaires and form recommendation for Coordinating Committee approval of case study partners
7/24	Action Item (case study partners and approval for consultant selection process) for Coordinating Committee July Meeting
July and August	Complete Plan Source Process
7/25	Send scope to PlanSource partners (consultants)
8/3	Response deadline for PlanSource partners (consultants)
8/6	Send examples of work from Consultants to selected case study partners
8/15	Partner rankings due
8/20	First Choice Consultant Case Study Interviews
8/21-8/24	If needed subsequent Consultant Case Study Interviews
8/31	Board Item due
9/18	Targeted date for H-GAC Board approval (of contracts)
October	Case studies kick-off
April 2013	Case studies complete

UTMB Center to Eliminate Health Disparities

Texas Health Equity Index

List of indicators Currently Available

Demographics

Total Population - 2010
Projected Population Growth - 2015
% of Residents that did not complete high school (25 and older)
% total in poverty
% children in poverty
% Foreign Born
SNAP recipients / pop

Health Care Financing

% Uninsured
% Medicaid
% Children Uninsured
% Children Medicaid
CHIP enrollment
% of Adults who could not see doctor due to cost in the past 12 months
% of Births Medicaid
% insured by type of insurance

Mortality

Deaths from All Causes Rate
Death Rate From Cardiovascular Disease
Motor Vehicle Injury Death Rate
Suicide Death Rate
Diabetes Death Rate
All Cancer Death Rate
Breast Cancer Death Rate
Lung Cancer Death Rate
Stroke Death Rate
Years of Potential Life Lost (YPLL) before age 75 per 100,000 population
Trend for YPLL Rate

Infectious Disease

Chlamydia Rate
Gonorrhea Rate
Chicken Pox Rate
Whooping Cough Rate
AIDS Rate
TB Cases Rate

Prevention / Screening

Mammography Rate
% of Diabetics getting HbA1c screening
Trend for % of diabetics getting HbA1c screening

Natality and Related Items

% Receiving Prenatal Care in First Trimester
% Low Birth Weight Babies
Infant Deaths per 1,000 live births
Fetal Deaths per 1,000 live births

Health Care Infrastructure, Work Force & Quality

Hospital Discharges per 100,000
Beds for acute care per 100,000
Beds for Psys Care / 100,000
ACSC Rate (Preventable Hospital Stays)
(Hospitalization rate per 1000 Medicare enrollees)
Trend for ACSC Rate (Preventable Hospital Stays)
Primary Care Physician Ratio
RN Ratio
LVN Ratio
Dentist Ratio

Health and Quality of Life Measures

Number of Mentally Unhealthy Days in Previous Month
Trend for Mentally Unhealthy Days
Number of Physically Unhealthy Days in Previous Month
Trend for Physically Unhealthy Days
% reporting health as Fair/Poor
Trend for % Fair/Poor
% with No Social-Emotional Support
Trend for % with no social-emotional support

Health Behaviors

% of Adults Who Drinking Excessively (Binge and Heavy Drinkers)
Trend for % Excessive Drinking
% of Adults Reporting No Leisure Time Physical Activity
% of Adults Who Are Obese
Trend for % Obese
% of Adults who Smoke

Social / Physical Environment

Violent Crime Rate
Trend for Violent Crime Rate
Percent of Population with Limited Access to Healthy Foods
Recreational Facilities per 100,000 population
of Unhealthy Ozone Days
Trend for Ozone Days
of Unhealthy PM Days
Trend for PM Days

Peer Region Public Engagement Review Summary

Region	Austin Envision Central Texas	Chicago GoTo 2040	Atlanta Fifty Forward	Sacramento 2035 MTP	Los Angeles (SCAG) RTP/SCS	Nashville Cumberland Region Tomorrow	Seattle/Tacoma Vision 2040
People engaged at meetings and/or through surveys	14,600	17,343	3,401	1,870	1,150	500	4,305
People engaged with digital sources ¹	N/A	10,000	4,633 ²	1,403	13,909	N/A	N/A
Total	14,600³	27,373⁴	8,034	3,273⁵	15,059⁶	500	4,305⁷
Planning Area Population	1,700,000	8,600,000	5,200,000	2,300,000	18,000,000	1,800,000	3,700,000

¹ Includes webpage, Facebook, twitter, telephone and other media

² Atlanta - Includes 200 participants in a photo contest

³ Austin - Total includes figure includes 12,500 survey respondents; Number of people through digital sources or six community workshops was unavailable in the online report.

⁴ Chicago - Includes 10,000 unique webpage views, but there were a total of 50,000 page views

⁵ Sacramento - Numbers for community presentations not available in report

⁶ Los Angeles (SCAG) - Attendance results from 11 subregional planning sessions was not documented

⁷ Sea/Tac - Attendance results from smaller format workshops unavailable in public report, online participation numbers not available.

<u>Goal</u>	<u>Recommended Objectives</u>	* denotes metrics used in multiple objectives		
Our region's residents have access to education and training opportunities to allow them to realize their full potential.	1. Reduce disparity in educational attainment rates.			
	2. Ensure that residents with special needs have equal access to education and training.			
	3. Provide access to training opportunities for life skills and a wide spectrum of careers.			
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Reduce disparity in educational attainment rates.	1. Increase college-career ready students (reading & math skills) (teaching vs. test taking)	Strategy for Obj. 1	Degree completion rate (high school graduate, community college) *	Literacy rate
	2. Improve graduation & retention rates from current levels	Metric for Obj. 1	Number of Vocational certification programs/students*	GHB) Partnerships between public/private & non-profits
	3. Provide adequate teaching resources	Strategy for Obj. 1	Incarceration levels (including by age)*	Access to internet (free or for fee)
	4. Increase actual graduation rates (not inc. GED) in high school	Metric for Obj. 1	Number of households within X radius of higher education opportunity	Degree completion rate (high school graduate, community college)
	5. Increase educational recovery (GED)	Strategy for Obj. 1	Expenditure per student	Incarceration levels
	6. Ensure degree completion and identify barriers to graduation	Strategy for Obj. 1	Percent of schools with high State rating	Truancy & dropout rates
	7. Increase education attainment rates	This is Obj. 1	Average freshman graduation rate	Degree completion rate (high school graduate, community college) by income, gender, ethnicity, female headed households
	8. Increase literacy rate	Metric for Obj. 1	Pupil/teacher ratio	Employment rate and mix for non-degreed residents
	9. Create equitable access to enrollment in early childhood programs, kindergarten and elementary programs [Identify barriers to enrollment]	Strategy for Obj. 1		Number of households within X radius of quality education
				School funding both local/state
				Quantify impacts/results of increased education / outreach / awareness (environment)
				Vocational certification - number of vocational certification programs with a focus on creating a bridge between old skills and newly required skills.
				# certified teachers
				Vocational certification
				STEM programs
				Unfunded mandates (school)

People 1

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Ensure that residents with special needs have equal access to education and training.	1. Improve image of public school system (perspective & perception)	Strategy for Obj. 2	Degree completion rate (high school graduate, community college)*	Degree completion rate (high school graduate, community college)
	2. Education programs for people who are or were incarcerated	Strategy for Obj. 2	Incarceration levels (including by age)*	Incarceration levels
	3. Better incorporate public health education	Strategy for Obj. 2	Number of Vocational certification programs/students*	Quantify impacts/results of increased education / outreach / awareness (environment)
	4. Increase number of annual nutrition campaigns in primary education	Strategy for Obj. 2	Percent of people ages 25+ without college degree	Vocational certification
	5. Make high quality public education a regional priority (OBJECTIVE)	This is Obj. 2	Unemployment rate for people ages 25-64 without a college degree	STEM programs
	6. Provide education on environment in schools, social sciences - focus on whole person, not just job prep., critical thinking art & music. Character - building in schools teaching	Strategy for Obj. 2	Percent limited English Proficiency	Percent of people ages 25+ without college degree
	7. Give education higher priority for funding	Strategy for Obj. 2		Access to internet (free or for fee)
	8. Increase awareness of careers & tech opportunities (create mentoring programs & college programs)	Strategy for Obj. 2		Number of schools with healthy food education
	9. Promote opportunities for disabled residents to have productive quality jobs & contributing members of society	Strategy for Obj. 2		(GHB) Partnerships between public/private & non-profits
	10. Maximize educational opportunities that will provide residents with better earning potential and job flexibility	Strategy for Obj. 2		Vocational certification - number of vocational certification programs with a focus on creating a bridge between old skills and newly required skills.
	11. Improve career counseling	Strategy for Obj. 2		Number of youth groups that are aimed at preserving culture
	12. Encourage broad-based education. opportunities	Moved From Prosperity 1, In Objective 2		Employment rate and mix for non-degreed residents
	13. Local attack & effort to capture 1/3 which drop out to train or educate at different hours than 8-3 daily. After school normal hours. At school have more (___ Port Freeport) tutoring even Saturday, Sunday.	Moved From Prosperity 2, Strategy for Objective #2		Unemployment rate for people ages 25-64 without a college degree
		Benchmark educational attainment vs. other regions		
		State rating of schools		
		% of multilingual graduates		
		Underemployment rates		
		Access to transportation		
		Number of students graduating from higher education programs focusing on sustainability and resiliency		

People 1

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Provide access to training opportunities for life skills and a wide spectrum of careers.	1. Increase/improve "Life skills" education (e.g. financial lit.)	This is Obj. 3	Number of workforce continuing education programs	Vocational certification
	2. Increase on-the-job training opportunities	Strategy for Obj. 3	Literacy rate	Quantify impacts/results of increased education / outreach / awareness (environment)
	3. Aggressive program to implement technology/eLearning especially in rural communities	Strategy for Obj. 3	Percent of people ages 25+ with college degree	Literacy rate
	4. Prepare for international economy (programs - increase # of)	Strategy for Obj. 3	Incarceration levels (including by age)*	Enrollment data - by household income, gender, ethnicity, and language
	5. Provide vocational job training and workforce development opportunities to adapt to newly emerging growth areas of the economy	Strategy for Obj. 3	Salaries by vocation/occupational wages	Percent of people ages 25+ with college degree
	6. Provide training for urban agriculture, rural agriculture	Strategy for Obj. 3	Benchmark educational attainment vs. other regions*	Water conservation education. Programs
	7. Reduce the digital Divide and increase access to free tech.	Strategy for Obj. 3	% of people w with 2 yr. degree	Incarceration levels
	8. Make technical CERTs more respectable	Strategy for Obj. 3	Salaries by vocation/occupational wages (GHB) Partnerships between public/private & non-profits Vocational certification - number of vocational certification programs with a focus on creating a bridge between old skills and newly required skills. Number of schools with healthy food education Benchmark educational attainment vs. other regions Employment rate and mix for non-degreed residents # of farmers markets Publicly available Wi-Fi Industry vocational shortage Access to internet (free or for fee) Underemployment rates Number of higher education programs focusing on sustainability and resiliency Occupational health % of multilingual graduates % of people w/2 yr. degree Number of students graduating from higher education programs focusing on sustainability and resiliency	
	9. Encourage diversity in training programs (i.e. creative industries, hands-on, etc....)	This is Obj. 3		
	10. Increase numbers of tech schools, programs and access to education/recruiting to programs. Increase # of people with high- level training CERT's	Strategy for Obj. 3		
	11. Provide life-skills training (Incorporate into other programs)	This is Obj. 3		
	12. Decrease incarceration levels	Moved to Places Goal #5		
	13. Increase opportunities for certification, skills, trades, and other non-college opportunities (emphasize vocational)	Moved from Prosperity #1, In Objective #3		

People 1

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Align workforce supply with demand	Moved to Prosperity Goal #1
	2. Improve corporate/leadership development/pipeline	Moved to Prosperity Goal #2
	3. Decrease unemployment for degreed labor force	Moved to Prosperity Goal #2
	4. Prepare the workforce for the "green" economy	Moved to Prosperity Goal #1
	5. Decrease unemployment for non-degreed labor force	Moved to Prosperity Goal #2
	7. Enhance awareness of and responsiveness and agility to shifting, real-time to workforce demand and supply (Look at leadership Houston & other studies)	Moved to Prosperity Goal #1
	8. Promote/provide incubators for entrepreneurial skills	Moved to Prosperity Goal #2

of businesses, jobs, taxable assets
Employment visas in region by industry
STEM programs
PhDs, masters degree graduates, & professional degrees

6-26-2012

Goal	Recommended Objectives
Our region’s residents live in safe, healthy communities with transportation options, including walking, biking, transit and driving.	1. Encourage community planning and design that allows for shorter trips and accommodates safe pedestrian and bicyclist travel.
	2. Improve the safety of all transportation systems.
	3. Strengthen regional collaboration to increase transportation funding options.
	4. Increase access to commute alternatives, including transit, carpools, vanpools and telework.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Encourage community planning and design that allows for shorter trips and accommodates safe pedestrian and bicyclist travel.	1. Increase significantly use of mass/ public transit (and walking, biking, and other/alternative forms of transp.)	This is Obj. 1	Vehicle Miles Traveled (VMT) (daily total and per capita)	VMT (daily total)
	2. Incentive provide more facilities (Like showers) to encourage biking	Strategy for Obj. 1	Mode Share: public transit, walk/bike, carpool, single occupancy vehicles	Effective access to bike trails/facilities
	3. Increase private participation in providing alternative commuting (nuride)	Strategy for Obj. 1	# of mixed use/transit oriented developments	# people/trips participating in alternative commuting employers
	4. Increase shade in public spaces (natural & artificial)	Strategy for Obj. 1	Housing + Transportation (H+T)Index *	Total canopy cover
	5. Integrate transit programs so I-ticket rides are possible	Strategy for Obj. 1	Frequency of transit and number of transit boardings	Mode Share: public transit
	6. Encourage use of alternative transportation modes	This is Obj. 1	Number of transit boardings	Mode Share: carpool
	7. Measure LOS for Pedestrians Bike	Metric for Obj. 1	Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects*	Mode Share: SOVs (single occupancy vehicles)
	8. Improve bike and pedestrian infrastructure	Strategy for Obj. 1	Number/frequency of crashes involving bikes/pedestrians *	Safe bike route to transit facility
	9. Carshare and vanshare is a lower cost transit type	Strategy for Obj. 1	Number of jurisdictions in the region with a Complete Streets policy*	# of mixed use/transit oriented development
	10. Significant use of mass/public transit	This is Obj. 1	Number of governmental entities that require construction of sidewalks with new development/redevelopment	Existing vs. projected users
	11. Increase number of bikeshare programs & carshare (zipcar) programs - (neighborhood & business) Implement bike share programs in all major regional activity centers	Strategy for Obj. 1	% LMI (low and moderate income) households within access to transit/bike/ped	Multi-modal level of service

People 2

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
12. Bayous ETC vs. multi-use corridors, bikeways, greenways, etc. (see new objective), connections between/among as much w/21 million more as we do today	Moved from Places #2	Mean travel time to work in minutes	Mode Share: walk or bike
13. Increase regional transit investment	Moved from Places #1	Mean travel time to work in minutes	Measure of walkable communities
14. Promote & encourage transportation options	Moved from Places #1		Housing + Transportation (H+T) (available for Urban only - TTI currently developing rural) Index and mapping gaps between transit and targeted demographics
15. Measure bike & pedestrian counts in our region	Moved from Places #1		Per capita VMT
16. Expand transit svc. area	Moved from Places #1		Proportion of jurisdictions in the region with standards in place
17. Prioritize access over mobility	Moved from Places #1		Measure ridership of modes, trips/day, frequency of transit
18. Measure LOS for Pedestrians Bike	Moved from People 5		Increase in number of transit boardings
			Percent of people living within access to transit
		Percent of people living within access to bikeway/trail	
		Mode share, percentage of commute share by mode split (pedestrians, bike, transit)	
		Commute alternative (and alternative mode trips) vs. single occupancy vehicle usage / trips	
		Access to transit options/mobility	
		Percent of households within 2 km (1.25 miles) of a transit facility (10 minute bike at 8 MPH)	
		Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects	

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Improve the safety of all transportation systems.	1. Improve pedestrian and bike safety	This is Obj. 2	Number of jurisdictions in the region with a Complete Streets policy in place	The proportion of jurisdictions in the region with a Complete Streets policy in place
	2. Adopt complete streets program - safe for all users	Strategy for Obj. 2	Number of safe routes to school programs in the region	Number/frequency of crashes involving bikes/pedestrians (strategy is to decrease this number)
	3. Improve multi-modal safety on existing network (key combined)	This is Obj. 2	Number of lane miles of roadway identified as deficient	Walkable community centers in neighborhoods
	4. Bike trail safety for children	Strategy for Obj. 2	Number of deficient bridges	The count of "clear" & "safe" sidewalks within a half-mile radius of schools and transit stops
	5. Invest in rebuilding sidewalk infrastructure on routes to schools and transit stops w/in a half-mile radius (key)	Strategy for Obj. 2	Number/frequency of crashes involving bikes/pedestrians	Statistics on reduction/improvement of pedestrian accidents/conflicts

People 2

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
6. Increase number of local governments with pedestrian lighting ordinances	Strategy for Obj. 2	Number/frequency of motor vehicle crashes (all)	Multi-modal level of service
7. Increase number of local governments with complete streets policies	Strategy for Obj. 2		Number of safe routes to school (SRTS) programs in the region
8. Increase education programs - how to walk/bike/ride safely	Strategy for Obj. 2		Proportion of jurisdictions in the region with standards in place
9. Complete streets	Strategy for Obj. 2		Percent of K-12 in the region that can safely be walked /
10. Provide safe routes to school	Strategy for Obj. 2		Number of safe routes to school (SRTS) programs in the
11. Increase safety of all transportation modes	Moved From People 4, In Obj. 2		Percent of municipal capital improvement funds and "general mobility" funds designated for safe sidewalks
12. Increase focus on safety of walking & biking modes of transportation	Moved From People #4, In Obj. 2		Number/frequency of crashes involving bikes/pedestrians (strategy is to decrease this number)

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Strengthen regional collaboration to increase transportation funding options.	4. Set minimum funding (local, state & regional) requirements for pedestrians., bike & transit projects	Strategy for Obj. 3	Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects*	Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects
	5. Increase transit funding & access to transit facilities - end diversion of transit funding	Strategy for Obj. 3	Number of safe routes to school (SRTS) programs in the region*	Effective access to bike trails/facilities
	6. Local flexibility in transportation funding	Strategy for Obj. 3	Dollars in toll road revenue	Safe bike route to transit facility
				Measure ridership of modes, trips/day, frequency of transit
				VMT (daily total)
				The count of "clear" & "safe" sidewalks within a half-mile radius of schools and transit stops
				Access to transit options/mobility
				Increase in number of transit boardings
				Measure of walkable communities
				Proportion of jurisdictions in the region with standards in place
				Mode Share: public transit
				Parking cost/availability

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Increase access to commute alternatives, including transit, carpools, vanpools and telework.	1. Increase database of trails available	Strategy for Obj. 4	Number of safe routes to school (SRTS) programs in the region*	Access to transit options/mobility
	2. Improve connectivity especially around existing communities	Strategy for Obj. 4	Mode Share: public transit; walk/bike; carpool; SOVs; etc.*	Number of safe routes to school (SRTS) programs in the region
	3. Focus/ provide opportunities for seniors	Strategy for Obj. 4	Percent of people living within access to transit	Parking cost/availability

People 2

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Developing & funding multi-modal access (eliminating barriers) & infrastructure	Strategy for Obj. 4	Percent of people living within access to bikeway/trail	The proportion of jurisdictions in the region with a Complete Streets policy in place
5. Make multi-modal trans. Access to a greater portion of the population	This is Obj. 4	Number of transit boardings *	Mode share, percentage of commute share by mode split (pedestrians, bike, transit)
6. Develop transportation options/ infrastructure. to support safe & healthy communities	Strategy for Obj. 4	Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects*	The count of "clear" & "safe" sidewalks within a half-mile radius of schools and transit stops
7. Have land use that allows access to transportation choices	Strategy for Obj. 4	Number of bikes on buses*	Percent of municipal capital improvement funds and "general mobility" funds designated for safe sidewalks
8. Increase pedestrian & bike facilities around elementary, middle, high schools, connect to trails	Strategy for Obj. 4	# people/trips participating in commute alternatives	Mode Share: walk or bike
9. Increase (focus) infrastructure improvements to existing communities (infill) bike & pedestrian infrastructure & lighting	Strategy for Obj. 4	# of companies participating in commute alternative programs	Effects of household income, ethnicity, gender, linguistic isolation on travel behavior
10. Improve signage for biking & walking (maps, way finding) & connections to transit	Strategy for Obj. 4		Proportion of jurisdictions in the region with standards in place
11. Promote/ provide job access w/buses in rural communities	Strategy for Obj. 4		Percent of municipal capital improvement funds and "general mobility" funds designated for safe sidewalks
12. Availability of modes to all income & age levels	This is Obj. 4		# of mixed use/transit oriented development
13. Increase transportation options for zero-auto and low-income households (key)	Strategy for Obj. 4		Measure of walkable communities
14. Easy access to route information so you know you have a clean, safe route from start to end	Strategy for Obj. 4		Number of housing units close to transportation centers, % LMI (low and moderate income) households
15. Increase significantly access to mass/ public transit (and walking, biking, and other/alternative forms of transp.)	This is Obj. 4		Statistics on reduction/improvement of pedestrian accidents/conflicts
			Percent of households within 2 km (1.25 miles) of a transit facility (10 minute bike at 8 MPH)
			Percent of bicycle commuters who are female
			Multi-modal level of service
			Percent of K-12 in the region that can safely be walked / biked to (2 mile radius), and if that percentage growing or shrinking over time
			Number of housing units built with walkable access to retail, education and transportation
			Percent of people living within access to transit

Original Metrics
Housing + Transportation (H+T) (available for Urban only - TIT currently developing rural) Index and mapping gaps between transit and targeted demographics
Walkable community centers in neighborhoods
Increase in number of transit boardings
The count of "clear" & "safe" sidewalks within a half-mile radius of schools and transit stops
Number/frequency of crashes involving bikes/pedestrians (strategy is to decrease this number)
Effective access to bike trails/facilities
Safe bike route to transit facility
Percentage of transportation funding approved by the TPC (Transportation Policy Council) for pedestrian and transit projects
Commute alternative (and alternative mode trips) vs. single occupancy vehicle usage / trips
Percent of people living within access to bikeway/trail
Increase number of governmental entities that require construction of sidewalks with new development/redevelopment
Mode Share: public transit
VMT (daily total)
Percent of existing street and road grid signed for 30 MPH maximum speed limit or less, and if that percentage is growing or shrinking over time
Mode Share: carpool
Measure ridership of modes, trips/day, frequency of transit

26-2012

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Develop neighborhoods that foster interaction & trust	Moved to Places Goal #5
	2. 100% of housing to be safe & resilient	Moved to Places Goal #3
	3. Promoting relationships promotes good health	Moved to Places Goal #5
	4. Expand number of "neighborhood" schools	Moved to Places Goal #5

<u>Goal</u>	<u>Recommended Objectives</u>
Our region enjoys clean and plentiful water, air, soil and food resources to sustain healthy future generations.	1. Meet and maintain national air quality standards.
	2. Continue to reduce levels of bacteria and other pollutants throughout our region’s waterways.
	3. Increase capacity for local food production by promoting stewardship of prime farmland, water resources, and improved business infrastructure for local food production including farming, processing and distribution.
	4. Encourage use of native plants/vegetation in landscaping to decrease water demand.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Meet and maintain national air quality standards.	1. Create policies responsive to changing environmental conditions	Strategy for Obj. 1	Number of counties and percent of population in non-attainment area	Count active ordinances regarding environmental conditions
2. Continue to reduce levels of bacteria and other pollutants throughout our region’s waterways.	2. Incorporate smart-irrigation practices	Strategy for Obj. 1	Number of high 8-hour ozone days	Meet EPA National Ambient Air Quality Standards (NAAQS) and state air toxics rules
	3. Support & fund local, regional, & state water plans.	Strategy for Obj. 1	Number of polluting vehicles/engines replaced through Clean Vehicles and AirCheck programs	(Harris Co FCD data) determine most effective removal sites for impervious surfaces
	4. Develop system to encourage equitable pay-as-you-go system to pay for resources	Strategy for Obj. 1	Number of air industrial upsets	Reduce greenhouse gas levels to X level by X year
	5. Exceed national clean air & water standards, identify local standards	Metric for Obj. 1	Number and percentage of stream miles for water bodies with bacteria impairments	Compare SIP appropriations to TCEQ monitoring reports
	6. Reduce impervious surface in drainage channels (Increase landscape infrastructure)	Strategy for Obj. 1	Number of jurisdictions adopting Bacteria Implementation Group (BIG) Plan	Calculate regional carbon footprint
	7. Reduce # of air action days - can be active	Metric for Obj. 1	Number and percentage of stream miles that fully meet state water quality standards for contact recreation	Water quality data compared to baseline – total suspended solids, bacteria, etc
	8. Minimize industrial & vehicular air pollutant emissions	Strategy for Obj. 1	Number and listing of TMDL implementation plans and watershed protection plans within the region.	Air quality data compared to baseline
	9. Reduce carbon footprint	Strategy for Obj. 1		
	10. Attainment of clean air & water act requirements	Metric for Obj. 1		

People 3

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Increase capacity for local food production by promoting stewardship of prime farmland, water resources, and improved infrastructure business infrastructure for local food production including farming, processing and distribution.	1. Increase local agriculture, farmers markets, access to food. Increase #s of & promote rooftop, community gardens	Strategy for Obj. 2	Acres of prime farmland conversion	Number of food deserts in the region
	2. Promote/increase ability to have urban agriculture	Strategy for Obj. 2	Acres of active/working agricultural land	Number of community gardens
	3. Retain acreage of prime farm land	Strategy for Obj. 2	Revenue from agricultural production	Acres of prime farmland conversion
	4. Utilize low-effort trees (i.e. fruit trees)	Strategy for Obj. 2	% of water demand being met	Number of households within X radius of a grocery store
	5. Increase local food production & victory-type gardens	Strategy for Obj. 2	% of population within x radius of farmers market*	Number of fresh produce outlets per 1,000 residents
	6. Protect & preserve & promote fertile/healthy soil for all uses	Strategy for Obj. 2		Regional food swamps - poor quality food
	7. Fund and complete regional food assessment and form food policy council supported by local and regional governments. (There is a Houston food policy workgroup addressing these issues, I can provide more information).	Strategy for Obj. 2		Measure availability of healthy fast food places
	8. Formation of food policy council & do Regional food assessment	Strategy for Obj. 2		
	9. Increase number of community gardens	Strategy for Obj. 2		
	10. Farmer Markets	Strategy for Obj. 2		
	11. Increase locally grown resources/food	Moved from Places 2, Strategy for Obj. 2		
	12. Revalue agricultural lands, including within the community	Moved from Places 1, Strategy for Obj. 2		
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Encourage use of native plants/vegetation in landscaping to decrease water demand.	1. Max use of sustainable, native vegetation - Education of native vegetation -(metric - reduce acreage of lawns/St. Augustine) - increase native grasses	Strategy for Obj. 3	DATA GAP	Geographic number of areas where native vegetation are not permitted
	2. Native plants	This is Obj. 3	Proximity to or number of native plant nurseries	Mapping of acres of coastal native landscape
			Number of educational programs (Texas Master Gardeners, Master Naturalists, Urban Harvest, etc.	
			Frequency of native plant classes being taught in the region	

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Decrease the number of food deserts in the region	Moved to People Goal #4
	2. Maintain green spaces/park spaces	Moved to Places #2
	3. Conserve natural resources - Preserve prairies - (stop changing ecosystem types, wetlands)	Moved to Places Goal #2
	4. Incentive programs to maintain/conservate natural spaces/resources	Moved to Places Goal #2
	5. Max green space by sustainable./green infill	Moved to Places Goal #2
	6. Respect the needs for all organisms & ecosystems to have access to clean water, air, food, habitat. Decrease childhood asthma & other illnesses caused by poor air quality. Decrease food deserts	Moved to Places Goal #2 and People Goal #4
	7. Incorporate research & awareness of natural resources throughout educational systems	Moved to Places Goal #2
	8. Increase education/awareness of ecosystems (Reach out to local adv-groups)	Moved to Places Goal #2
	9. Increase water (resource) conservation and reuse and develop policies to promote conservation & reuse	Moved to Places Goal #2
	10. Increase % of water bodies that meet designated uses ("fishable, swimmable, drinkable")	Moved to Places Goal #2
	11. Restrict/decrease water discharge/pollutants	Moved to Places Goal #2
	12. Investigate alternative water supply options	Moved to Places Goal #2
	13. Reduce impervious surface in drainage channels (Increase landscape infrastructure)	Moved to Places Goal #2
	14. Desalination - increase use of	Moved to Places Goal #2
	15. Reduce reliance on desalination practices	Moved to Places Goal #2
	16. Increase water conservation programs & education - incorporate flexibility for edible plants	Moved to Places Goal #2
	17. Ensure adequate water supply for all uses. Create & retain water supply	Moved to Places Goal #2

Goal	Recommended Objectives
Our region’s residents are physically and mentally healthy and are able to lead healthy lifestyles.	1. Increase opportunities for residents to be physically active.
	2. Increase access and availability of health services, especially in areas/populations that are currently underserved.
	3. Create an emphasis on wellness focusing on lifestyle choices that will reduce health care costs.
	4. Increase access of all residents to healthy, nutritious food.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Increase opportunities for residents to be physically active.	1. Increase park space & active recreational opportunities (e.g. sports fields, trails)	Strategy for Obj. 1	Percent of residents within x radius of a trail	Access to natural areas
	2. Balance investments in spectator vs. participative sports	Strategy for Obj. 1	Average county walk score*	Quality of life index
	3. Increase school district policy to include more physical activity	Strategy for Obj. 1	Percent of residents within x radius of a park	ISD Health programs./amt of time for recess
	4. Develop more community/neighborhood/senior centers - ensure funding is available	Strategy for Obj. 1	Obesity rate by county for adults and children	Bike trail access in communities.
	5. Promote alt. modes of transportation	Strategy for Obj. 1	Number of governmental entities that require construction of sidewalks with new development/redevelopment	Number of spark parks/ geographical location
	6. Increase avail. of well programmed local parks, trails, green space	Strategy for Obj. 1	Number of governmental entities with parkland dedication ordinances	Walkability score
	7. Increase joint-use agreements for facilities & increase spark-park (add to mid/high school too) to region-wide.	Strategy for Obj. 1		Park data by zip code
	8. Provide better Walkability - tie better to health	This is Obj. 1		Measure of economic costs – degree to loss of work time; insurance
	9. Increase recreational opportunities	Moved from Prosperity 4, Strategy for Obj.1		Measure/need for school health advisory committees
				Measure of injury prevalence

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Increase access and availability of health services, especially in areas/populations that are currently underserved.	1. Increase access and availability for primary preventative health services	This is Obj. 2	DATA GAP	Number of MSA's (facilities)
	2. Distribution of health care facilities especially to under served facilities	This is Obj. 2	Number of uninsured	Healthy Houston Survey
	3. Increase access to behavioral/mental health facilities (Increase facilities & options to meet demand)	This is Obj. 2	Percent of residents within x radius of hospital or trauma center	MHMR
				Measure of disabilities – mental and physical health aspects
				Health screening data

People 4

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Create an emphasis on wellness focusing on lifestyle choices that will reduce health care costs.	1. Better, accessible, affordable health care for all people	This is Obj. 3	Number of head start programs	WIC
	2. Equitably distribute & equal access to all # of the above (# of people)	This is Obj. 3	Number of public housing units that have an anti-smoking policy	MHMR
	3. Improve access to affordable healthcare (transportation to facilities) including mental healthcare	This is Obj. 3	Number of participants in the WIC program	Number of head starts
	4. De-stigmatize mental health issues	Strategy for Obj. 3	Infant mortality rate	Measure/need for school health advisory committees
	1. Wellness programs to educate residents on how to achieve and maintain physical and mental health	This is Obj. 4	Number of uninsured	Number of HIA policies
	2. Focus programs/availability on pre-natal & early childhood for healthy nutrition	Strategy for Obj. 4	Allocation of dollars for preventative health	Measure of availability of fast/junk food from a certain area/population
	3. Promote policy campus - based SHAC (School Health Advisory Committee) - need to meet more than quarterly	Strategy for Obj. 4	Number of senior centers	Number of public housing units that have an anti-smoking policy
	4. Create standard of health-impact assessment for projects	Strategy for Obj. 4	Average incidence rates of preventable diseases (diabetes, cardiovascular)	ECI
	5. Decrease rate of people with selected preventable diseases	Metric for Obj. 4		EPA Guidelines (Healthy Schools)
	6. Decrease rate of pesticide poisoning	Metric for Obj. 4		Rate of asthma, COPD
7. Create regional smoking policy/create comprehensive tobacco policy	Strategy for Obj. 4		March of Dimes	
8. Decrease childhood asthma & other illnesses caused by poor air quality.	Moved from People #3, Metric for Obj. 4		A&C Foundation	

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Increase access of all residents to healthy, nutritious food.	1. Increase # of healthy food options @ restaurants	Strategy for Obj. 5	Number of fresh produce outlets per 1,000 residents	Measure of availability of fast/junk food from a certain area/population
	2. Decrease # of food desert	This is Obj. 5	Number of households within X radius of a grocery store	Number of food deserts (USDA rate)
	3. Provision of healthy lunches/ food programs	Strategy for Obj. 5	Number of food deserts in the region	Measure of school systems that provide healthy foods
	4. Increase locally grown resources/food	Moved from People #2, Strategy for Obj. 5	% of population within x radius of farmers market*	

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	2. Increase building standards for quality indoor air	Moved to Places Goal #3
	3. Encourage pub/private partnerships to increase availability of	Moved to Places Goal #3
	4. Integrate supportive housing into main-stream society	Moved to Places Goal #3
	5. Increase availability of a variety of housing options seniors & others	Moved to Places Goal #3
	6. Decrease gang participation	Moved to Places Goal #5
	7. Increase safety of all transportation modes	Moved to People Goal #2
	8. Increase youth development	Moved to Places Goal #5
	9. Increase focus on safety of walking & biking modes of transportation	Moved to People Goal #2
	10. Increase locally grown resources/food	Moved from People #2

6-26-20

<u>Goal</u>	<u>Recommended Objectives</u>
Our region provides choices for individuals and for local communities to fulfill their needs.	1. Increase public awareness of and participation in local and regional planning.
	2. Improve access to data and information to inform decision-making.
	3. Maintain a diverse range of choices in housing and neighborhoods.

<u>Recommended Objectives</u>	<u>Original Objectives</u>	<u>Notes on Original Objectives</u>	<u>Recommended Metrics</u>	<u>Original Metrics</u>
1. Increase public awareness of and participation in local and regional planning.	1. Increase/improve use of management districts, super neighborhoods, etc for more "localized" planning/participation	Strategy for Obj. 1	DATA GAP	# of registered MUDs, HOAs, other organizations
	2. Strengthen & Increase participation in local government & neighborhoods	This is Obj. 1	Number of registered voters	# of participants in groups/meetings
	3. Increase local & neighborhood planning to preserve communities & uniqueness	This is Obj. 1	% of registered voters who turn out to vote	% of registered voters that vote
	4. Support & encourage local government abilities to plan (counties and local governments.) (metric - Continue livable centers program)	Strategy for Obj. 1		# of new voters that register each year
	5. Increase voter participation	Metric for Obj. 1		
	6. Strengthen neighborhood organizations and connect them to local government	Strategy for Obj. 1		
	7. Increase public participation in shaping public policy	Moved from Places Goal 2, Strategy for Obj. 1		
	8. Geographically-constrained, voter-representative results - oriented ecological consensus; for the sake of elected officials being & responsive to "what people want" - Educational obj.	Moved from Places Goal 2, Metric for Obj. 1		
<u>Recommended Objectives</u>	<u>Original Objectives</u>	<u>Notes on Original Objectives</u>	<u>Recommended Metrics</u>	<u>Original Metrics</u>
2. Improve access to data and information to inform decision-making.	1. Increase outreach to ensure inclusive of all groups in long-term	Strategy for Obj. 2	DATA GAP	# of schools w/programs related to sustainability
	2. Increase education on sustainability in region (create buy-in)	Strategy for Obj. 2	Number of newspapers, and circulation	Access of local govt. information to those interested by different methods
	3. Provide more civic education	Strategy for Obj. 2	Number of media outlets	
	4. Increase transparency of local governments	Strategy for Obj. 2		

People 5

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Maintain a diverse range of choices in housing and neighborhoods.	1. More choices on provision of services/quality (i.e. farmers markets) Health, food, housing (afford), transportation, jobs, public safety	This is Obj. 3	% mix of housing types in the region	# of opportunities for each service to residents (x mile radius?)
	2. Respect diversity of local governments	Strategy for Obj. 3	Average walk score by county*	
	3. Encourage fundraising opportunities for desired community elements rather than just finding public "funding"	Strategy for Obj. 3	housing + transportation affordability index	
	4. Create a balance between individual/property rights and public good & commonwealth - dialogue	Statement related to Obj. 3	Average density per county	
	5. Enhance freedom to choose transportation modes (Don't restrict my choice to just driving a car. Provide other options.)	Encompassed in Obj. 3	Number of special purpose districts in the region	
	6. One size cannot fit all	Statement related to Obj. 3	% of population living in unincorporated areas	
			Homeownership rate	

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Encourage/develop policies that incentivize sustainable./green/other projects	Moved to Places Goal 1
	2. Encourage policies that maintain unique local aspects of communities	Moved to Prosperity Goal 4
	3. Create or increase spaces to encourage public discourse	Moved to Places Goal 5
	4. Measure LOS for Pedestrian Bike	Metric for People Goal 2
	5. Make high quality, public education a #1 regional priority	Moved to People Goal 1
	6. Give education higher priority for funding	Moved to People Goal 1
	7. Increase inter-governmental/agency coordination	Moved to Places Goal 1

Goal	Recommended Objectives
Our region values and preserves its unique ecosystems, working landscapes, parks, open spaces, and the ecological benefits they provide.	1. Promote more efficient land use patterns.
	2. Preserve, protect and restore vital eco-systems and prime agricultural land.
	3. Increase public access to parks and natural areas.
	4. Promote low impact development and community planning that incorporates conservation.
	5. Develop partnerships to increase funding available for projects that improve environmental quality.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Promote more efficient land use patterns .	1. Educate developers & homeowners on maintaining nat. ecosystems. Promote natural heritage education. Stop paving over wetlands, piney woods, nat. resource areas	Multiple Objectives, Move natural heritage to prosperity # 4	DATA GAP	Total acreage and location of natural and constructed wetlands
	2. Encourage permeable surfaces everywhere	Strategy for Objective #1	Number of livable centers studies completed*	Acres of impervious surface
	3. Require/incent. Developments to provide natural features in design -on or offsite or in "bank"	Strategy for Objective #1	Number of livable center projects implemented*	Farmland acreage + ranch acreage - USDA census info
	4. Legalize "urbanism" (define urbanism) (ex. b/c COH urban development. Illegal better balance mix of land use, help achieve appropriate density (specific to transects) - limiting barriers to urban development	In objective #1	Acres of agricultural land converted to development*	Number of people in incorporated areas, Growth rate, Change in population within census blocks
	5. Limit urban sprawl (vs. rural development.)	In objective #1		# of acres evaluated, value of ecosystem services
	6. Policy to permit xeriscaping native plants/alternative/landscaping	Strategy for Objective #1		Acres of impervious surface in drainage basin within the 100 year flood plain
	7. Reduce the amount of impervious paving as an effective heat island mitigation effect	Strategy for Objective #2		Size / cover of urban and/or regional tree canopy - measure TCC (Total Canopy Cover)
	8. Increase the amount of indigenous plant species in the region that are drought resistant	Strategy for Objective #1		Size / cover of urban and/or regional tree canopy
	9. Direct/Enable/Encourage development growth in incorporated areas	Strategy for Objective #1		
	10. Max greenspace by sustainable/green infill	Moved from People Goal #3, Strategy for Obj. #3		

Places 1

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Preserve, protect and restore vital eco-systems and prime agricultural land.	1. Protect natural land availability	In Objective #2	Total acreage and/or percentage of connected wilderness	% of pop. that lives within 1/2 of park or open space
	2. Widely distribute open spaces throughout region - so new developments can appreciate goal residents	In Objective #2	Number of/acres of conservation easements	Total acreage and/or percentage of connected wilderness
	3. Regional policy regarding provision of green space	Strategy for Objective #2 and #4	Acres of species habitat	Open space acquired and/or preserved per capita
	4. Increase the coverage of tree canopy	In Objective #2	Total acreage and location of natural and constructed wetlands	
	5. Preserve, protect and restore the region's high priority natural resources	Objective #2	Farmland acreage + ranch acreage *	
	6. Preserve/Enhance/Increase natural corridors/Habitats for wildlife - such as those along rivers & bayous	In Objective #2	acres of high value environmental resources	
	7. No net loss of natural ecosystems - How much loss is acceptable? None? Minimum amt? (See ecological for more info)	Metric for Objective #2		
	8. Quantify value of ecosystem services	Metric for Objective #2		
	9. Create mechanisms to protect/preserve natural Wetlands, bayous, prairie, forests & others	Moved from Prosperity #4, Strategy for Obj. #2		
	10. Support development of National Recreation Area Along Coast	Moved from Prosperity #4, Strategy for Obj. #2		
	11. Maintain greenspace/park spaces	Moved from People #3, Strategy for Obj. #2		
	12. Conserve natural resources - Preserve prairies - (stop changing ecosystem types, wetlands)	Moved from People #3, Strategy for Obj. #2		
	13. Incentive programs to maintain/conserv natural spaces/resources	Moved from People #3, Strategy for Obj. #2		
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Increase public access to parks and natural areas.	14. Respect the needs for all organisms & ecosystems to have access to clean water, air, food, habitat.	Moved from People #3, Strategy for Obj. #2	acres of state and national parks lands	
	15. Incorporate research & awareness of natural resources throughout educational systems	Moved from People #3, Strategy for Obj. #2	Percentage of population that lives within 1/2 of park or open space	
	16. Increase education/awareness of ecosystems (Reach out to local adv-groups)	Moved from People #3, Strategy for Obj. #2	Parks acreage per capita by geography	

Places 1

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Promote low impact development and community planning that incorporates conservation.	1. Promote better/more environmentally. Friendly ways to deal w/efficient (wastewater treatment plants)	Strategy for Objective #3	Acres of impervious surface	Reduce chemical use for wastewater treatment - amount (weight \$, volume)
	2. Maintain or restore water quality to the region's rivers, lakes, bayous and estuaries	In Objective #3	Number of LEED certified projects*	# of counties w/groundwater mgmt. districts
	3. Preserve/manage groundwater resources	In Objective #3	Number of acres of development that meets LEED ND standards*	Reduce electricity use for wastewater treatment - amount - kwh?
	4. Ensure comprehensive planning for local & regional water supply needs (with implementation strategy) - reduce reliance on state planning	Moved from Prosperity #5, Strategy for Obj. #3		Existing TPDES/NPDES
	5. Reduce per capita H2O consumption	Moved from Places #4, Metric for Obj. #3		Source: TX Integrid Report
	6. Increase use of non portable H2O for outdoor irrigation, including waste water reuse, gray H2O waste water, & rain H2O	Moved from Places #4, Strategy for Obj. #3		Water quality data compared to baseline – total suspended solids, bacteria, etc
	7. Up amount of rain H2O retention & no use	Moved from Places #4, Strategy for Obj. #3		(Harris Co FCD data) determine most effective removal sites for impervious
	8. Water- Preserve/enhance quality water supply & quantity	Moved from Places #4, Strategy for Obj. #3		Cost/Benefit analysis of desalination
	9. Better manage water consumption	Moved from Places #4, Strategy for Obj. #3		Calculate how much H2O the region needs - including natural areas
	10. Reg. water ban/nations in communities regardless of drought or not	Moved from Places #4, Strategy for Obj. #3		Count active ordinances regarding environmental conditions
	11. Require better use of water effluent	Moved from Places #4, Strategy for Obj. #3		
	12. Ensure comprehensive planning for local & regional water supply needs (with implementation strategy) - reduce reliance on state planning	Moved from Places #4, Strategy for Obj. #3		
	13. Increase water (resource) conservation and reuse and develop policies to promote conservation & reuse	Moved from People 3, Strategy for Obj. 3		
	14. Increase % of waterbodies that meet designated uses ("fishable, swimmable, drinkable")	Moved from People 3, Metric for Obj. 3		
	15. Restrict/decrease water discharge/pollutants	Moved from People 3, Strategy for Obj. 3		
	16. Investigate alternative water supply options	Moved from People 3, Strategy for Obj. 3		
	17. Reduce impervious surface in drainage channels (Increase landscape infrastructure)	Moved from People 3, Strategy for Obj. 3		

Places 1

18. Desalination - increase use of	Moved from People 3, Strategy for Obj. 3
19. Reduce reliance on desalination practices	The region is not reliant on desalination
20. Increase water conservation programs & education - incorporate flexibility for edible plants	Moved from People 3, Strategy for Obj. 3
21. Ensure adequate water supply for all uses. Create & retain water supply	Moved from People 3, Strategy for Obj. 3

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
5. Develop partnerships to increase funding available for projects that improve environmental quality.	1. Politically provide carrots, economically, value preservation	Strategy for Objective #4	DATA GAP	# of bonds passed by voters, # of referendums, voter participation
	2. Pursue diverse funding sources	Objective #4		
	3. Ensure continued stewardship of state funds that support goal items	Strategy for Objective #4		
	4. Clear conservation priorities	Strategy for Objective #4		

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Achieve economic efficiency w/mix of uses	Moved to Prosperity Goal #1
	2. Increase locally grown resources/food	Moved to People #3
	3. Consider that we are in a disaster prone area and consider how to replenish (as much as possible and as quickly as possible) the negative impact of disasters.	Moved to Prosperity Goal # 5
	4. Promote natural heritage education	Move to Goal Prosperity # 4
	5. Increase public participation in shaping public policy	Move to Goal People # 5
	6. Bayous ETC vs. multi-use corridors, bikeways, greenways, etc. (see new objective), connections between/among as much w/21 million more as we do today	Moved to Goal People #2
	7. Geographically-constrained, voter-representative results - oriented ecological consensus; for the sake of elected officials being & responsive to "what people want" - Educational obj.	Moved to Goal People #5

Goal	Recommended Objectives
Our region coordinates infrastructure, housing, and transportation investments, creating areas of opportunity and enhancing existing neighborhoods.	1. Coordinate infrastructure planning, construction and maintenance to optimize system performance and realize cost savings to taxpayers.
	2. Remove barriers to development in areas with existing infrastructure networks.
	3. Improve connectivity of land uses and multiple transportation modes.
	4. Encourage the use of 'green infrastructure'.
	5. Prioritize rehabilitation and maintenance of existing infrastructure.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Coordinate infrastructure planning, construction and maintenance to optimize system performance and realize cost savings to taxpayers.	1. Create co-location of facilities/services.	Strategy for Obj. 1	Number of people/households within 1/4 to 1/2 mile of transit	Percentage of new housing that has access to any form of public transit
	2. Promote reg. coordination economic development.	Strategy for Obj. 1	# of mixed use/transit oriented developments*	# of projects with multiple funding sources (jurisdictions)
	3. Encourage reg. government entities to work together	This is Obj. 1	Percent of transportation funding going to new capacity versus existing (including rehab and maintenance)*	# of people/households within 1/4 to 1/2 mile of transit
	4. Coordinate infrastructure (utilities, transportation (all modes)). Review conflicting legislation be better coordinate all infrastructure. Be creative in coordination.	Strategy for Obj. 1	Number of livable centers studies completed	Dollar amount saved by known coordination projects
	5. Increase inter-governmental/agency coordination	Moved from People 5, Strategy for Obj. 1	Number of livable center projects implemented	
	6. Encourage/develop policies that incentivize sustainable./green/other projects	Moved from People 5, Strategy for Obj. 1		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Remove barriers to development in areas with existing infrastructure networks.	1. Provide relative transp. variety specific to needs of geography. Location and cost	This is Obj. 2	Percent of transportation funding going to new capacity versus existing (including rehab and maintenance)*	Permitting, incentives and taxation
	2. Focus transit investments on geographic concentrations of people	Encompassed in Obj. 2	Percent of residents that prefer to live in more urbanized and walkable areas	Percentage of new housing that has access to any form of public transit
	3. Coordinate. Transit & housing (i.e. more housing units all income levels near transit nodes)	Strategy for Obj. 2	Acres of identified brownfields	Number of transportation investments vs. population served: cost/user, transportation investment/capita or per acre, cost/mile
	4. More residents of affordable housing have better access to transit/social services	Strategy for Obj. 2	Number of brownfield acres/sites for residential use*	Trip length by mode

Places 2

5. Provide reliable transit options (frequent efficient & reliable no matter where you live)	Strategy for Obj. 2
6. Consider environmental. & health impacts during & econ development decision making process	Moved from Prosperity 4, Strategy for Obj. 2

Reductions in delay/congestion, average time spent traveling, costs of time
Number of people who live within 2 miles of a grocery store

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Improve connectivity of land uses and multiple transportation modes.	1. Increase mixed use development (housing, commercial) at densities that support transit	Strategy for Obj. 3	Number of people/households within 1/4 to 1/2 mile of transit	Number of infill sites repurposed for housing
	2. Promote dense, mixed development that accommodate walk/bike	Strategy for Obj. 3	Percent of transportation funding going to new capacity versus existing (including rehab and maintenance)*	Permitting, incentives and taxation
	3. Encourage. TOD - that is station specific	Strategy for Obj. 3	Percent population living in areas with high score on H-GAC connectivity/density index (blue map)	# of people/households within 1/4 to 1/2 mile of transit
	4. Provide land uses that accommodate. Multi-modal transp. (incl. retrofit)	Strategy for Obj. 3	Percent of population living within major activity centers	Reductions in delay/congestion, average time spent traveling, costs of time
	5. Support catalytic projects. Help stimulate more investment	Strategy for Obj. 3		% of budget to bike/ped projects
	6. Encourage transit agencies to promote joint development (pub - private)	Strategy for Obj. 3		Percent of transportation funding going to new capacity versus existing
	7. Increase connectivity of networks within suburbs for greater multi-modal usage	Strategy for Obj. 3		Number of traffic lights with properly timed pedestrian crossings
	8. Promote better off road connections (sidewalks, bike lanes, etc.) these are necessary	Strategy for Obj. 3		27. Dollar amount saved by known coordination projects
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Encourage the use of 'green infrastructure'.	1. Sustainable infrastructure from a holistic perspective	This is Obj. 4	Acres of identified brownfields	Acres of identified brownfields
	2. Leverage/ max public investment in infra. Projects.	Strategy for Obj. 4	Number of brownfield acres/sites for residential use	Permitting, incentives and taxation
	3. Encourage/develop policies that incentivize sustainable./green/other projects	Moved from People 5, Strategy for Obj. 4	Usage of available incentives / funds for energy efficiency, weatherization	Number of reinvestment (projects) in existing communities
				Property and sales tax revenue
				Number of brownfield acres/sites for residential use

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics	
5. Prioritize rehabilitation and maintenance of existing infrastructure.	1. Re-prioritize rehab/maintenance. of infrastructure vs. construction of new infrastructure.	This is Obj. 5	Percent of transportation funding going to new capacity versus existing	Percent of transportation funding going to new capacity versus existing	
	2. Prioritize growth & development in towns/cities over unincorporated areas	Possible strategy for Obj. 5	Number of brownfield acres/sites for residential use	Number of infill sites repurposed for housing	
	3. Align policy w/infrastructure needs-are we "building out" when we need to be "repairing"		Strategy for Obj. 5	Percent of area / acres of development in storm surge areas	Number of brownfield acres/sites for residential use
				Number of repetitive loss structures – increase or decrease	Number of reinvestment (projects) in existing communities
					Number/overall use of impact fees
					Permitting, incentives and taxation
					Percent of local budget for capital
				Percent of area / acres of development in storm surge areas	

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Increase regional transit investment	Moved to People Goal #2
	2. Promote & encourage transportation options	Moved to People Goal #2
	3. Retain business that accommodate. Businesses	Moved to Prosperity Goal #2
	4. Retention of residents over time as investments increase	Metric for Prosperity Goal #4
	5. Measure bike & pedestrian counts in our region	Metric for People Goal #2
	6. Revalue agricultural lands, including within the community	Moved to People Goal #3
	7. Expand transit svc. area	Moved to People Goal #2
	8. Prioritize access over mobility	Moved to People Goal #2
	9. Revitalize neighborhoods while mitigating negative equity impacts of gentrification	Moved to Prosperity Goal #4

Goal	Recommended Objectives
<p>Our region’s communities have a range of quality housing choices that meet the diverse needs and preferences of all residents.</p>	<p>1. Increase the supply of affordable housing units in areas with good pedestrian infrastructure and access to transit and public services.</p>
	<p>2. Increase the accessibility of safe, healthy, energy efficient housing units to residents throughout the region.</p>
	<p>3. Provide housing mix that provides choices for residents of all ages.</p>

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
<p>1. Increase the supply of affordable housing units in areas with good pedestrian infrastructure and access to transit and public services.</p>	<p>1. Policy allowing "walkable urbanism" in towns & cities to be built communities?</p>	<p>Strategy for objective #1</p>	<p>Average housing cost compared to median family income</p>	<p># of FAIR Housing Groups & distribution. Inclusion of FHG input into local government decisions & policies</p>
	<p>2. Walkable community</p>		<p>percent of households spending greater than 30% of income on housing</p>	<p># of new affordable. Housing units compared to baseline & matched to census demographics. # of disability accessible units. Use smallest geographic area (12)w/available data</p>
	<p>3. Prioritize new development within existing growth boundaries</p>	<p>Strategy for objective #1</p>	<p>Change in the total number of housing units (2000-2010)</p>	<p># of mixed used developments that align with local jobs (mixed income). # of Communities that incentivize M.U. Development # of CRA investments in M.U. Associated Business</p>
	<p>4. Make cost of virgin land developments fully borne by developers (infrastructure, roads & highways, social services, loss of ecosystem services).</p>	<p>Strategy for objective #1</p>	<p>Number of homeless</p>	<p># of community that have mixed income dev.</p>
	<p>1. Provide more affordable housing to meet anticipated diverse pop. Needs (look @ trends now- who are now)</p>	<p>In goal</p>	<p>Units available to LMI (low to moderate income) based on type of housing</p>	<p># Fair Housing Workshops. # Residents participating in above # jurisdictions. # of oppositions to multifamily, elderly, subsidized housing developments. # Workshops on understanding quality housing/construction</p>
	<p>2. Encourage mixed - use development (enc. Master Planned Comm. that provide & balance jobs, education, svc., recreation homes)</p>	<p>Strategy for objective #3</p>	<p>Housing + Transportation (H+T) Index*</p>	<p># of banks/lenders supporting mixed use dev & mixed income; innovative housing development. Incidence of co-operative relationships between neighbor orgs & financiers HMDA</p>

Places 3

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Offering housing option to meet needs of geography/ relevant locale. Plan for the future (longevity of sewer/water/infrastructure) (city/county specific)	In objective #3	Ratio of home value to annual income	# Residents in rental. Rate of turnover. (#23) communities requiring rental inspection.
4. Provide housing that promotes socially/culturally diverse groups (incl. mixed income)	In goal		# Permanent supportive housing units. # of homeless. # transitioning from shelter to pshu. Length of time homeless
5. Promote/provide on good housing options policy & education - ex: coop living to accommodate./support people's needs	Strategy for objective #3		
6. Create diversified housing stock that meets various income levels	Strategy for objective #3		
7. Provide more, locational diversity for new housing of all types - coordinated w/other land uses	Strategy for objective #3		
8. Education on quality housing choices (affordable. housing) address issues of NIMBY	Strategy for objective #3		
9. Reduce/eliminate homelessness	Metric for objective #3		
10. Integrate financial providers (bankers; insurance) within housing	Strategy for #3 and #1		
11. Transiency in rental housing	Metric for objective #3		
12. Communities should have a Fair Housing Advocacy Group (representative of that area)	Strategy for objective #3		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Increase the accessibility of safe, healthy, energy efficient housing units to residents throughout the region	1. Encourage or Incentive (or reg.) housing to use sustainable construction & meet energy efficient standards. Encourage counties or cities to revise regulation.	Strategy for objective #2	Number or percent of people living in sub-standard housing	# of jurisdiction that enhance codes to include resilient, efficient materials/practices - mal. Re-use of materials. Local & IRCs. # of ordinances that prohibit or restrict above. % of energy neutral homes. # of jurisdiction that support/incentivize above.
	2. Provide more affordable "healthy" housing	In objective #2	Number of rehabilitated units	# of local codes around healthy building tech. that
	3. Provide housing security (broad sense) (financial/econ/health) (available)	Strategy for Objective #2	home ownership rate	# Vacant residential/commercial buildings eligible for housing
	4. Locating housing to maximize existing infs. & reduce costs for future development	Strategy for Objective #2		
	5. Resilient or building materials locally sourced	Strategy for objective #2		

Places 3

Original Objectives	Notes on Original Objectives
6. Quality housing that protects its inhabitants from internal & external pollutants	In objective #2
7. Incentivize smoke free housing	In objective #2
8. Resilient, sustainable, quality housing for all	In objective #2 and in goal
9. Residents have where withal for resilient, safe housing in all states	In objective #2
10. Need to retrofit and upgrade existing housing to high standards of energy efficiency and air quality (Too much emphasis on new construction)	Strategy for objective #2
11. Improve energy efficiency of new construction buildings	Strategy for objective #2
12. Building materials locally sourced	Strategy for objective #2
13. Reuse/repurpose recycle vacant buildings	Strategy for objective #2
14. 100% of housing to be safe & resilient	Moved from People Goal #2, In Objective #2
15. Reduce sick buildings & raise awareness of healthy build.	Moved from People Goal #4, Strategy for Objective #2
16 Increase building standards for quality indoor air	Moved from People Goal #4, Strategy for Objective #2
17. Encourage pub/private partnerships to increase availability of supportive housing	Moved from People Goal #4, Strategy for Objective #2
18. Integrate supportive housing into main-stream society	Moved from People Goal #4, Strategy for Objective #2
19. Increase availability of a variety of housing options seniors & others with diminished capabilities	Moved from People Goal #4, Strategy for Objective #2

Places 3

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Provide housing mix that provides choices for residents of all ages.	1. Policy to permit & encourage aging-in-place everywhere	Objective #4	Number of age-restricted or assisted units compared to population	Transit access to areas w/seniors. # Visitability ordinances. Support infrastructure for high elderly areas (food, healthcare, etc.) Ordinances that accommodate elderly & visually impaired. # & geographic dist of senior housing.
			Moved from Prosperity #2	
		Percentage of single-family and multi-family housing*		
		Number & geographic dist of senior		
		Number of people served by public housing		
		Number of housing authorities		
		Monthly home ownership costs		
	Monthly rental housing costs			

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Improve building standards based on area's	Move to prosperity goal #5

6-26-20

Goal	Recommended Objectives
Our region efficiently uses, reuses, and conserves its natural resources by managing waste and consumption.	1. Increase the use of green construction practices and renewable energy sources.
	2. Create infrastructure and policies for re-use of recyclable waste products and water.
	3. Provide education about the importance and benefits of recycling/conservation/reuse of materials and natural resources.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics
1. Increase the use of green construction practices and renewable energy sources.	1. Up energy efficiency in built environment	Metric for Objective #1	Number of acres of development that meets LEED ND standards
	2. Incentives for renewable energy	Strategy for Objective # 1	Usage of available incentives / funds for energy efficiency, weatherization*
	3. Up options for waste energy conversion	Strategy for Objective 1	Number of LEED certified projects*
	4. Encourage. Efficient use of natural resources on commercial production & industrial	In objective #1	Percent of municipal energy use that is from renewable sources
	5. Diversify the region's mobility, fuel, and work options	In objective #1	
	6. Improve energy efficiency of new construction buildings	In objective #1	
	7. Low impact development BMPs for stormwater run-off pollution mitigation	Strategy for Objective # 1	

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics
2. Create infrastructure and policies to increase re-use of recyclable waste products and water.	1. Zero waste objective, end eliminate dumping in landfills	In objective #2	Number/percentage of homes with access to single-stream recycling
	2. Improve recycling options all materials (glass) # plastic and availability - residential & commercial - regionwide	In objective #2	Number of tons of waste sent to landfills in the region
	3. Build into infrastructure and policy robust recycling strategies and education	In objective #2	number of recycling centers
	4. Increase percentage of food waste recycled	Metric for objective #2	Dollars of grant funds for solid waste management
	5. Maximize networking of recycling/reusing materials	In objective #2	
	6. Update policies that require recycling/reusing (voluntary is not getting more people involved)	In objective #2	
	7. (Insurance) Coordinate w/demand/supply of recycling. Materials (contractors)	In objective #2	
	8. Expand the use of recycling to improve mgmt of our waste/consumption	In objective #2	
	9. Learn from successful programs (ex. West U)	Strategy for objective #2	
	10. Offer programs for communities to offer recycling - make program an income-generating effort	In objective #2	
	11. Manage waste better (compost, etc.) - lawn sustainability	In objective #2	
	12. Promote more education for conservation recycling etc. on benefits & how to better conserve/reuse/etc.	Strategy objective #2	
	13. Provide supplies & education to residents for recycling	Strategy for objective #2	
	14. Support evidence - based education programs on conservation	Metrics for objective #2	

Places 4

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics
3. Provide education about the importance and benefits of recycling/conservation/reuse of materials and natural resources.	1. Incentivize financially @ front end that had to implementation	Strategy for Objective #3	DATA GAP
	2. To make programs more cost effective	In Objective #3	Number of hits on H-GAC electronic recycling guide
	3. Provide financial support & incentives for implementation & innovation	In objective #3	Number of attendees at H-GAC solid waste and recycling workshops
	4. Ensure development & redevelopment is economically feasible	In objective #3	
	5. Examine consequential impacts of development (balance) - \$, environment., etc.	Metric for Objective #3	
NOTE:	Original Objectives	Notes on Original Objectives	
Objectives that have been moved to other Goals	1. Reduce per capita H2O consumption	Moved to Places 2	
	2. Increase use of non portable H2O for outdoor irrigation, including waste water reuse, gray H2O waste water, & rain H2O	Moved to Places 2	
	3. Up amount of rain H2O retention & no use	Moved to Places 2	
	4. Water- Preserve/enhance quality water supply & quantity	Moved to Places 2	
	5. Better manage water consumption	Moved to Places 2	
	6. Reg. water ban/nations in communities regardless of drought or not	Moved to Places 2	
	7. Require better use of water effluent	Moved to Places 2	
	8. Ensure comprehensive planning for local & regional water supply needs (with implementation strategy) - reduce reliance on state planning	Moved to Places 2	

Goal	Recommended Objectives			
Our region’s communities are strengthened by strong social ties, local gathering places, and residents who participate in social, civic, service, and faith organizations.	1. Create new and enhance existing community gathering places and institutions.			
	2. Maximize the accessibility and diversity of community facilities.			
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Create new and enhance existing community gathering places and institutions.	1. Identify region's communities & related needs to increase/enhance involvement	In objective #1	Number of new parks*	Number of cultural community centers/events
	2. Create places or identify existing places to increase cultural fluency across groups	In objective #1	Number of downtown /public spaces grants awarded*	Number of gathering places per capita
	3. Ensure continuity use of public infrastructure to provide better parks	In objective #1	Dollars of charitable donations	Number of genealogical/cultural enters/libraries (multimedia projects)
	4. Increased gathering locations/activities/places that strengthen families (i.e. genealogical centers for family/individual discovery)	In objective #1	Number of charitable/non-profit organization by type	
	5. Design spaces/activities that promote socially/cult. diverse groups	In objective #1		
	6. Identify barriers to gathering (policies, etc.)	Strategy for Objective 1		
	7. Gathering places of varying types/scales (clearly define this)	Metrics for objective # 1		
	8. Create or increase spaces to encourage public discourse	Moved from People #5, Strategy for Objective #1		
	9. Develop neighborhoods that foster interaction & trust	Moved from People #5, Strategy for Objective #1		
	10. Promoting relationships promotes good health	Moved from People #2, Strategy for Objective #1		
	11. Decrease gang participation	Moved from People #4, Strategy for Objective #1		
Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Maximize the accessibility and diversity of community facilities.	1. Increase joint uses of facilities	Strategy for objective #2	DATA GAP	Number of vacant or abandoned buildings
	2. Increase re-purposing of public facilities (e.g., old schools)	Strategy for objective #2	Number of cultural community centers/events*	Number of permits for unused building that can be used for re-hab
	3. Facilitate safe access to these comm. Facilities (i.e. - complete streets)	Strategy for objective #2	Number of downtown /public spaces grants awarded by type	Number of facilities used by non-profits
	4. Places that serve the needs and act as incubators for non-profit development/ free. Population to rental location locating centers	Strategy for objective #2	Number of downtown /public spaces grants awarded by grantee geography	
	5. Create co-location of comm. Facilities for services			
	6. Preserve/maintain/retain gathering places that we have. (Use zoning to do that & to allow not prevent)	In objective # 2		
	7. Identify barriers to use of existing facilities, occas. borrowing of public facilitators.	Comment for Objective #2		

Places 5

Original Objectives	Notes on Original Objectives
8. Provide strategies to promote joint use	Strategy for objective #2
9. Increase shared use & agreements (e.g., schools & places to worship)	In objective #2
10. Leverage schools as community building centers (e.g. Spark Park program)	In objective #2
11. Assessing collaborative w/schools - meeting places	Strategy for objective #2
1. Community -specific communication networks (e.g. Prairie View, post office, Liberty Co. Community Centers)	Strategy for objective #3
2. Encourage/locate/identify training centers, schools, parks, public/neighborhood libraries, churches (neigh. Level) , comm. centers (Make sure gathering places in each local area)	Strategy for objective #3
3. Provide community Wi-Fi to provide (for those that don't) can be provided w/libraries in a radius	Strategy for objective #3
4. Provide or support internet/websites to bring people together virtually (that enhance tolerance & inclusion)	Strategy for objective #3
5. Expand mobile svc to pop.	Strategy for objective #3
6. Retention of skilled, educated youth	Strategy for objective #3
7. Expand number of "neighborhood" schools	Moved from People Goal #2, Strategy for Objective #3
8. Increase youth development	Moved from People Goal #4, Strategy for Objective #3

Goal	Recommended Objectives
<p>Our region has a diverse economy and skilled workforces that support businesses, innovation, and entrepreneurship.</p>	<p>1. Support existing business strengths while diversifying to create competitive advantage in the future.</p>
	<p>2. Prepare for international economy while emphasizing local talent and opportunities</p>
	<p>3. Align workforce supply with demand.</p>
	<p>4. Promote investments in entrepreneurship and start-ups.</p>

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
<p>1. Support existing business strengths while diversifying to create competitive advantage in the future.</p>	<p>1. Retain position of energy capital of the world post - petroleum/natural gas</p>	<p>Strategy for Obj. 1</p>	<p>Amount of state incentives/grants for business development received in the region</p>	<p>Investment (public/private) in energy programs</p>
	<p>2. Increase diversity of economy at regional & local levels with emphasis on emerging economy/business</p>	<p>Encompassed in Obj. 1</p>	<p>Investment (public/private) in energy programs</p>	<p>Number of businesses created and lost (and analysis of factors and sizes)</p>
	<p>3. Achieve economic efficiency w/mix of uses</p>	<p>Moved from Places 2, In Obj. 1</p>	<p>Dollars of venture capital investment by sector</p>	
	<p>4. Prepare the workforce for the "green" economy</p>	<p>Moved from People 1, In Obj. 1</p>	<p>Industrial diversity score -Number of jobs by employment sector</p>	
	<p>5. Enhance awareness of and responsiveness and agility to shifting, real-time to workforce demand and supply (Look at leadership Houston & other studies)</p>	<p>Moved from People 1, Strategy for Obj. 1</p>	<p>Number of energy/oil & gas related companies in the region</p>	
	<p>6. IT, High tech manufacturing, green/alt energy</p>	<p>Moved from Prosperity 2, Strategy for Obj. 1</p>	<p>Number of healthcare-related companies in the region</p>	
	<p>7. Diversify employment sectors</p>	<p>Moved from Prosperity 2, In Obj. 1</p>	<p>Number of maritime shipping related companies in the region</p>	
	<p>8. Recruit innovative/emerging industries & businesses that increase local job opportunities</p>		<p>Number of transportation and utility related companies in the region</p>	
<p>Agricultural production by county (specifically rural counties)</p>				
		<p>Percentage growth in business establishments</p>		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
<p>2. Prepare for international economy while emphasizing local talent and opportunities.</p>	<p>1. Bring in green industry</p>	<p>Strategy for Obj. 2</p>	<p>Funding for public education (local/state)*</p>	<p>Available jobs/vacancies</p>
	<p>2. Locally opportunity for local developed</p>	<p>Strategy for Obj. 2</p>	<p>Rate of job growth and total job growth</p>	<p>Investment models for workforce preparedness</p>
	<p>3. Engage private sector to be active community partners to support an adaptable & diverse of workforce dev.</p>	<p>Strategy for Obj. 2</p>	<p>Five year estimated population growth</p>	<p>Public-private partnerships & non-profits</p>
	<p>4. Promote/provide incubators for entrepreneurial skills</p>	<p>Moved from People 1, Strategy for Obj. 2</p>	<p>Metropolitan gross domestic product</p>	<p>Business start ups, relocations and incubators</p>

Prosperity 1

Objective	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Align workforce skills with future demand.	1. Increase support for organizations that develop workforce talent & business opportunities	Strategy for Obj. 3	Number of students graduating from programs focused on new energy alternatives*	Pub-private partnerships & non-profits
	2. Develop partnerships between community colleges, universities and private sectors	Strategy for Obj. 3	Vocational certification vs. top industry sectors mix*	Literacy rate
	3. H.S. graduates emerge college or skilled job/entrepreneur ready	Strategy for Obj. 3	Balance between entry and existing workforce	Industry shortage
	4. Support workforce development companies & nonprofits that develop the region's talent -access to resources, access to PPP opportunities, support organizations that develop business, emerging economy winners.	Strategy for Obj. 3	Growth alignment (between job growth and labor force growth)	Venture capital investors
	5. Encourage linkage between education & anticipated job skills & training Region aligns skilled workforce - w/current & future jobs.	Strategy for Obj. 3		Completion of degrees
	6. Increase access to resources for developing regional talent.	Strategy for Obj. 3	Available jobs/vacancies	
			Investment models for workforce preparedness	
		Pub-private partnerships & non-profits		
		# internships/ co-ops		

Objective	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Promote investments in entrepreneurship and start-ups.	1. Provide incentives to increase innovation & entrepreneurship	Encompassed in Obj. 4	Number of Minority/Women/Small Business Firms	State incentives/granting
	2. Become known as area for biz incubation & reinvestment in community. Continue to promote innovation & entrepreneurship. Increase awareness of entrepreneurial resources, opportunity, & possibilities.	Strategies for Obj. 4	Dollars of venture capital investment	Business start ups, relocations and incubators
	3. Increase venture capital investors (Metric)	Metric for Obj. 4	Number SBA 504 loans by H-GAC	Venture capital investors
	4. Support development of small businesses & entrepreneurs across socioeconomic spectrum (income levels, scale of business). Increase local opportunities for local development. Improve quality of public education. Level playing field for government incentives (large & small bus.)	Strategy for Obj. 4	Regional earnings from self-employment compared to the national share	Tax abatements
	5. Brand the region (like music in Austin) & promote business incubation	Strategy for Obj. 4		14. Taxable assets & values
	6. Level playing field for government incentives (large & small bus.)	Strategy for Obj. 4		Pub-private partnerships & non-profits
	7. Encourage smaller & mid sized businesses in rural & suburban areas	Moved from Prosperity 2, Strategy for Obj. 4		Minority/Women/Small Business
			Unfunded mandates	

Original Metrics
Funding for public education (local/state)
Literacy rate

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other Goals	1. Establish policy that requires commercial developers to pay a fee or provide green space at their facility or within an area (predetermined)	Moved to Places Goal #2
	2. Parks Open Space Ordinance extend to commercial properties	Moved to Places Goal #2
	3. Encourage broad-based education. opportunities	Moved to People Goal #1
	4. Increase opportunities for certification, skills, trades, and other non-college opportunities (emphasize vocational)	Moved to People Goal #1

6-26-2012

Prosperity 2

<u>Goal</u>	<u>Recommended Objectives</u>
Our region's residents have access to job opportunities that support a good quality of life and financial stability.	1. Balance cost of living and personal income.
	2. Increase proximity of jobs and housing choices.
	3. Provide skills training that allows residents to improve their earning capacity.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics	
1. Balance cost of living and personal income.	1. Encourage employers to pay wages commensurate w/cost of living	Strategy for Objective #1	Local average wage vs. state or national wages	Local average wage vs. state or national wages	
	2. Increase workplace flexibility (hours, tele-commute, childcare)	Strategy for Objective #1	County level cost of living/livable wage	Housing/transportation cost	
	3. Recruit employers to regions that pay good wages and quality jobs.	Strategy for Objective #4	Poverty rates compared to the national average	County level cost of living/livable wage	
	4. Increase local & regional wages	In Objective #1	Per capita income, median household income	Population trends/unemployment rate/underemployment	
	5. Improve corporate/leadership development/pipeline	Moved from People 1, Strategy for Objective #1	percent in poverty that are working	Regional unemployment rate	
	6. Engage private sector to be active comm. partners in supporting health & well being		Strategy for Objective #1	median home value	Percent of residents at or below poverty level
				percentage of families with single female parent	Increase in household income
			Percent of all households receiving public assistance	Sales tax revenue	
			Average home appreciation	# of schools, training programs & facilities	

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Increase proximity of jobs and housing choices.	1. Improve transportation access to jobs (multi-modal)	In objective #2	Jobs/housing balance (regional or county average)	Housing/transportation cost
	2. Increase desirable housing choices closer to current & future jobs (inc. affordability)	In objective #2	Housing + Transportation (H+T) index* for the region	Population trends/unemployment rate/underemployment
	3. Reduce distance and or time getting to jobs.	In objective #2	# of mixed use/transit oriented developments in the region*	Percent of residents at or below poverty level
	4. Address physical access - Connect major employment & residential centers with affordable, efficient transportation options that do not require a car	In objective #2		Building permits
	5. Create quality mixed use development			Property tax value

Prosperity 2

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Provide skills training that allows residents to improve their earning capacity.	1. Reduce high school drop out rates	Metric for objective #3	Vocational certification vs. top income sectors mix	# of schools, training programs & facilities
	2. Provide education, training & life skills development	In objective #3	Number of colleges and higher learning institutes	Percent of residents at or below poverty level
	3. Increase opportunities for re-entry of incarcerated workforce and reduce recidivism	strategy for objective #3	Unemployment rates by county compared to the nation	Local average wage vs. state or national wages
	4. Increase manufacturing jobs & export businesses and skills development to increase local employment	In objectives #1 and #4	Percent change in unemployment rate	Regional unemployment rate
	5. Increase job opportunities & career development for all regions citizens	In objective #2	Percent not in labor force, age 16+	County level cost of living/livable wage
	6. Increase career dev., life skills, access for region cities		percentage managerial, professional, and technical jobs	Population trends/unemployment rate/underemployment
	7. Educate the life skills	Strategy for objective #3		Sales tax revenue
	8. Decrease unemployment for degreed labor force	Moved from People Goal #1, Metric for objective #3		Building permits
	9. Decrease unemployment for non-degreed labor force	Moved from People Goal #1, Metric for objective #3		Percent of residents at or below poverty level
NOTE:	Original Objectives	Notes on Original Objectives		Measure of safe neighborhoods
Objectives that have been moved to other Goals	1. Increase manufacturing jobs & export businesses and skills development to increase local employment	In objectives #1 and #3		Parks
	2. Local attack & effort to capture 1/3 which drop out to train or educate at different hours than 8-3 daily. After school normal hours. At school have more (___ Port Freeport) tutoring even Saturday, Sunday.	Move to People Goal #1		Property tax value
	3. Bring business here!	Comment		
	4. IT, High tech manufacturing, green/alt energy	Moved to Prosperity Goal #1		
	5. Diversify employment sectors	Moved to Prosperity Goal #1		
	6. Encourage smaller & mid sized businesses in rural & suburban areas	Moved to Prosperity Goal #1		
	7. Engage private sector to be active comm. partners in supporting health & well being	Moved to Prosperity Goal #1		
	8. Recruit innovative/emerging industries & businesses that increase local job opportunities	Moved to Prosperity Goal #1		
	9. High quality housing	Moved to Places Goal #3		

Goal	Recommended Objectives
Our region's transportation and infrastructure promotes effective goods movement and is well-connected to other global destinations.	1. Encourage job growth through capitalizing on increased global connectivity and goods movement throughout the region.
	2. Balance economic benefits of goods movement with community health and quality of life.
	3. Improve intermodal connections and coordination, including rail, truck, airports, seaports and other goods movement and information infrastructure.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Encourage job growth through capitalizing on increased global connectivity and goods movement throughout the region.	5. Foreign trade zones	Strategy for Objective 1	Number of direct international flights from the Houston Airport System	Increases in key infrastructure
	1. Ensure that pipeline continue to grow to safely handle capacity & movement	Objective #2	Number of jobs in region tied to goods movement industry	Number of direct international flights
	1. Maintain state of art regional port facilities for internal goods movement	Strategy for objective 1	Dollars in drayage loans submitted in the region	Annual Tonnage through the Port of Houston
	2. Effectively & safely manage infrastructure. To facilitate goods movement by truck.	In Goal	Dollar amount of economic activity the region's brings into the state/region.	Cost of moving goods to consumers: analysis of if the costs are disproportionate to local communities
	3. Commitment to well maintained, energy efficient, clean goods movement infrastructure/facilities	Strategy for Objective 1	Percent of regional freight that serves the national economy.	Lane miles of freight designated corridors
	4. Maintain airport connectivity and availability	Strategy for Objective 1		# of cold-ironing (Patricia Lawhorn)
	5. Foreign trade zones	Strategy for Objective 1		pipeline capacity
	6. Expand & maintain use of foreign trade zones. (Need to review)	Strategy for Objective 1		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Balance economic benefits of goods movement with community health and quality of life.	1. Improve integrated long term transportation & goods movement planning. Utilize existing plans & studies, coordinate w/other groups who have goods movement plans. Improve planning to anticipate/ include global changes. These two planning objectives may be more metrics or used elsewhere.	Strategy for Objective #3	Number of freight related accidents	# of residential areas/units w/in _ miles of freight dist. Facilities or hazardous vehicle routes
	2. Ensure goods movement dev. compatible w/community character and public health	In objective #3	% of grade separated crossings	Energy use ton (kw) or (diesel) or use of biodiesel
	3. Balance economic benefits with community health & quality of life when considering transportation improvements for goods movements	In objective #3	Number of residential areas/units w/in _ miles of freight dist. Facilities or hazardous vehicle routes	Use of ITS technology
			% of clean emissions from freight	

Prosperity 3

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics	
3. Improve intermodal connections and coordination, including rail, truck, airports, seaports and other goods movement and information infrastructure.	1. Encourage cooperation and expand rail connections for goods & people	Objective #4	# of multi-modal distribution centers	# of freight related accidents	
	2. Increase intermodal opportunities; including rail, truck, airports, maritime, and ports	Objective #4	Lane miles of freight designated corridors	# of accidents	
	3. Increase efficiency via technology innovation	Strategy for objective #4	Annual Tonnage through the region's Ports	# of multi-modal distribution centers	
	4. Increase geographic distribution of goods movement facilities (Wal-marts, HEBs, etc.)	Strategy for objective #4	Peak Period travel time - truck, rail	% of clean emissions from freight	
	5. Increase local production of goods and services for local demand in concert with "buy local"	Strategy for objective #4	Amount (in tons) of freight that moves in/out/within/through the region	Increases in key infrastructure	
	6. Intermodal connectivity	In objective #4	Amount (in tons) of freight that moves in/out/within/through the region compared to other major cities/regions in the nation	Percent of households with internet access (internet as infrastructure)	
	7. Increase rail & roads opportunities	In objective #4	Number of deepwater ports	Cost of moving goods to consumers: analysis of if the costs are disproportionate to local communities	
	8. Increase intermodal opportunities	In objective #4	Miles of active railroad tracks and tonnage transported using railroads	Annual Tonnage through the Port of Houston	
	9. Provide efficient intermodal connectivity between biz centers		In objective #4	Percent of goods remaining in region (non-pass through)	Use of ITS technology
				Number of direct international flights from the Houston Airport System	Use of GPS technology
				# of multi-modal distribution centers	
				Travel time - trucks, rail	
				% of grade separated crossings	
				Number of direct international flights	
				Energy use ton (kw) or (diesel) or use of biodiesel	
				Peak Period travel time - truck, rail	
				# of multi-modal distribution centers	
				Shipping cost/mile and cost/hour	

Prosperity 4

<u>Goal</u>	<u>Recommended Objectives</u>
Our region embraces its rich multicultural, historical, and natural assets to ensure its communities retain their unique character.	1. Capitalize on the region’s reputation as a place of diversity, opportunity, and unique historical, cultural and natural assets.
	2. Improve neighborhoods while preserving socioeconomic & cultural diversity
	3. Increase knowledge and appreciation of all cultures, with emphasis on sharing with future generations and visitors.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Capitalize on the region’s reputation as a place of diversity, opportunity, and unique historical, cultural and natural assets.	1. Educate region on assets & their value.	Strategy for Obj. 1	Regional ethnic diversity compared to other regions in the nation. (Simpson Diversity index)	Number of available community centers/civic clubs (measure by participation and/or enrollment)
	2. Market assets for economic development. Market diversity & opportunity of region.	This is obj. 1	Farmland acreage + ranch acreage*	Number of cultural events
	3. Celebrate local growth businesses & activities	Strategy for Obj. 1	Demographic composition in the region (age/race/etc.)	Number of cultural appropriate parks
	4. Create & promote region as International Gateway, 24/7 city	Strategy for Obj. 1	Number of languages spoken in the region.	Amount of money invested in cultural events and organizations
	5. Market & promote tourism of region's resources (cultural, nat., historical) Promote creative arts (facilities, education & jobs) & cultural	Strategy for Obj. 1	Number of diverse ecotypes that provide green space, nature viewing, and recreational opportunities	Number of historical markers/landmarks
	6. Promote natural heritage education	Moved from Prosperity 5, Strategy for Obj. 1	Number of historical markers/landmarks	Sales tax revenue
			Percentage foreign born	Acres of coastal prairie, tidal and freshwater wetlands, upland and bottomland forests converted to development
				Average household income

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Improve neighborhoods while preserving socioeconomic & cultural diversity .	1. Improve neighborhoods while preserving socioeconomic & cultural diversity	Strategy for Obj. 2	DATA GAP	Number of incidents of illegal dumping
	2. Promote & preservation of historic building & neighborhoods of historical significance	Strategy for Obj. 2	Number of areas and number of households with poverty or racial concentrations	Number of historical markers/landmarks
	3. Preserve historically culturally relevant areas in an efficient and sustainable manner	Strategy for Obj. 2	Number of genealogical/cultural centers/libraries	Number of cultural events
	4. Encourage land uses compatible as community character	Strategy for Obj. 2		Measure of safe neighborhoods
	5. Communities retain local identity.	Strategy for Obj. 2		Number of available community centers/civic clubs (measure by participation and/or enrollment)

Prosperity 4

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
6. Provide tools for preserving existing neighborhood flavor	Strategy for Obj. 2		Amount of money invested in cultural events and organizations
7. Revitalize neighborhoods while mitigating negative equity impacts of gentrification	Moved from Places 1, Strategy for Obj. 2		Acres of coastal prairie, tidal and freshwater wetlands, upland and bottomland forests converted to development
8. Retention of residents over time as investments increase	Moved from Places 1, Strategy for Obj. 2		Number of cultural appropriate parks
9. Encourage policies that maintain unique local aspects of communities	Moved from People 5, Strategy for Obj. 2		Fresh water inflow to Galveston Bay
			Sales tax revenue
			Percentage of residents with access to recreational opportunities (within 10 miles / within a 10 minute walk)
			Average household income

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Increase knowledge and appreciation of all cultures, with emphasis on sharing with future generations and visitors.	1. Increase opportunities for youth and adults to learn about regions multicultural, historical and natural assets to foster stewardship	Strategy for Obj. 3	DATA GAP	Number of cultural events
	2. Increase knowledge and appreciation of all cultures, with emphasis on sharing with future generations and visitors to a community	This is Obj. 3	Number of historical markers/landmarks	Amount of money invested in cultural events and organizations
	3. Encourage & increase cross cultural experiences & partnerships (share)	Strategy for Obj. 3	Dollars in tourism tax	Number of historical markers/landmarks
			Number of cultural, visual and performing arts organizations in the region	Number of available community centers/civic clubs (measure by participation and/or enrollment)
NOTE:	Original Objectives	Notes on Original Objectives	Number of multicultural and minority arts organizations in the region	Acres of coastal prairie, tidal and freshwater wetlands, upland and bottomland forests converted to development
Objectives that have been moved to other goals	1. Improve building standards based on area's vulnerability to disaster	Move to prosperity goal #5	Number of community centers/civic clubs	
	2. Support development of National Recreation Area Along Coast	Moved to Places Goal 2		
	3. Create mechanisms to protect/preserve natural Wetlands, bayous, prairie, forests & others	Moved to Places Goal 2		
	4. Consider environmental. & health impacts during & econ development decision making process	Moved to Places Goal 1		
	Provide for various souvenirs			

Goal	Recommended Objectives
Our region is resilient and adaptive to economic downturns and environmental or natural disasters.	1. Provide equitable access of capital and resources for business during and after disasters.
	2. Increase disaster preparedness for residents and businesses.
	3. Create a built environment that is resilient and adaptable to changes in the natural environment.
	4. Reduce or discourage development in vulnerable areas.

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
1. Provide equitable access to capital and resources for businesses during and after disasters.	1. ID vulnerable communities region-wide & equitably allocate resources.	Strategy for Objective #1	DATA GAP	Track value of eco. Assets in environmentally sensitive areas.
	2. Provide mechanism where individuals can invest in small businesses.	Strategy for Objective #1	Amount (\$) of FEMA Disaster Recovery and SBA Disaster Recovery received after natural disasters.	LQ analysis of region at different scales to determine economic diversity/vulnerability
	3. Reduce exposure of economic assets via buyout programs and other mitigation & planning efforts	Strategy for objective #1		Determine whether current disaster recovery plans include return phase of recovery process. Gas available outside flood plan. Food. Laundromat.
	4. Support for small & large businesses to recover quickly	In objective #1		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
2. Increase disaster preparedness for residents and businesses.	1. Citizens are continuously educated on emergency response system. Local business /agencies/ municipalities share resources. Resilient energy & communication systems.	In objective #2	Percent of zero-auto households in hurricane evacuation zones	Determine whether current disaster recovery plans include return phase of recovery process. Gas available outside flood plan. Food. Laundromat.
	2. Provide scenarios for economic shifts and impacts to economy (planning for) incl. systems	Strategy for objective #2	Percent of elderly in hurricane evacuation zones	Track value of eco. Assets in environmentally sensitive areas.
	3. Prep. Community for disasters (natural & man made) Region will have effective emergency response system that is equitable. Region has diverse set of economic drivers. Develop plan to protect natural & physical assets. Strengthen existing industries while developing new set of economic drivers.	In objective #2	Number of mitigation actions identified in the regional Hazard Mitigation Plan.	Assist Flood Control District. Success of current (calculate water cover) water retention thru ponds number & capacity

Prosperity 5

Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Improve evacuation systems for disasters.	Strategy for objective #2	Unemployment rates over the past 5 years	Calculate true value of any vulnerable lands (source Ha. Co. FCD)
5. Return people to communities following disaster.	In objective #1	Track the amount (\$) of Disaster Recovery Enhancement Funds (DREF) received in the region over time after natural disasters.	Calculate repetitive flood losses
6. Increase preparedness for business recovery/mitigation following disasters.	In objective #2		
7. Improve interlocal cooperation for emergency response	Strategy for objective #2		
8. Plan for the "What ifs"	strategy for objective #2		
9. Prepare plan for emergency	strategy for objective #2		
10. Consider that we are in a disaster prone area and consider how to replenish (as much as possible and as quickly as possible) the negative impact of disasters.	Moved from Place 2, Strategy for Objective #2		

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
3. Create a built environment that is resilient and adaptable to changes in the natural environment.	1. Study extreme weather & long-term climate change impacts on region & mitigate & adapt to effects.	Strategy for Objective #3	DATA GAP	Determine whether current disaster recovery plans include return phase of recovery process. Gas available outside flood plan. Food. Laundromat.
	2. Develop design standards to address gradual onset climate change impacts (urban heat islands, drought)	Strategy for Objective #3	Amount of severe repetitive flood losses (\$) over time	Total acreage and location of natural and constructed wetlands
	3. Encourage sustainability of built environment. (infrastructure, transportation, commercial & industrial buildings & housing)	In objective #3	Dollar amount of agricultural loss due to recent drought	Acres of impervious surface
	4. Increase efficiency & resiliency of built environment	In objective #3	Number of LEED certified green buildings or Energy Star buildings	Size / cover of urban and/or regional tree canopy - measure TCC (Total Canopy Cover)
	5. Improve maintenance/resiliency of public infrastructure	In objective #3	the number of buyouts for repetitive flood loss properties	Size / cover of urban and/or regional tree canopy
	6. Reduce possible causes of future disasters (greenhouse gas reduction etc.) Promote regions participation to addressing climate change.	In objective #3 and strategy for objective #3		
	7. Maintain balance between housing/bldg quality (to withstand weather events) and affordability	Objective #3		

Prosperity 5

8. Prepare for climate adaptation (address health & other non-typical/new disasters)	Strategy for Objective #3
9. Increased/new systems to store/handle water (to mitigate & normalize waterflow during flood & drought)	Strategy for Objective #3

Recommended Objectives	Original Objectives	Notes on Original Objectives	Recommended Metrics	Original Metrics
4. Reduce or discourage development in vulnerable areas.	1. Improve building standards based on area's vulnerability to disaster	Moved from Places goal #3, In Objective #4	Value of ecological services in environmentally sensitive areas.	
	2. Reduce or discourage/development in vulnerable areas	Objective #4	Population in storm surge zones	
			Percent of population in the region living within the 100-year floodplain	
			Percent of population in the region living within hurricane evacuation zones	

NOTE:	Original Objectives	Notes on Original Objectives
Objectives that have been moved to other goals	Increase diversity of local economy	In Prosperity Goal #1
	Ensure comprehensive planning for local & regional water supply needs (with implementation strategy) - reduce reliance on state planning	Moved to Places 4

Goals and Draft Objectives and Metrics

Green = recommended metric

Yellow = recommended for data appendix

Pink = better fit with different goal

Blue = HUD 'Flagship Indicator' Metric (Recommended)

Red ink = new metric based on best practice review

Section	Goal	Objectives	Metrics
People	Our region's residents have access to education and training opportunities to allow them to realize their full potential	1. Reduce disparity in educational attainment rates 2. Ensure that residents with special needs have equal access to education and training 3. Provide access to training opportunities for life skills and a wide spectrum of careers	<ul style="list-style-type: none"> • Degree completion rate (high school, college) • Number of vocational certification programs/students • Incarceration levels (including by age) • Number of households within x radius of higher ed. Opportunity • Expenditure per student (National Center for Education Statistics) • Percent of schools with high state rating • Average freshman graduation rate • Pupil/teacher ratio • Percent of people ages 25+ without college degree, with 2 yr degree, etc. • Unemployment rate by education level (Prosperity 2) • Percent limited English Proficiency • Number of workforce continuing education programs • Literacy rate • Salaries by vocation/occupational wages (Prosperity 2) • Educational attainment vs. other regions • Children enrolled in preschool (ACS, Census : used in St. Louis plan) • Proficiency Levels (3rd, 5th, 8th, 11th grade reading and math levels – TEA – From All Kids Alliance)
	Our region's residents live in safe, healthy communities with	1. Encourage community planning and design that allows for shorter	<ul style="list-style-type: none"> • VMT (daily total and per capita) • Total percentage of workers commuting via walking, biking, transit or

<p>transportation options, including walking, biking, transit and driving</p>	<p>trips and accommodates safe pedestrian and bicyclist travel</p> <ol style="list-style-type: none"> 2. Improve the safety of all transportation systems 3. Strengthen regional collaboration to increase transportation funding options 4. Increase access to commute alternatives, including transit, carpools, vanpools, and telework 	<ul style="list-style-type: none"> rideshare # of Mixed use/TOD H+T Affordability: Proportion of household income spent on housing and transportation costs Frequency of transit and number of transit boardings % of funding approved by TPC for ped/bike and transit projects and amount requested (unmet need) #/frequency of crashes involving bike/ped #/frequency of motor vehicle crashes # of jurisdictions in region with a complete streets policy # of jurisdictions that require construction of sidewalks with new dev/redev % LMI households within access to transit/bikeway/trail % of all households within access to transit/bikeway/trail Mean travel time to work in minutes # of safe routes to school programs in the region # of lane mile of roadway identified as deficient # of deficient bridges Dollars in toll road revenue # of bikes on buses # of people/trips participating in commute alternatives # of companies participating in commute alternative programs Congestion costs (TTI)
<p>Our region enjoys clean and plentiful water, air, soil and food resources to sustain healthy future generations</p>	<ol style="list-style-type: none"> 1. Meet and maintain national air quality standards 2. Continue to reduce levels of bacteria and other pollutants throughout our region's waterways 3. Increase capacity for local food production by promoting stewardship of prime farmland, water resources, and improved business infrastructure for local food production 	<ul style="list-style-type: none"> # of counties and percent of population in non-attainment area # of 8-hour ozone exceedance days per year Estimated tons of NOx reduced through H-GAC Air Quality programs # of air industrial upsets. Toxic chemical releases to land, air, and water (toxic release inventory, US EPA. Used in St. Louis and King County) # and % of stream miles for water bodies with bacteria impairments # of jurisdictions adopting Bacteria Implementation Group Plan # and % of stream miles that fully meet water quality standards for contact recreation # and listing of TMDL implementation plans and watershed protection

		<p>4. Encourage use of native plants/vegetation in landscaping to decrease water demand Encourage water conservation across agricultural, commercial and residential sectors to decrease water demand and maintain existing water supplies</p>	<p>plans within the region</p> <ul style="list-style-type: none"> • Acres of prime farmland and # of farms • Acres of active/working agricultural land • Revenue from agricultural production • % of water demand being met or per capita water usage • Proximity to or number of native plant nurseries • Number of educational programs (Texas Master Gardeners, etc.) • Frequency of native plant classes being taught in the region • Number of farms using organic practices (USDA – Used in St. Louis) • Per capita carbon emissions (Brookings Report – Used in St. Louis)
	<p>Our region's residents are physically and mentally healthy and are able to lead healthy lifestyles</p>	<ol style="list-style-type: none"> 1. Increase opportunities for residents to be physically active 2. Increase access and availability of health services, especially in areas/populations that are currently underserved 3. Create an emphasis on wellness focusing on lifestyle choices that will reduce health care costs 4. Increase access of all residents to healthy, nutritious food 	<ul style="list-style-type: none"> • % of residents within x radius of a trail or a park (Places 2) • Average county walk score • Obesity rate by county for adults and children • # of jurisdictions with parkland dedication ordinances • # of uninsured • % of residents within x radius of hospital or trauma center (recommend: change to % with access to primary care) • # of Head Start programs (move to People 1) • # of public housing units that have an anti-smoking policy • # of participants in WIC program • Infant mortality rate • Allocation of dollars for preventative health • # of senior centers • Average incidence rates of preventable diseases • # of fresh produce outlets/1,000 residents • Percent of total population that reside in a low income census tract AND reside more than one mile from a supermarket/large grocery store (for rural census tracts, the distance is more than 10 miles) (expand to include all) • # of food deserts in the region • % of population within x radius of farmers market • Crime level (Uniform Crime Reports – Used in St. Louis and King County) or Violence in Homes

			<ul style="list-style-type: none"> • UTMB Texas Health Equity Index Indicators (see list) • # of registered voters • % of registered voters who turn out to vote • # of newspapers and circulation • # of media outlets • % mix of housing types in the region • Average density per county • # of special purpose districts in the region • % of population living in unincorporated areas • Homeownership rate • General local government debt to revenue ratio (ratio of debt to local revenue – State and local government finance, Census) Used in St. Louis. Also HUD indicator.
	Our region provides choices for individuals and for local communities to fulfill their needs	<ol style="list-style-type: none"> 1. Increase public awareness of and participation in local and regional planning. 2. Improve access to data and information to inform decision-making. 3. Maintain a diverse range of choices in housing and neighborhoods 	

Section	Goal	Objectives	Metrics
Places	Our region coordinates infrastructure, housing, and transportation investments, creating areas of opportunity and enhancing existing neighborhoods	<ol style="list-style-type: none"> 1. Coordinate infrastructure planning, construction and maintenance to optimize system performance and realize cost savings to taxpayers 2. Remove barriers to development in areas with existing infrastructure networks 3. Improve connectivity of land uses and multiple transportation modes 4. Encourage the use of 'green infrastructure' 5. Prioritize rehabilitation and maintenance of existing infrastructure 	<ul style="list-style-type: none"> • # of livable centers studies completed • # of livable centers projects implemented • % of transportation funding going to new capacity vs. existing (including rehab and maintenance) and amount requested (unmet need) • % of residents that prefer to live in more urbanized/walkable areas • Acres of identified brownfields • # of brownfield acres/sites for residential use • # of households within ¼ to ½ mile of transit • % of population living in areas with high score on H-GAC connectivity/density index • Number of acres of development that meets LEED ND standards • % of population living within major activity centers • % of area/acres of development in storm surge areas (Prosperity 5) • # of severe repetitive loss structures
	Our region values and preserves its unique ecosystems, working	1. Promote more efficient land use patterns	<ul style="list-style-type: none"> • Net acres of agricultural and natural resource land lost annually to development per new resident

<p>landscapes, parks, open spaces, and the ecological benefits they provide</p>	<p>2. Preserve, protect, and restore vital ecosystems and prime agricultural land</p> <p>3. Increase public access to parks and natural areas</p> <p>4. Promote low impact development and community planning that incorporates conservation</p> <p>5. Develop partnerships to increase funding available for projects that improve environmental quality</p>	<ul style="list-style-type: none"> • Total acreage and/or % of connected wilderness • # of/ acres of conservation easements (and other methods of preservation) • Acres of species habitat • Total acreage and location of natural and constructed wetlands • Farmland acreage and ranch acreage • Acres of high value environmental resources • Acres of state and national parks lands • Parks acreage per capita by geography and park type • Percent of population that reside within 1 mile of a park or open space for rural or ½ mile for urban space • Acres of impervious surface (land cover data) • Dollar value of environmental benefits from trees • % of tree canopy
<p>Our region's communities have a range of quality housing choices that meet the diverse needs and preferences of all residents</p>	<p>1. Increase the supply of affordable housing units in areas with good pedestrian infrastructure and access to transit and public services.</p> <p>2. Increase the accessibility of safe, healthy, energy efficient, housing units to residents throughout the region.</p> <p>3. Provide housing mix that provides choices for residents of all ages.</p>	<ul style="list-style-type: none"> • Average housing cost compared to median family income • Percentage of renter units and owner units affordable to households earning 80% of HUD area median family income • Change in total # of housing units (2000-2010) • # of homeless • Units available to LMI based on type of housing • H+T Affordability: Proportion of household income spent on housing and transportation costs • Ratio of home value to annual income • # of % of people living in sub-standard housing • # of rehabilitated units • Home ownership rate (People 5) • # of age-restricted or assisted units compared to population • # of housing units that are ADA compliant • % of single-family and multi-family housing • # and geographic distribution of senior population • # of people served by public housing authorities • # of housing authorities

			<ul style="list-style-type: none"> • Monthly home ownership costs • Monthly rental housing costs
Our region efficiently uses, reuses, and conserves its natural resources by managing waste and consumption	<ol style="list-style-type: none"> 1. Increase the use of green construction practices and renewable energy sources 2. Create infrastructure and policies to increase re-use of recyclable waste products and water 3. Promote education and outreach on the importance and benefits of conservation, recycling, and re-use of materials and natural resources 	<ul style="list-style-type: none"> • % of municipal energy use that if from renewable sources • # of LEED certified projects • Usage of available incentives/funds for energy efficiency/weatherization • Number/% of homes with access to curbside recycling • Regional Recycling rate (H-GAC to have by end of year) • % of residents within x radius of recycling center, # of recycling centers • # of tons of waste sent to landfills in the region/capita • Total regional energy usage or energy use/capita • Greenhouse gas inventory? • Dollars of grant funds for solid waste management • # of hits on H-GAC recycling guide website • # of attendees at H-GAC solid waste and recycling workshops 	
Our region's communities are strengthened by strong social ties, local gathering places, and residents who participate in social, civic, service, and faith organizations	<ol style="list-style-type: none"> 1. Create new and enhance existing community gathering places and institutions 2. Maximize the accessibility and diversity of community facilities 	<ul style="list-style-type: none"> • # of cultural community centers/events • # of downtown public spaces grants by type/geography • # of new parks (Places 2) • Dollars of charitable donations • # of charitable/non-profit organizations by type • Volunteer rate (Volunteering in America – Used in St. Louis) 	

Section	Goal	Objectives	Metrics
Prosperity	Our region has a diverse economy and skilled workforces that support businesses, innovation, and entrepreneurship	<ol style="list-style-type: none"> 1. Support a balance of existing businesses while diversifying the economy and preparing for the future 2. Prepare for the international economy while emphasizing local talent and opportunities 3. Align workforce supply with demand 	<ul style="list-style-type: none"> • Amount of state incentives/grants for business development received in the region • Investment (public/private) in energy programs • Dollars of venture capital investment by sector • Industrial diversity score - # of jobs by employment sector • # of energy/oil and gas related companies in the region • # of healthcare related companies in the region

		<p>4. Promote investments in entrepreneurship and start-ups</p>	<ul style="list-style-type: none"> ● # of maritime shipping related companies in the region ● # of transportation and utility related companies in the region ● Agricultural production by county ● % growth in business establishments ● Funding for public education (local/state) (People 1) ● Rate of job growth and total job growth ● Five year estimated population growth ● Metropolitan gross domestic product/capita ● # of students graduating from programs focused on new energy alternatives ● Vocational certification vs. top industry sectors mix ● Balance between entry and existing workforce ● Growth alignment (between job growth and labor force growth) ● # of minority/women/small business certified firms ● # of SBA 504 loans by H-GAC ● Regional earnings from self-employment compared to national share
<p>Our region's residents have access to job opportunities that support a good quality of life and financial stability</p>		<p>1. Balance cost of living and personal income</p> <p>2. Increase proximity of job and housing choices</p> <p>3. Provide skills training that allows residents to improve their earning capacity</p>	<ul style="list-style-type: none"> ● Local average wage vs. state/national wages – change to median wage ● County level cost of living/wage ● Poverty rates compared to national average ● Per capita income, median household income ● % in poverty that are working ● Median home value ● % of families with single female parent ● % of all households receiving public assistance ● Average home appreciation ● Jobs/housing balance (regional or county average) ● # of colleges and higher learning institutes ● Unemployment rates by county compared to nation, unemp. by educ. level ● % change in unemployment rate ● % not in labor force, age 16+ ● % managerial, professional, and technical jobs ● Employment rate for adults with disabilities (ACS, Census: Used in St.

	<p>Our region's transportation and infrastructure promotes effective goods movement and is well-connected to other global destinations</p>	<ol style="list-style-type: none"> 1. Encourage job growth through capitalizing on increased global connectivity and goods movement through the region 2. Balance economic benefits of goods movement with community health and quality of life 3. Increase intermodal connections and coordination, including rail, truck, airports, seaports, and other goods movement and information infrastructure 	<p>Louis Plan)</p> <ul style="list-style-type: none"> • # of direct international flights from the Houston Airport system • # of jobs in the region tied to goods movement industry • Dollars in drayage loans submitted in the region • Dollar amount of economic activity the region's good movement brings in to the state/region • % of regional freight that serves the national economy • # of freight related accidents • % of grade separated crossings • # of residential areas/households within x miles of freight distribution facilities or hazardous vehicle routes • % of clean emissions from freight • # of multi-modal distribution centers • Lane miles of freight designated corridors • Annual tonnage through the region's ports • Peak period travel time, truck, rail • Amount in tons of freight that moves in/out/within/through the region, compared to other major cities in the nation • # of deepwater ports • Miles of active railroad tracks and tonnage transported by rail • % of goods remaining in the region (non-pass through) • Cost to businesses of delays faced by commercial vehicles • # of free trade zones
	<p>Our region embraces its rich multicultural, historical, and natural assets to ensure its communities retain their unique character</p>	<ol style="list-style-type: none"> 1. Capitalize on the region's reputation as a place of diversity, opportunity, and unique historical, cultural, and natural assets 2. Improve neighborhoods while preserving socioeconomic and cultural diversity 3. Increase knowledge and appreciation of all cultures, with emphasis on sharing with future generations and visitors 	<ul style="list-style-type: none"> • Regional ethnic diversity compared to other regions (Simpson diversity index) • Demographic composition in the region (Age, race, etc.) • # of languages spoken in the region • # of different ecotypes in the region • # of historical markers/landmarks or # of historic districts • % foreign born • # of areas and # of households with poverty or racial concentrations • # of genealogical, cultural centers, libraries

			<ul style="list-style-type: none"> • Dollars in tourism tax • # of cultural, visual and performing arts organizations, funding for local arts/culture (Urban Institute's Arts and Culture Indicators Project – Used in King County) • # of multicultural and minority arts organizations in the region • # of community centers/civic clubs • # employed in arts/culture organizations and establishments (Urban Institute's Arts and Culture Indicators Project – Used in King County) • # of library volumes and circulation (Urban Institute's Arts and Culture Indicators Projects – Used in King County)
<p>Our region is resilient and adaptive to economic downturns and environmental or natural disasters</p>		<ol style="list-style-type: none"> 1. Provide equitable access to capital and resources for businesses during and after economic or natural occurrences 2. Increase disaster preparedness for residents and businesses 3. Create a built environment that is resilient and adaptive to changes in the natural environment 4. Reduce or discourage development in vulnerable areas Encourage development in locations that are most resilient to environmental and natural disasters 	<ul style="list-style-type: none"> • Amount of FEMA disaster recovery and SBA disaster recovery received after natural disasters • % of zero-auto households in hurricane evacuation zones • % of elderly in hurricane evacuation zones • # of communities covered in a hazard mitigation plan and # of mitigation actions identified in regional or local hazard mitigation plans • Amount of disaster recovery enhancement funds received in the region • Amount of severe repetitive flood losses over time • Dollar amount of agricultural losses due to recent drought • # of buyouts for repetitive flood loss properties • Value of ecological services in environmentally sensitive areas • Population in storm surge zones • % of population living within 100-year floodplain • % of population living in hurricane evacuation zones • Vulnerability index? • # of businesses with recovery plans • # of communities participating in FireWise Community program

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To: Ellen Heath, Liz Drake, H-GAC staff
From: B. Faga
Re: Houston-Galveston Regional Plan for Sustainable Development
Public Engagement Review and Strategy Session
AECOM NO: 60236133
Date: June 15, 2012

Summary

1. **You have a great theme and base.** The themes of *people, places and prosperity*; and *region, vision, future*, are representative of an open public process. The information and process to date are complete and well-structured. The Sustainable Communities Public Engagement Declaration has well stated core values.
2. **You need an all-out campaign to add more people to the process and to build your network to reach a 1% of total population (or more) involvement.** Your process and structure is organized to support substantially more public input. The amount of people involved to date is low, both in total people, the younger age group you state you are looking for, and diversity. For a process that involves a 6 million population you should target a minimum of 60K (1%) or more. Diversity and inclusion are among your goals to achieve a broad range of input. Each member of your committees and constituencies should contribute to the goal of involving as many people to the process as possible by using their professional and social networks.
3. **Your message is jobs and education.** You are fortunate to have identified job and education as the two most desired goals of the people that have participated in the process to date. The first priority for themes, speakers, and venues should revolve around the themes of jobs and education. This is where you should direct your future programming to educate and attract the public.

Background

The intent of this memo is;

1. briefly summarize the information I reviewed regarding the public engagement review and strategy session
2. review on-line information regarding this process
3. participate in meetings and discussion with the H-GAC
4. facilitate meeting with the CC regarding the process to date
5. make recommendations for the next phase work plan

My comments are based on meetings held June 10 in Houston and my review of the documents to date including;

- Response to RFP, April 12, 2011
- Community Meeting Action Plan
- Public Engagement Plan
- Sustainable Communities Public Engagement Declaration
- Community Engagement Plan Update
- Engagement Action Plan
- Community Engagement Report
- Work Plan Narrative
- Survey Report Draft
- On line web sites and media

Recommendations

Public involvement: Regarding how many people should be involved in this public process there is no amount defined by any entity to date. It would appear that a minimum of 1% is a goal to exceed in order to illustrate that a diverse population has been informed of the process. While making decisions on how best to achieve this goal you should look for opportunities and locations that attract a young, diverse population, such as universities, radio, newspapers, business leaders and your partner web sites that can speak to jobs and education. A variety of social media is also important to the process as diverse populations may not have regular access to computers but are generally active on cell phone use.

Education: The main goal of public process is to educate people. By educating large numbers of the population you 1) build your constituency in support for the project and 2) identify champions or leaders that will emerge to support the issues. It is basically a numbers game, the more people you educate, the chances of building an enlarged constituency and finding new leaders improves statistically.

Professional/social networks: Research has shown that people do not respond to requests to visit web sites for information or to fill out surveys unless the person making the request is someone they trust personally or by reputation. It is not enough to send a broad email to constituents without asking personally for what you would like them to do, such as fill out a survey or attend a meeting. People are more apt to respond to someone or an entity they know.

Roles and responsibilities: Each member of your committees who have a seat at the decision table should be in support, and make their professional networks available to the process. It is estimated that the people involved in the CC have extensive networks that can easily begin to satisfy the estimated 1% of population involvement. H-GAC's

role is to provide the information to their committee members. The boards and committee members who assume their roles should understand that it is their responsibility to provide access to their networks to accomplish a successful public process.

Opposition at meetings: The fact is there is and will continue to be opposition at meetings. To counter this organized attempt to preclude public discussion you might approach this several ways: 1) state you will give the opposition the microphone for 10 minutes to state their case, then resume the meeting; 2) take the person obstructing the meeting aside for discussion; 3) ask for a vote from the attendees as to whether they would like to proceed with the meeting, or hear more from the opposition; and 4) adjourn the meeting if the opposition is too disruptive.

Transparency is an important aspect of public meetings and the facilitator should adhere to the following goals, among others the people attending may want to include, when you open the meeting:

- It's an open honest process
- There are no secret meetings or assurances
- The press is invited and attends
- Elected officials are invited and attend
- The process is portrayed honestly to the public
- All available information is released to the public
- A recognized community and impartial community leader is part of the process—the more leaders the better, in terms of quantity and quality
- People behave as if (somehow, somewhere) they will change their opinions or an agreement can be worked out among them.

In closing I appreciate the opportunity to comment on your process to date. If you would like additional information please contact me.

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