



MGTF:

Green Transportation Strategies & Recommendations

Presentation to:

Triangle Clean Cities Coalition
Stakeholders & Invited Guests

18 November 2010

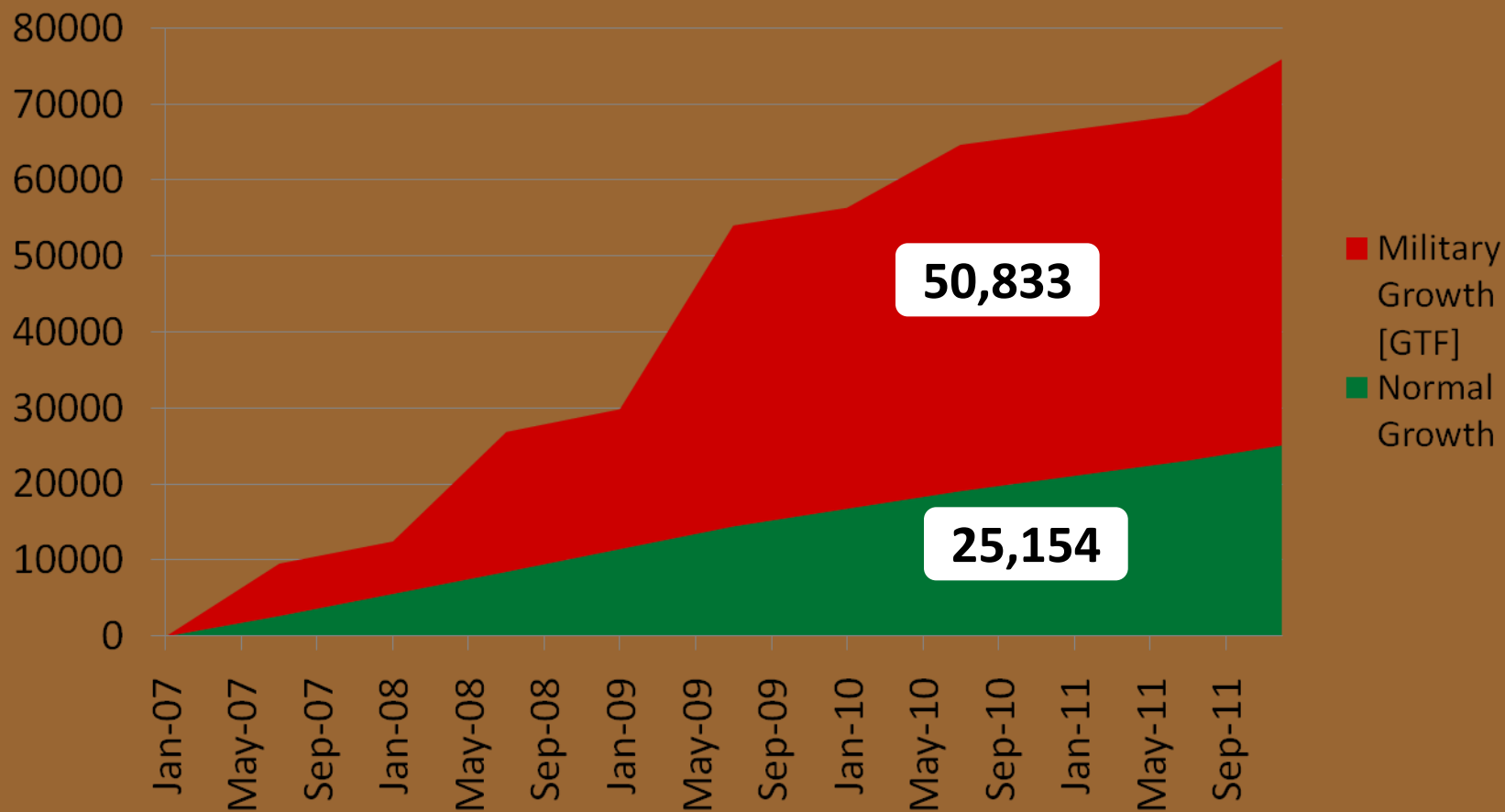
Amber Kumor, Esq.
Senior Analyst



Introduction to the MGTF

- A non-profit:
 - established by North Carolina's Eastern Region [NCER] in cooperation with the seven counties
 - established under DoD [Department of Defense] through the OEA [Office of Economic Adjustment]
 - The OEA invests in defense communities affected by changes in military growth
- Funded by OEA, 7 counties in the region, NCER and private donations
- The MGTF region is comprised of 7 counties based on the economic footprint of the USMC's eastern NC bases
 - Carteret, Craven, Duplin, Jones, Onslow, Pamlico and Pender

Reason for the MGTF



75K+ new residents = 302% of the forecasted regional growth ...
the equivalent of absorbing another Jacksonville/Greenville in 5 years

Growth by Installation

- MCAS Cherry Point

- Active Duty: 9,989
- Civilian: 5,348
- Total: 15,337
- Growth: 1,549



- MCAS New River

- Active Duty: 7,132
- Civilian: 580
- Total: 7,712
- Growth: 751



- MCB Camp Lejeune

- Active Duty: 46,679
- Civilian: 5,407
- Total: 52,086
- Growth: 10,754

MGTF Process & Timeline

Establish MGTF

Oct. 07-July 08

- Announcement of Marine Corps' "Grow the Force" initiative
- North Carolina's Eastern Region Stands up MGTF
- NCER requests and receives federal grant

Preliminary Impact Assessment

July 08-Dec. 08

- BAH selected as facilitator for Preliminary Impact Assessment
- Working Groups hold meetings to identify critical issues
- RFP for detailed study distributed
- Contractor for detailed study selected
- Key Stakeholders briefed

Detailed Study

Jan 09-Nov 09

- Detailed study conducted
- Continuing Dialog with key stakeholders
- Identification of additional sources of revenue

Implementation

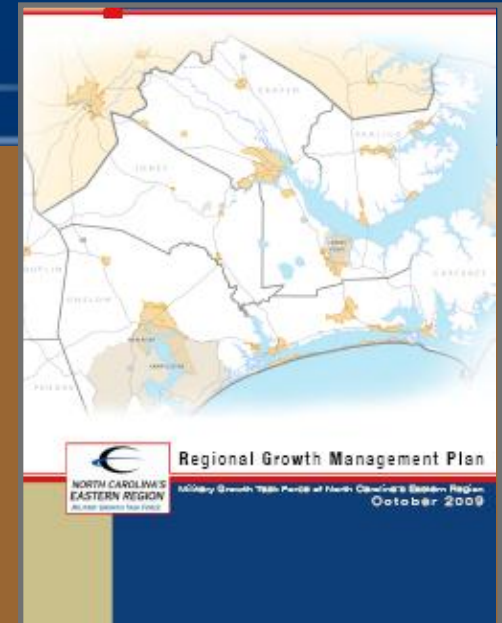
Jan 2010-Onward

- Implement RGMP recommendations
- Continue pursuit of additional sources of revenue
- Follow up on status of critical issues
- Monitor emerging issues

Study Phase

- Preliminary Impact Assessment [PIA]
 - 10 working groups/committees
 - 250 volunteers
 - 108 needs identified
- Regional Growth Management Plan [RGMP]
 - Looked at the 108 needs and developed 467 specific recommendations
 - Vetted through city/county managers and planners
 - Supported by the 7 county commissions

RGMP was officially signed off/approved on 15 October 2009.



Regional Planning Partnership

- Addresses 90% of RGMP-identified growth impacts
- Recognizes that growth issues are regional, requiring regional solutions and consensus
- Acknowledges that, increasingly, preference in funding is given to regional solutions
- Creates a forum wherein leaders can think beyond current plans
- Facilitates collaboration between existing regional organizations (Agriculture, Conservation, Military, Local Governments, Developers)

Development



Government



Military



**Regional
Planning
Partnership**

Environment



Agriculture



Priority Growth Issues

- Reciprocity in Workforce Licensing
- Transportation Congestion (commute times, fatality rate, impact on commerce)
- Loss of Community Carrying Capacity (infrastructure, water, schools, housing)
- Increased Emergency Response Times
- Clinician Scarcity
- Quality of Life Amenities
- **Lack of Comprehensive Regional Planning**
 - **Pervasive lack of land use planning**
 - **Accelerating loss of working lands**
 - **Spiraling cost to local gov't of sprawling infrastructure**

Regional Planning Partnership Candidate Projects:

- Regional Water Resource Strategy
 - Salt water intrusion
 - Storm water
 - Wastewater
- GrowIt EAST
 - Regional Food Distribution Center
 - Feeding regional Bases with regional produce
 - **Project Eastern Gain: Jobs, Land & Energy**
 - **Fueling regional needs with regional biofuels**
- Regional Leadership Forum
 - Seminars and field trips related to pressing regional issues

Eastern NC and Biofuels

- Growth Trajectory = Non-Sustainable East
 - Coastal growth + lack of land use plans + cheap land + improved access = loss of military mission and agriculture industry
 - Little political will for enforceable zoning
 - So, actions “short of zoning”

Project “*Eastern Gain: Jobs, Land & Energy*”

- EASTERN GAIN = Partnership between MGTF and NC Biofuels Ctr
 - Objective: to build a robust and viable biofuels industry in eastern NC, initially in support of existing NC biofuels consumers, that will create \$1b in new economic activity
 - Three Phases:
 - 1 - 2 mgpy biodiesel by 2012 (doubles state’s production)
 - 2 - 25 mgpy jet fuel by 2015
 - 3 - 100 mgpy jet fuel by 2017
 - Components:
 - Military: “Fuel for the Forces”
 - State: NCDOT is largest purchaser of biodiesel in the nation
 - Local: School buses, vehicle fleets
 - Business: Farming, Trucking, Airports, Construction

Eastern Gain: PHASE ONE

- **Objective**

- To stimulate the conversation among interests and stakeholders necessary to facilitate phases two and three

- **Goals**

- Double the state's 2010 production of biodiesel by 2012
 - 2 mgpy will “fuel the force”
- Satisfy the balance of NCDOT's requirement
 - 11.5 mgpy (largest single purchaser of bio-d in the nation)

- **Recent Milestones**

- 11 August 2010 kickoff event in Trenton (247 in attendance)
- Plant canola test/demonstration plots (Oct 2010)
 - Familiarize farming community with new winter crop
 - Evaluate nitrogen/phosphorous uptake (usefulness on hog farms)
- Identify / coalesce all players in the value chain
- Identify liability lands for production of energy crops
 - Eliminates competition between biofuel and food product
 - Source of revenue / reduced liability for municipalities

EASTERN GAIN: Challenges

- Overcoming subsidized petro-fuels
 - De-linking bio-diesel as a separate commodity in purchasing
 - \$3 gal diesel costs more than \$3 (real cost of importing oil)
- Competition with long-subsidized mid-western product
 - Infrastructure capitalized over 30 years

EASTERN GAIN: Opportunities

- Current demand far exceeds current supply
 - Nat'l renewable fuel standard = 1 bgpy in 2012 (up from 500 mgpy in 2007)
- Existing consumers in the military and NCDOT
 - DoD's emerging commitment to buy local (protect training mission)
 - DoD's mandates for renewables
 - National Security Imperative (energy security AND energy independence)
 - NCDOT's long-standing (1994) commitment to biodiesel
- Technology is mature / existing facilities and infrastructure
- Feedstocks are plentiful (if you can't do this in eastern NC, it can't be done)
 - Forest products
 - Seed oil
- Addresses climate change (reduced carbon emissions)
 - Aligned with NC Climate Action Advisory Group Recommendations

EASTERN GAIN: Bottom Line.....

- The NC biofuels industry will create skilled jobs
- Biofuels adds economic resiliency to NC's rural counties
- Biofuels adds value to NC's agricultural product
- Biofuels, grown and produced in NC, protects NC's military mission footprint
- Biofuels helps prevent unsustainable and unaffordable sprawl development
- Biofuels preserves open space and environmental quality

***A Unique
Confluence of
Interests:***

- Agriculture
- Developers
- Local Gov't
- Military
- Environmental
/ Conservation

Fact: NC consumes 2.4% of all biofuels and 8.1% of the biodiesel produced in the US.

EASTERN GAIN: Partners

- MGTf STRATEGIC PARTNERS FOR BIOFUELS:
 - NC Department of Agriculture
 - NC Biofuels Center
 - NC Solar Center
 - NCSU – Cooperative Extension Service
 - NC Department of Transportation
 - US Department of Defense (Ofc of Economic Adjustment)
 - Marine Corps Installations East (MCIEAST)
 - Eastern Carolina Council of Governments
 - Central Carolina Community College
 - Piedmont Biofuels Cooperative
 - Potter Oil Company

Military Growth Task Force



• QUESTIONS?

Amber Kumor

kumor@nceast.org

www.nceastmgf.org

910-340-8097