

*Fairfax County Chair's  
Private Sector  
Energy Task Force*

*Recommendations  
for the  
Board of Supervisors'  
Consideration*

*E $\eta$  (Energy Efficiency)*

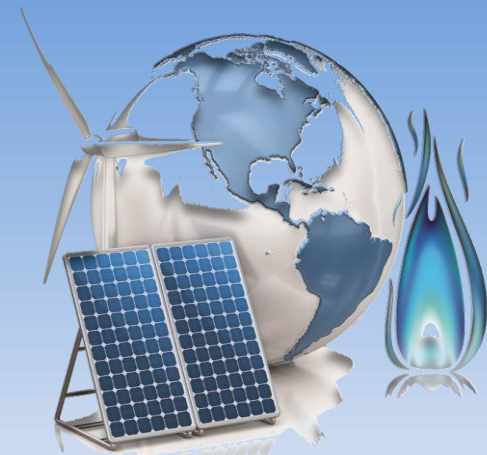


October 16, 2012

# $E\eta$

## *Mission Statement*

*Identify opportunities to develop a **transformational vision**, supported by achievable strategies that will define the steps our community can take to position itself as a leader in the area of energy efficiency, sustainability, and “green” technology.*



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# *Eη*

## *World Energy Demand*

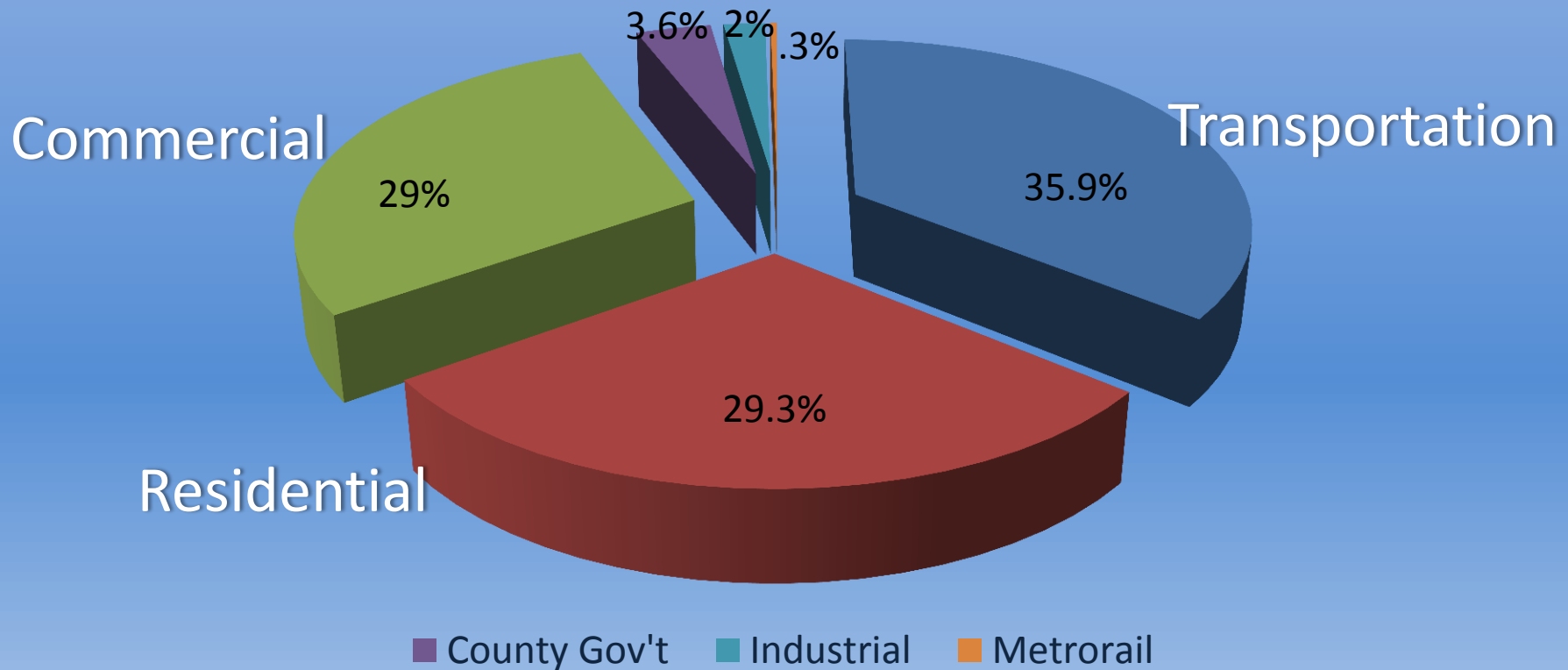
- Quadrupled since 1955*
- Projected to double by 2030*

*Increased energy efficiency =  
sustained appeal as an international  
business location*



*En*

# *Fairfax 2006 Energy Consumption By Sector*



Greenhouse gas production used as a surrogate  
for energy consumption



## *Communities with Breakthrough Targets*

### Metric Tons of CO<sub>2</sub>/Capita

Fairfax County	12.0 with 80% reduction by 2050 as part of a regional goal
Arlington County	14.6 with 3.0 tons as a goal
Loudoun County	14.2 with 6.0 tons as a goal
Manheim (Germany)	6.0 with 4.5 tons as a goal
Copenhagen (Denmark)	3.0 with a zero goal

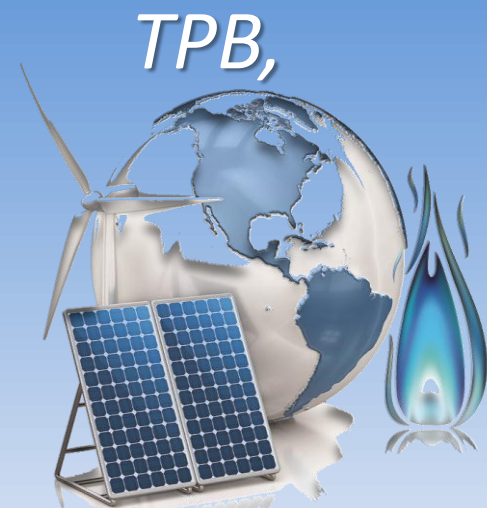
*Source: Garforth International, Fairfax County, and MWCOG*

*October 16, 2012*

# En

## *The Energy Task Force*

- *Included significant private sector expertise*
- *Worked from February 2011 to July 2012*
- *Many expert briefings*
- *Extensive staff involvement*
- *Transportation section reviewed by transportation experts, including VDOT, AAA*



October 16, 2012

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*Eight Recommendations  
for the  
Board of Supervisors*

*October 16, 2012*

*En*

# *Support Creation of a Public/Private Sector Energy Alliance*

*Purpose:*

- Pursue the ETF recommendations*
- Stimulate a transformational energy project to position Fairfax globally*
- Work for regulatory improvements*
- Build popular support*

*Rome was not built in a day*



*Eη*

## *Partner with the Energy Alliance to Stimulate and Sustain a Broad-Based Public Outreach*

- *Build upon the current County pilot program*
- *Generate enthusiasm and popular support for cost effective energy and emissions savings.*

*Eη*

## *Develop Revenue-Neutral Incentives...*

*...for investment in sustainable and efficient energy improvements to existing and new buildings*

### *Incentives:*

- Must not add to the regulatory burden*
- Should provide a worthwhile monetary benefit*

*The Process Committee chaired by Art Walsh is refining concepts for consideration*

*En*

## *Develop a Strategy that Will Enable the County to Meet Its Aggressive Goals*

- Carbon-neutral Tysons by 2030*
- On a regional basis, reduce carbon emissions 80% by 2050 from the MWCOG baseline*

*Strategy should allow for the unforeseen, market forces, and matters beyond the County's control*



*Eη*

*Transportation: Review the Report and Relay Findings to the TPB, VDOT, Northern Virginia Transportation Authority and Other Relevant Bodies*

- *Implement those portions within the County's authority*
- *Seek implementation of regional elements through TPB*

*En*

*With the Energy Alliance, Work to  
Facilitate the Application of  
Renewable, Green and Efficient  
Energy Technologies within the  
Virginia and County Regulatory  
Process*

*Regulation should not make us prisoners of the past*

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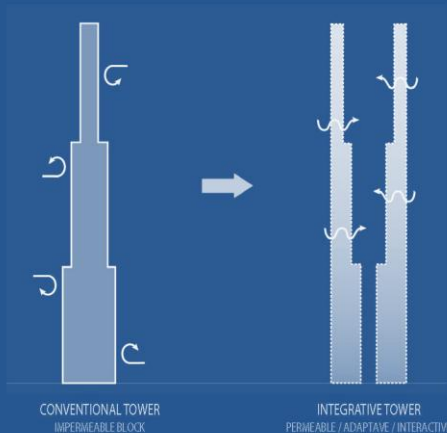


# *Eη*

## *With the Private Sector, Create Pilot Projects to Demonstrate the Use of Local Alternative Energy Sources for Small and Large Scale Development*

### *Pilot Projects should:*

- Not require legislative or policy change*
- Be at least revenue-neutral*
- Be initiated within 24 months*



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## *As County Energy Policies Evolve*

- Seek economic as well as environmental benefits*
- Avoid any increase in the regulatory burden*
- Be compatible with broader regional incentives*



*There has to be a worthwhile payback*