



# A VISION FOR A SUSTAINABLE DC





# A Vision for a Sustainable DC

Mayor's Council Breakfast

April 25, 2012

# **A Vision for a Sustainable DC**

---

***In just one generation—20 years—the District of Columbia will be the healthiest, greenest, and most livable city in the United States.***

***An international destination for people and investment, the District will be a model of innovative policies and practices that improve quality of life and economic opportunity.***

***We will demonstrate how enhancing our natural and built environments, investing in a diverse clean economy, and reducing disparities among residents can create an educated, equitable and prosperous society.***

# **Jobs & Health: Goals**

---

**Jobs 2032 Goal:** Increase **5** times the number of jobs associated with green goods and services including transit, stormwater management, energy efficiency, urban agriculture, and waste recycling and reuse while preparing the District workforce through education and training.

**Health 2032 Goal:** Cut in half the current **22%** citywide obesity rate.

# Built Environment: Vision & Goal

---

*Our buildings and neighborhoods will be vibrant, resilient, and embody innovative practices that ensure high quality of life, a competitive economy, and respect for the natural environment.*

**2032 Goal:** We will attract and retain **250,000** new residents and improve quality of life for existing residents in transit-oriented, walkable, and affordable communities. **ALL** new buildings will produce as much or more energy as they consume; existing buildings will be retrofitted to use **50%** as much energy and water.

# Climate: Vision & Goal

---

*Our city will minimize and offset its greenhouse gas emissions, while adapting to climate change in ways that protect the most vulnerable residents and create economic opportunity for all.*

**2032 Goal:** Reduce citywide greenhouse gas emissions by **50%** (and **80%** by 2050) while adapting to the hazards of climate change.

# Energy: Vision & Goal

---

*Our city will be a beacon for energy efficiency, reliability, and independence and lead the nation in the transition to affordable, clean, and locally generated renewable energy.*

**2032 Goal:** Reduce energy consumption by **50%** and increase the use of renewable energy to **50%**.

# Food: Vision & Goal

---

*District residents will be healthier and the local economy more diverse, thanks to equal access to a local, self-sustaining food production and regional distribution system.*

**2032 Goal:** Grow a food culture around providing equal food access, ensuring longevity of urban agriculture, and bringing locally grown food within a quarter mile of **75%** of the population.



# Nature: Vision & Goal

---

*Our city will conserve and manage natural resources to enhance biodiversity, improve quality of life, and build people's connection to, understanding of, and appreciation for nature.*

**2032 Goal:** Cover **40%** of the District with a healthy tree canopy and provide park or natural spaces within a 10-minute walk of **ALL** residents.

# Transportation: Vision & Goal

---

*Our city will create and sustain a system of accessible, convenient, and resilient transportation options that improve mobility and access and enhance the quality of the District's economic, social, and natural resources.*

**2032 Goal:** At least **75%** of all trips originating in the city will be by walking, biking, transit, or other clean transportation alternative.

# Waste: Vision & Goal

---

*Our city will eliminate solid waste by reducing the amount of waste we generate, and reusing or recycling all other materials for their economic value in manufacturing, energy production, or agriculture.*

**2032 Goal:** Achieve **ZERO** waste by producing less waste in the first place and capturing value from everything else through reuse, recycling, composting and energy production.

# Water: Vision & Goal

---

*Our water resources—all water falling in and flowing through the District—will be clean and fully accessible to support good health, thriving ecosystems, and an innovative economy.*

**2032 Goal:** Make the Anacostia River, Rock Creek, Potomac River and all District waterways fishable and swimmable and **75%** of the city's landscape able to naturally filter or capture rainwater for reuse.

# Green Economy: Vision & Goal

---

*Our economy will create and sustain jobs, businesses, and institutions that protect and enhance our people, the planet, and a shared prosperity for present and future generations.*

**2032 Goal: Triple** the number of small District-based businesses, including local retail; increase the value of the District's exports of goods and services **10**-fold; and reduce unemployment by **50%**.

# What Does Sustainability Mean for DC?

---

## *Your Wallet*

- Spending less on utility bills to heat and cool your energy efficient home
- Saving money by taking transit, walking or biking more often
- Saving money by growing your own food

## *Your Health*

- Better air quality, indoors and out
- Less obesity and chronic disease



**Moving Forward**

# DC is a Leader

---

**200+** ..... LEED-CERTIFIED AND ENERGY STAR-CERTIFIED GREEN BUILDINGS

**3** ..... FOLD INCREASE IN USE OF RENEWABLE ENERGY SINCE 2004

**7,600** .... ACRES OF PARKS AND OPEN SPACE—MORE PER CAPITA THAN ANY CITY OF OUR SIZE

**4%** ..... OF THE CITY'S JOBS IN GREEN GOODS AND SERVICES—2ND HIGHEST OF ANY STATE

**55** ..... MILES OF BIKE LANES AND FACILITIES



BY THE NUMBERS—

# Many Voices, One Vision

**125**

PUBLIC MEETINGS AND EVENTS



**1,600**

REGISTERED EMAIL FOLLOWERS



**1,100**

ACTIVE WEBSITE USERS



**400+**

UNIQUE SUGGESTIONS



**440**

ATTENDEES FOR MAYOR'S KICK-OFF



**9**

WORKING GROUPS



**700**

PARTICIPANTS



**900**

WORKING GROUP GOALS AND ACTIONS



# **Sustainable DC Legislative Package**

---

## **LEADING THE WAY FOR GREEN BUSINESS**

- Accessing private financial capital to create energy efficient buildings
- Promoting renewable energy generating systems
- Ensuring District environmental incentives are not taxed as income
- Fully funding the ENERGY STAR building benchmarking program

## **RESTORING THE ENVIRONMENT**

- Preventing fertilizer pollution in our streams and rivers
- Promoting urban agriculture through beekeeping

## **PROTECTING OUR VULNERABLE POPULATIONS**

- Protecting children from toxic exposure
- Energy system retrofits for low-income and elderly households
- Weatherization for low-income housing

# Next Steps

---

## **Overarching Conversations (May – June)**

- Jobs
- Health
- Education and Training
- Equity

## **Sustainable DC Vision Outreach (May – August)**

- Broader outreach to greater number and more diverse range of residents

## **Implementation Plan Development (April 25<sup>th</sup>- Fall)**

# Plan Timeline



- Website
- Community meetings
- Twitter
- Press and blogs
- Working Groups
- Green Ribbon Committee
- Developing prioritized recommendations for goals and actions
- Broad goals
- FY13 agency budgets
- Legislation
- **Broad issues**
- **Widespread outreach**
- Full Implementation Plan drafting begins

# Contact Information

---

**Christophe A.G. Tulou**

Director

District Dept. of the Environment

[Christophe.tulou@dc.gov](mailto:Christophe.tulou@dc.gov)