SUSTAIN ABLE DC

SUSTAINABLE DC 2.0

The District of Columbia's Sustainability Plan

DEPARTMENT OF ENERGY & ENVIRONMENT

WE ARE WASHINGTON DC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

1. Welcome and Introductions
2. Sustainable DC 2.0 Development
3. Climate Mitigation & Adaptation
4. Plan Implementation
5. Questions?

SUSTAINABLE DC VISION

Make DC the healthiest, greenest, most livable city in the country.

SUSTAINABLE DC 1.0

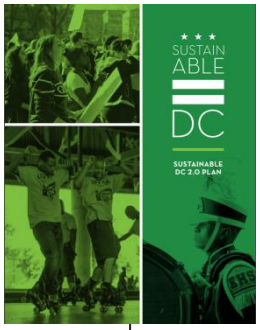
Addressed Four Citywide Challenges…

Through 7 Interventions

PLAN DEVELOPMENT: SDC TIMELINE

Sustainable DC 1.0 Launch

Sustainable DC 2.0 Launch



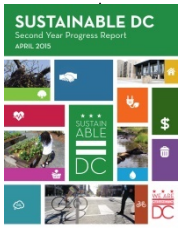
SDC 1.0 Development

SDC 2.0 Development

2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020

SDC 1 Implementation

SDC 2.0 Implementation



SUSTAIN ABLE DC

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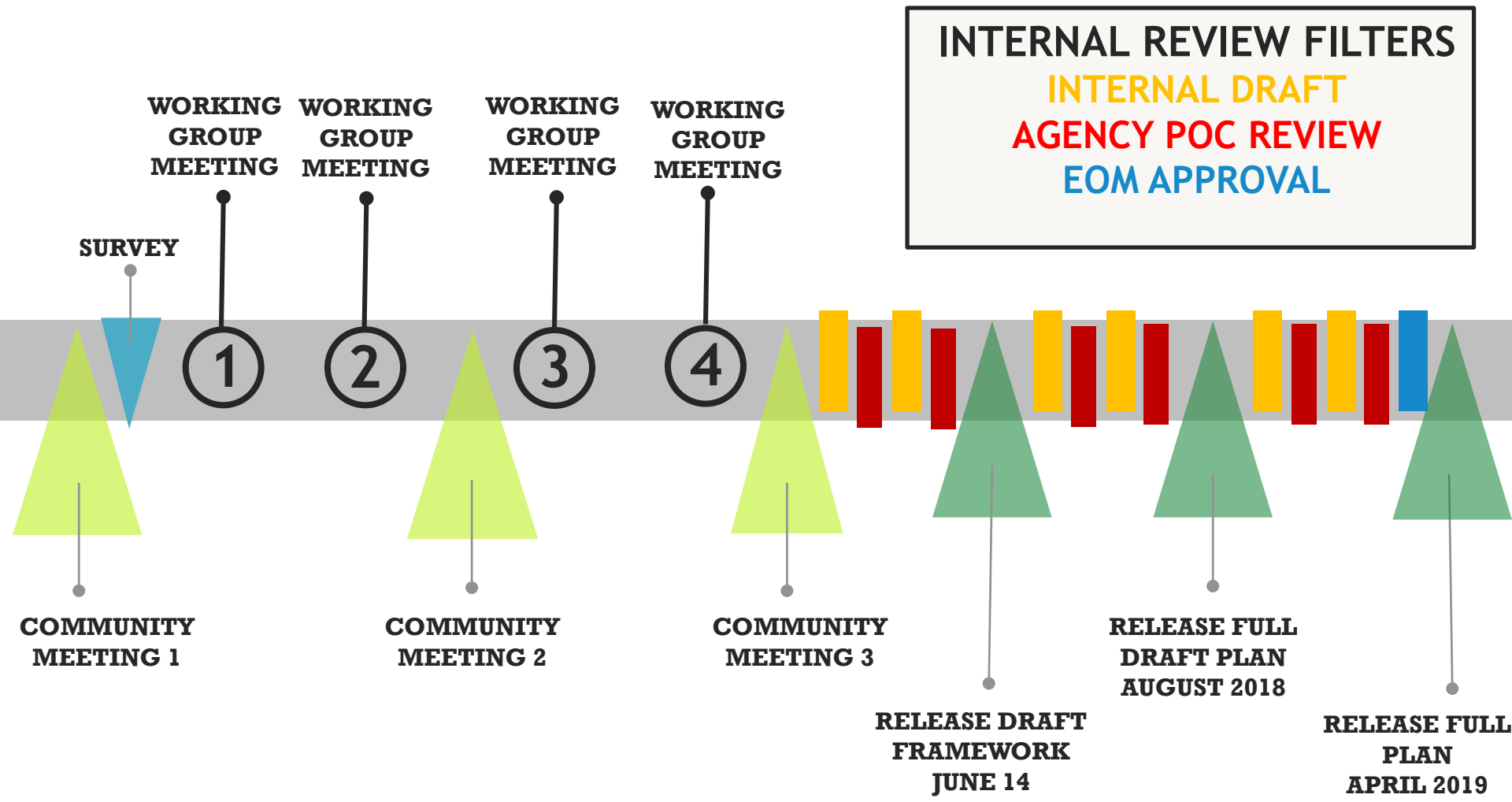
ITERATIVE PROCESS



UPDATE OBJECTIVES

- Increase quantitative rigor
- Engage people in the planning process who weren't involved the first time
- Make sure every District resident sees their priorities and concerns in the updated plan

TECHNICAL RIGOR

- Analysis of data inputs
  - 3,000+ survey
  - Focus groups
  - Telephone survey
  - Other District plans
  - Feedback from community meetings

- Screening matrix
  - Quantifiable?
  - On track?
  - Direct impact, prerequisite, supportive, or supports other targets?

- Best practices from other cities

PRIMARY STAKEHOLDERS

COMMUNITY PRIORITIES

ACCESS TO HEALTHY FOODS

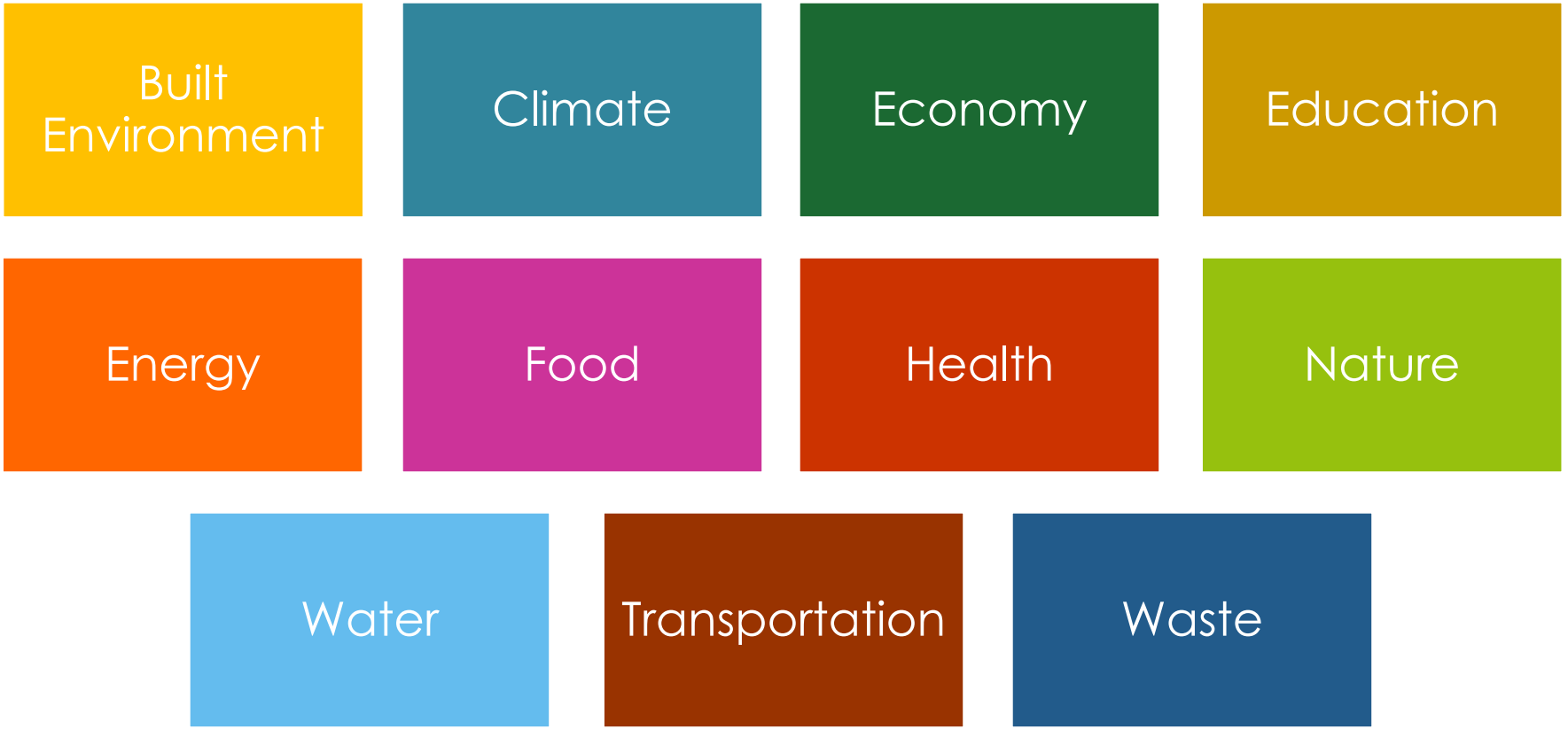
RECYCLING & COMPOSTING

AFFORDABLE HOUSING

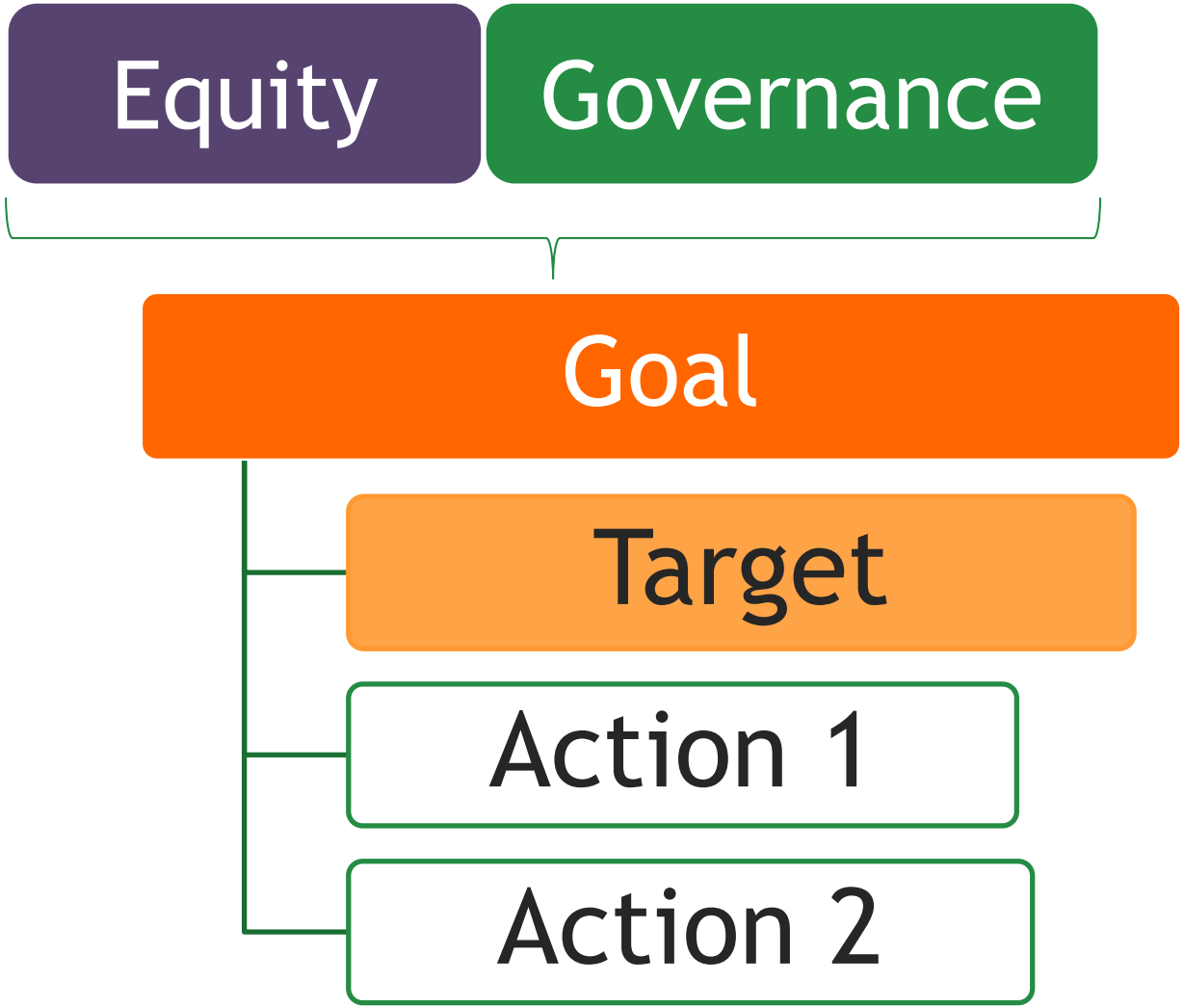
CLEAN, LITTER-FREE STREETS

ACCESSIBLE AND WALKABLE NEIGHBORHOODS

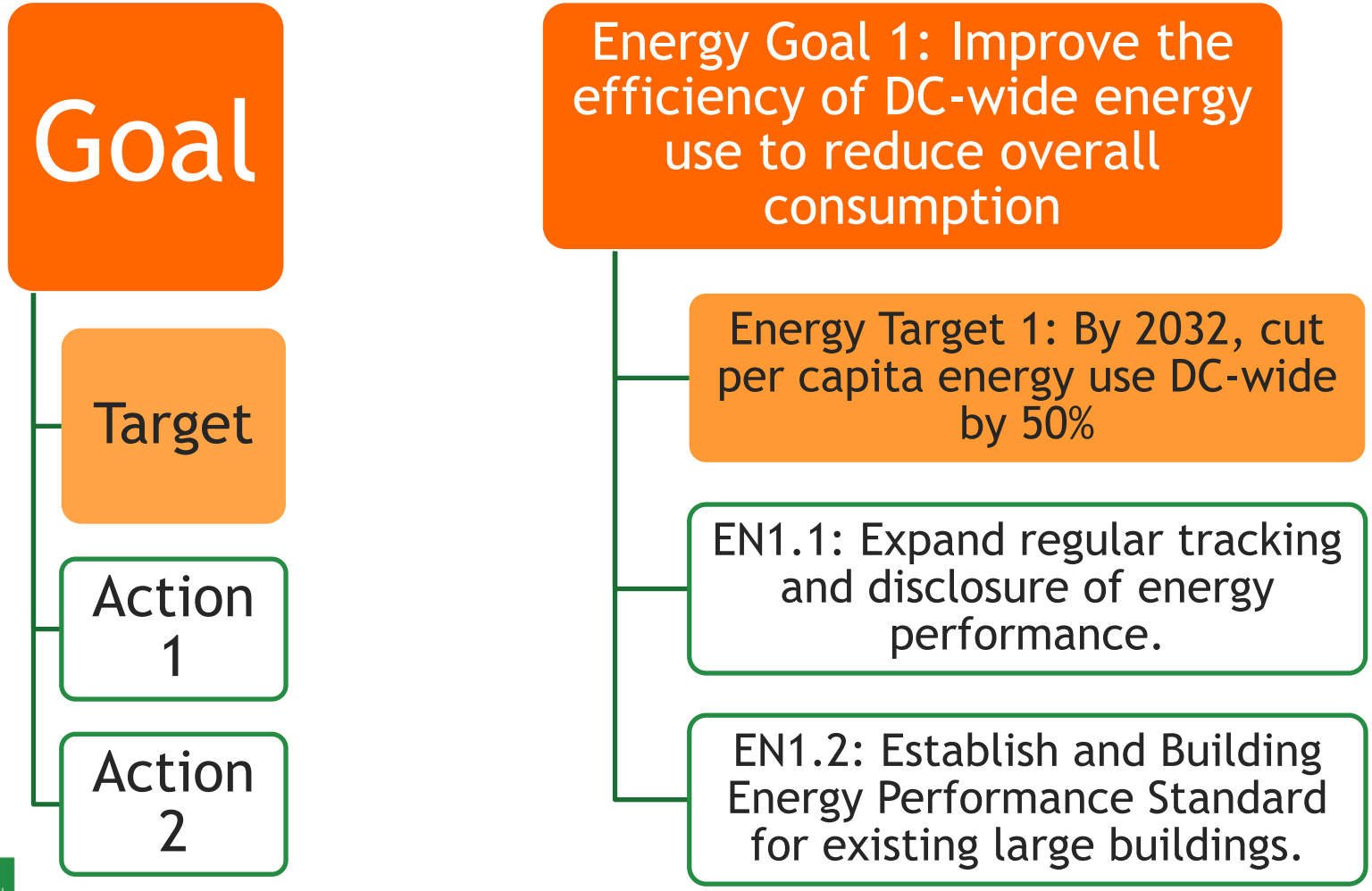
GREEN SPACE AND TREES


Built Environment
Climate
Economy
Education
Energy
Food
Health
Nature
Water
Transportation
Waste

PLAN STRUCTURE



PLAN STRUCTURE EXAMPLE



ENERGY AND CLIMATE GOALS

Goal 1: Improve the efficiency of DC-wide energy use to reduce overall consumption

Goal 2: Increase the proportion of energy sourced from both clean and renewable supplies.

Goal 3: Modernize energy infrastructure for improved efficiency and resilience.

Goal 1: Reduce greenhouse gas emissions from all local sources to put us on track to eliminate emissions by 2050.

Goal 2: Advance physical adaptation and human preparedness to increase the District's resilience to climate change.

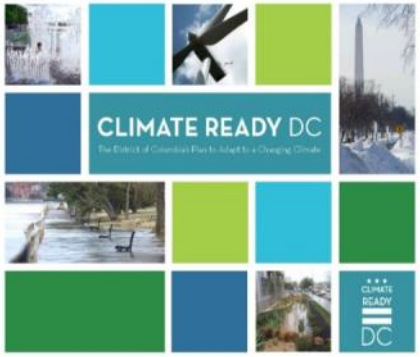
SDC TOPIC	Related Plan
Equity	A Fair Shot, Age-Friendly DC
Built Environment	Climate Ready DC, Resilient DC, Small Area Plans
Climate	Climate Ready DC, Clean Energy DC, Resilient DC
Economy	DC's Economic Strategy
Education	A Capital Commitment
Energy	Clean Energy DC
Food	Food Policy Council 2-year Plan
Health	Healthy People 2020, Age-Friendly DC
Nature	State Wildlife Action Plan
Transportation	Move DC, Vision Zero, Clean Energy DC
Waste	Zero Waste DC (*future*)
Water	Anacostia 2032

SUSTAINABLE DC & CLIMATE PLANS

SUSTAIN ABLE DC

ADAPT TO CLIMATE CHANGE

CLIMATE READY BUILDINGS



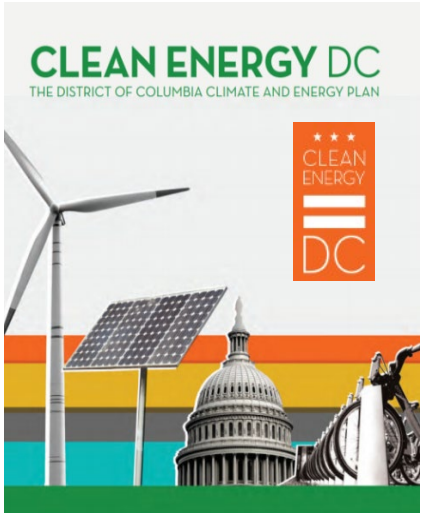
CUT ENERGY USE 50%

50% RENEWABLE ENERGY

NET ZERO NEW BUILDINGS

NET ZERO RETROFITS

CUT GHG EMISSIONS 50%



2050: Mayor Bowser Commitment to ZERO Carbon

CLIMATE IMPACTS

CLIMATE READY DC

PRECIPITATION

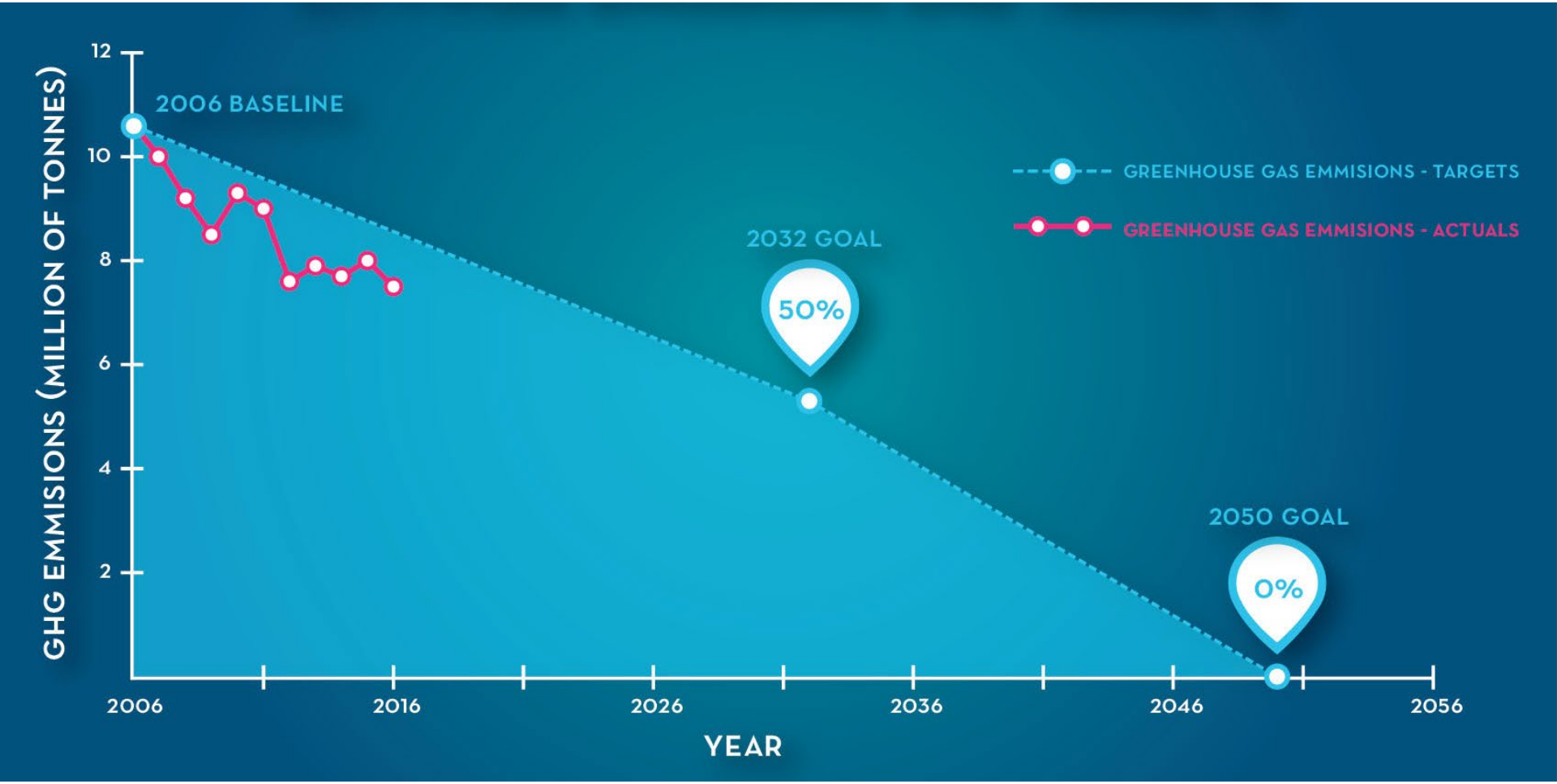
SEA LEVEL RISE

EXTREME HEAT

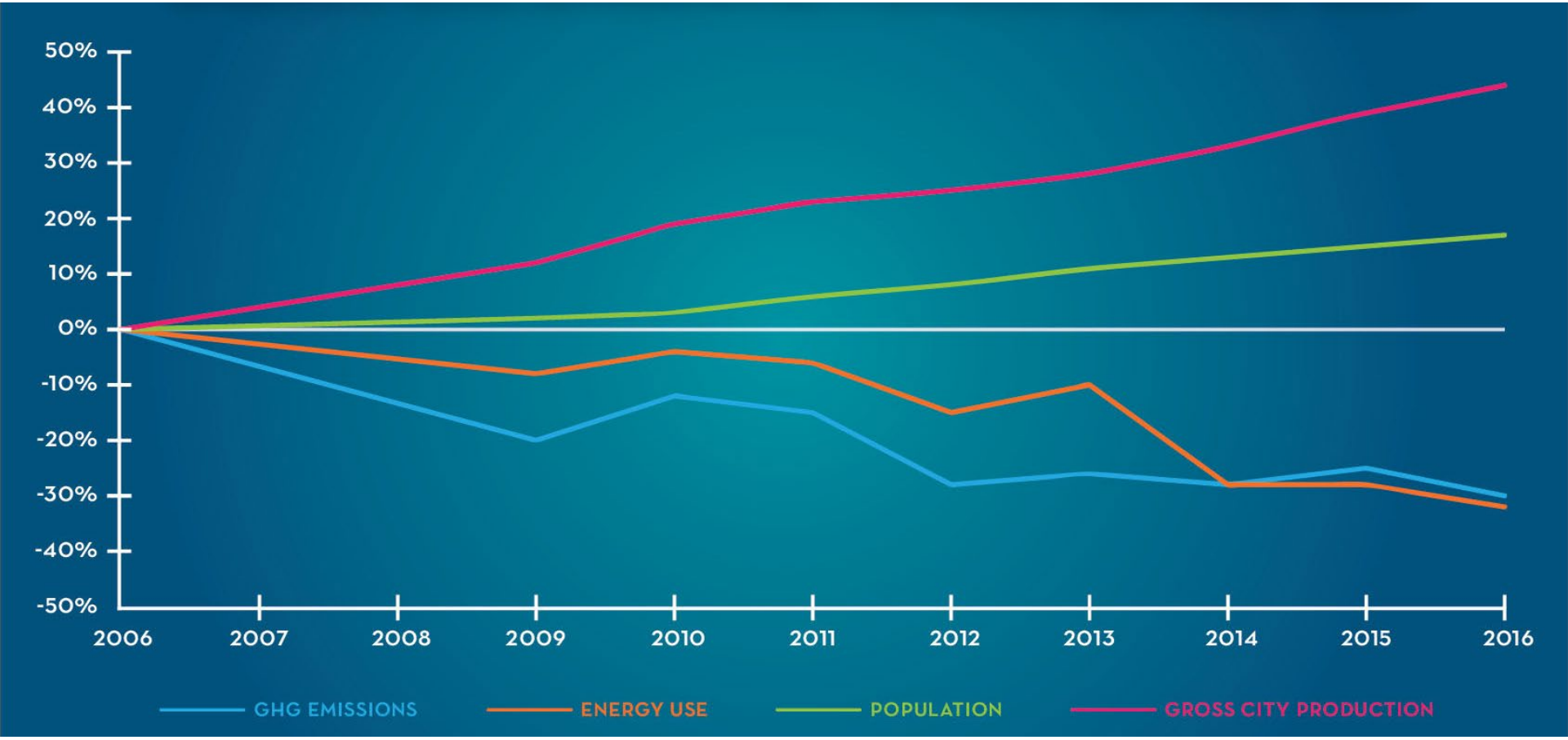
EXTREME WEATHER

STORM SURGE

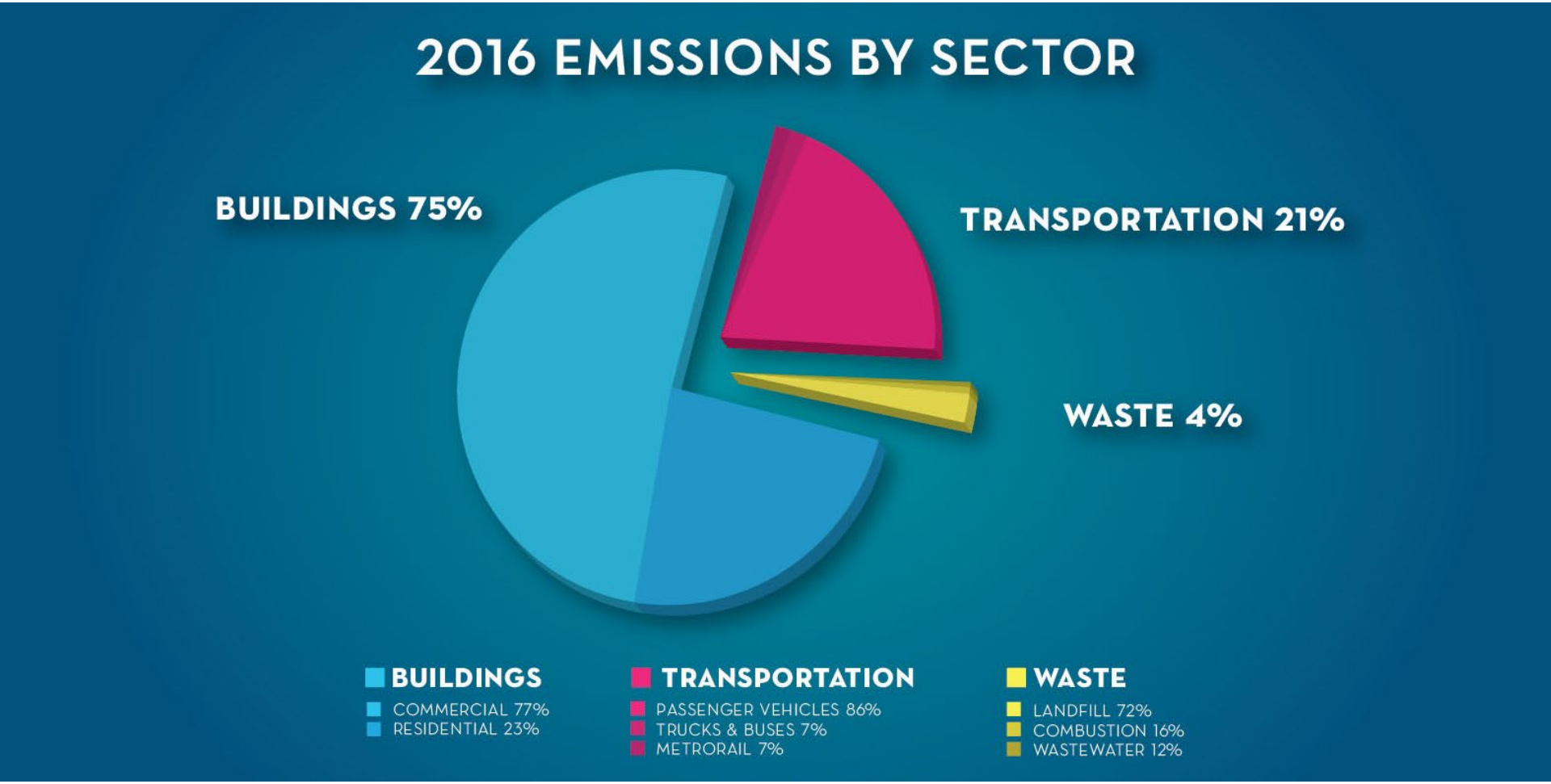
GHG EMISSIONS AND TARGETS



GHG AND CITY GROWTH



EMISSIONS BY SECTOR



PLAN IMPLEMENTATION

LEGISLATION

INCENTIVIZATION

EDUCATION

COMMUNICATION

COORDINATION

ENGAGEMENT(ION?)

Danielle Nkojo
Waste and Materials Management
Urban Sustainability Administration
Department of Energy and Environment
Danielle.nkojo@dc.gov

LINKS

- Sustainable DC 2.0: https://www.sustainabledc.org/sdc2/
- DC's climate adaptation plan, Climate Ready DC: http://www.sustainabledc.org/climatereadydc/
- DC's climate action plan, Clean Energy DC: https://doee.dc.gov/cleanenergydc
- DC's 100 Resilient Cities-funded broad resilient plan, Resilient DC: https://resilient.dc.gov/