

# FreightNYC

May 2018



# What is FreightNYC?

- Key pillar of *New York Works*, Mayor de Blasio's jobs plan
- Multimodal strategy to modernize NYC's freight distribution system
- Goals:
  - Create about 4,000 jobs
  - Reduce congestion
  - Improve air quality
- Strategies:
  - Maritime investments (Marine Highways/barging)
  - Rail investments
  - Urban distribution
  - Green trucks



## Current Situation

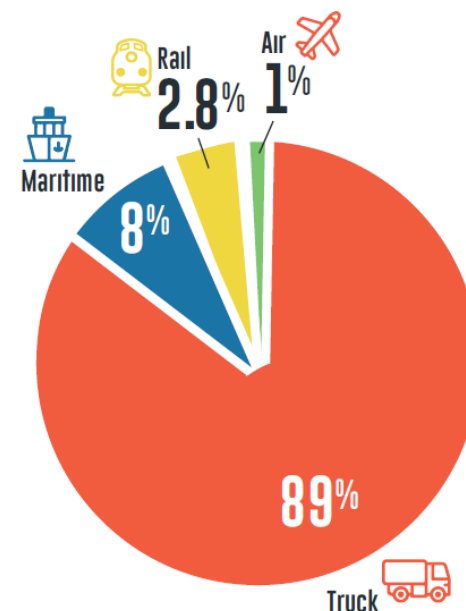
### ■ The Problem:

- NYC over-relies on trucks for freight transportation (e.g. consumer goods, construction materials)
- Increasing congestion on aging highways, bridges, tunnels
- Freight volume to increase 68% by 2045

### ■ The Potential:

- Support and grow freight-dependent jobs in NYC
  - o 300,000 existing jobs
- Promote environmental sustainability
  - o Rail and maritime freight transportation is 7-9 times more fuel efficient than trucks
- Provide opportunities for growth
  - o Rail and maritime freight infrastructure has significant untapped capacity

NYC Mode Share, by weight



George Washington Bridge

# FreightNYC Proposals

Change how  
freight enters NYC

Change where freight  
is stored/warehoused

Ensure that trucks that serve  
those facilities are green

## Maritime



## Urban Distribution



## Clean Trucks



## Rail





# Maritime Vision: Shift to hub and spoke system by investing in Marine Highway barge Infrastructure

## Strategies:

1. Develop City-owned barge terminals
  - Hunts Point for barging of food products, containerized cargo
  - SBMT reactivation for various goods including construction material, recycling, raw materials
2. Convene a regional barge council with port authorities, maritime businesses, shippers
3. Work with regional partners to advance regional system from NJ terminals and NYC to New England
4. Promote dredging and improve NYC's inland waterways (e.g. Newtown Creek)



## Estimated Benefits

| Jobs | Truck miles eliminated | GHG eliminated (metric tons) | PM 2.5 eliminated (pounds) |
|------|------------------------|------------------------------|----------------------------|
| 400  | 1 million              | 6,000                        | 6,000                      |

# Rail Vision: **Expand** rail freight terminals

## Strategies:

1. Create up to five new rail transload facilities in Brooklyn and Queens
2. Construct sidings to add capacity (similar to extra lanes on highway)
3. Support Metropolitan Rail Freight Council (MRFC)
4. Support Port Authority Cross Harbor Freight Program (CHFP)



Example of lumber transloading

**Transloading** is the process of transferring a shipment from one mode of transportation to another.

## Estimated Benefits

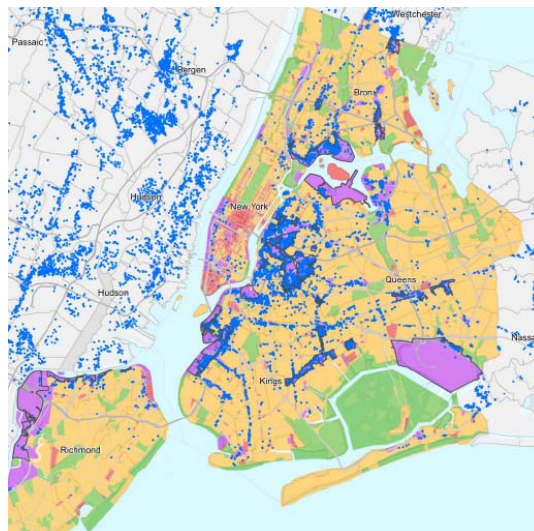
| Jobs | Truck miles eliminated | GHG eliminated (metric tons) | PM 2.5 eliminated (pounds) |
|------|------------------------|------------------------------|----------------------------|
| 500  | 500,000                | 500                          | 200                        |

# Urban Distribution Vision: Enhance Freight Hubs connected to multimodal freight network

## Strategies:

1. Identify geographically dispersed areas with existing industrial character
2. Support mix of distribution and production space
3. Build supporting infrastructure: truck plazas, alternative fueling stations, marine highway landings, rail facilities

Today



Urban Distribution clusters in blue

Future



## Estimated Benefits

| Jobs  | Truck miles eliminated | GHG eliminated (metric tons) | PM 2.5 eliminated (pounds) |
|-------|------------------------|------------------------------|----------------------------|
| 4,000 | 40 million             | 65,000                       | 24,000                     |

# Trucking Vision: Incentivize clean trucks in NYC

## Strategies:

1. Support development of clean fuel infrastructure in freight hubs (CNG, electric charging)
2. Pilot green procurement initiatives to incentive city contractors to use cleaner emitting vehicles
3. Pilot initiatives for tenants in City-owned properties to green their own supply chains
4. Align with NYC Dept of Transportation's Smart Truck Management Plan (STMP)



Mitsubishi eCanter (2017)



Ford/DHL Street Scooter (2017)



# FreightNYC Benefits Summary

- **4,000 jobs** created
- **41 million truck miles** eliminated through 2045
- **71,500 metric tons** of greenhouse gas emissions eliminated each year
- **30,000 pounds** of particulate matter eliminated each year

