



## Last Mile Logistics

Source: UPS



Hamburg

# Last Mile Logistics

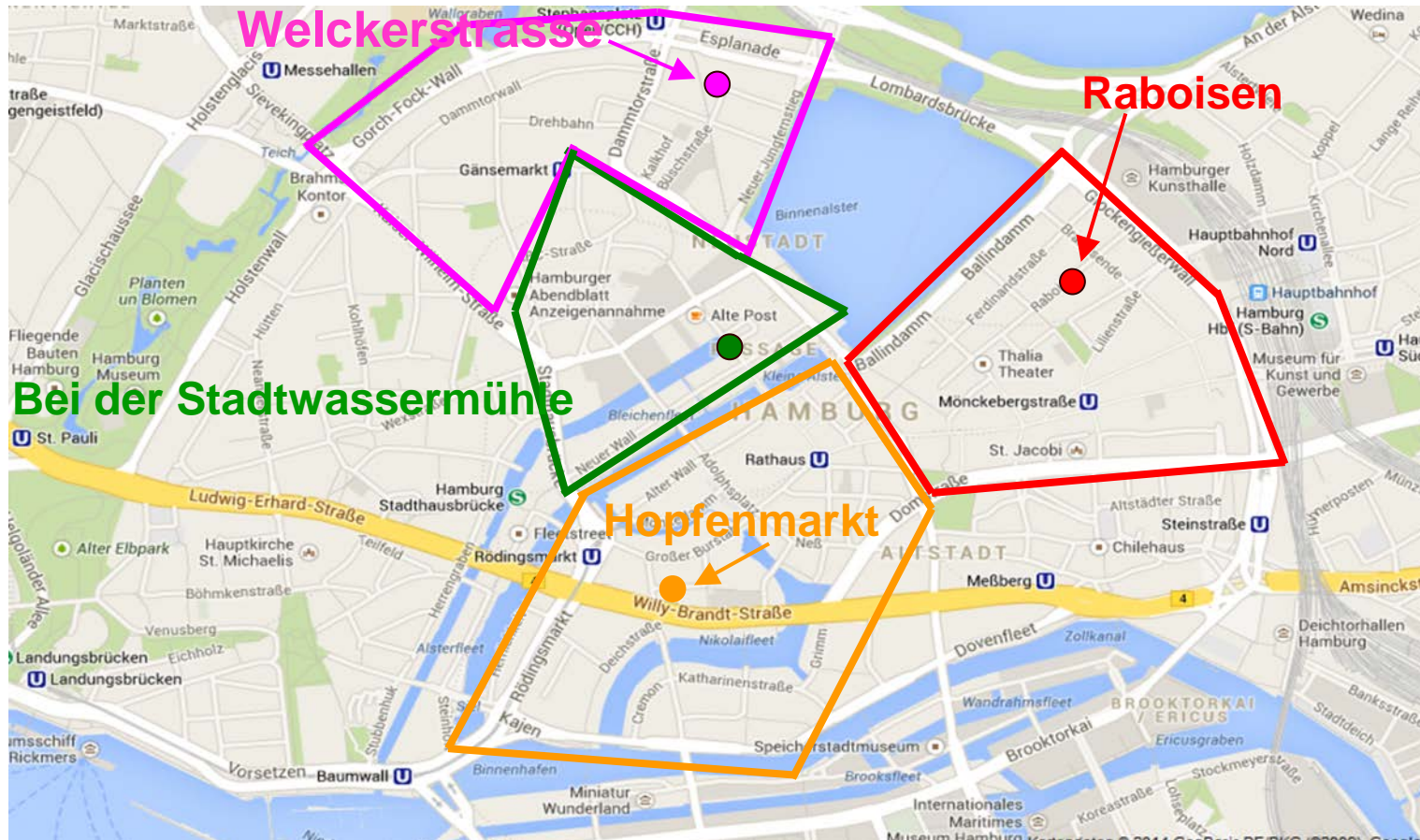
Sustainability Project UPS/Hamburg:

Sustainable delivery concept by replacing up to 9 package delivery cars with helpers and bicycles, fed out of a distribution container placed at a dedicated staging location.



source: UPS

Sustainability Project UPS/Hamburg:  
Completion June 2015

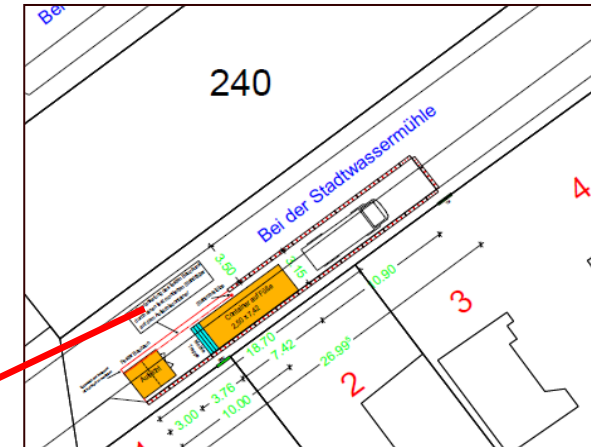
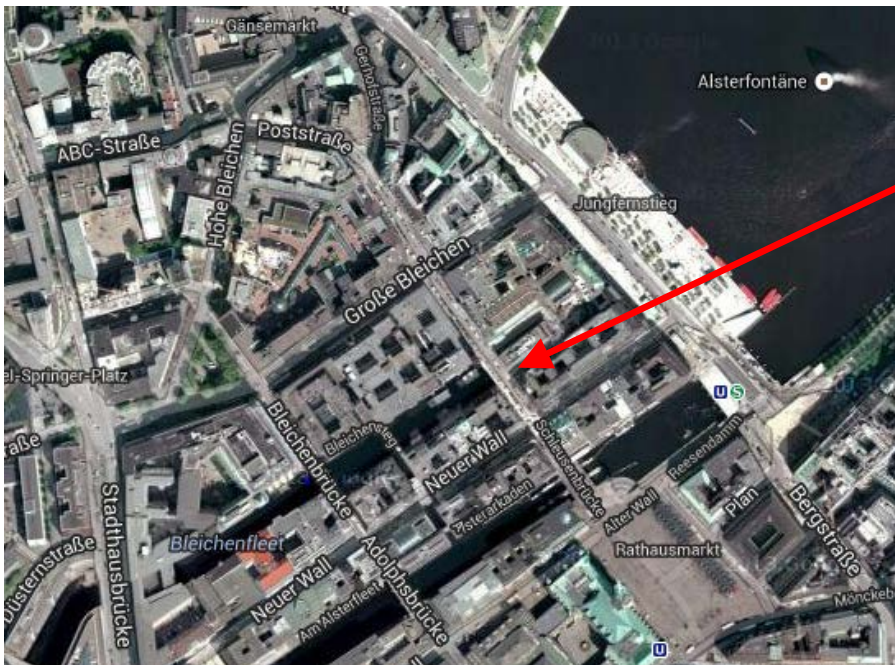


● ● ● new container staging areas (06/2015)

● container staging area

## Delivery Concept Hamburg Background information – container locations

Packages delivered and picked up: approx. 1,600 per day  
Stops delivered and picked up: 875 per day



Per container:  
3 helpers  
1 storage container  
1 Cargo Cruiser  
1 tricycle, 3 carry aid

# Last Mile Logistics

Delivery Concept Hamburg  
Equipment used

Container	4
P 100E truck	5
P 80E truck	8
E-Tricycle	5
Tricycle	4
Walkers with carry aid	12



Packages in the wider city center of Hamburg will be delivered emission free (except 8 feeder moves).

Source: UPS

## Changes and Improvements Benefits

### Sustainability

- Reduction of up to 9 package cars in the City Center
- Minimizing approx. 600 package car movements/day in the city area
  - economies of scope, no emissions of waiting vehicles behind delivery cars
- Resulted in reduced emissions in the town center
- Reduction of fuel consumption

### Operational

- Dedicated staging location for storage container
- Lower traffic obstruction
- Less time wasted looking for available parking bay
- 9 additional car positions in the city center

Source: UPS