



# Neighborhoods Shape Your Waterfront







#### Who we are



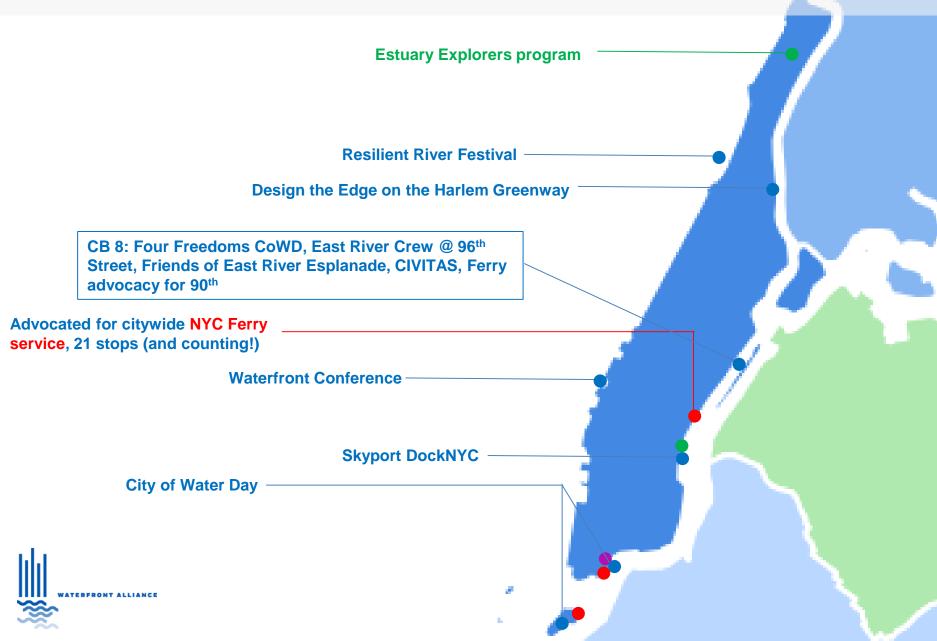
The Waterfront Alliance inspires and effects resilient, revitalized, and accessible coastlines for all communities.



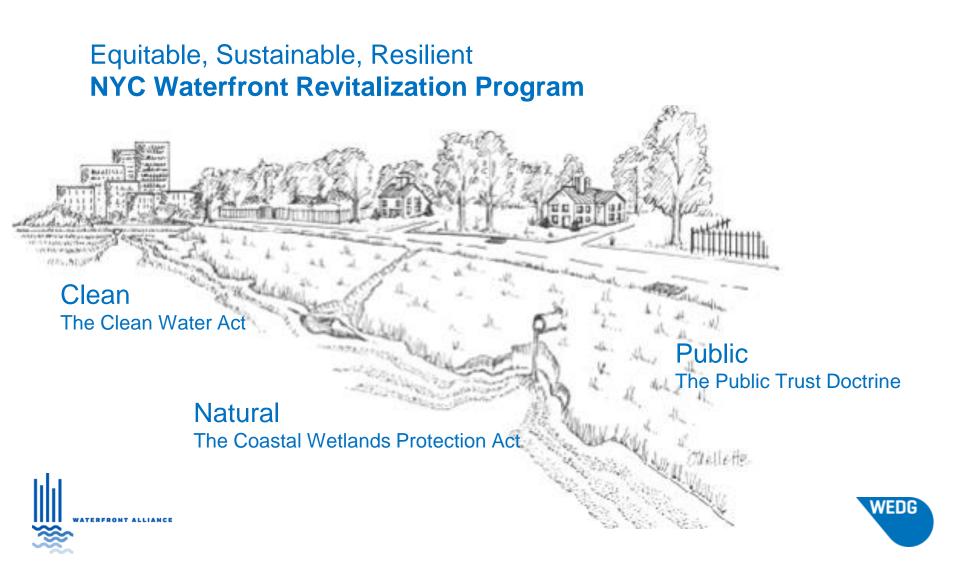




### **Our work in Manhattan**



### NYC rights to excellent waterfronts















# But there are many challenges... WEDG Image: Beth Carey

# The cost of coastal living is rising BUILD IT BACK WEDG Image: NYC Dept. Design and Construction 35838

## Coasts are home to 1+ billion, but we're often disconnected



### We're losing our wetlands





### **Harbor Scorecard**

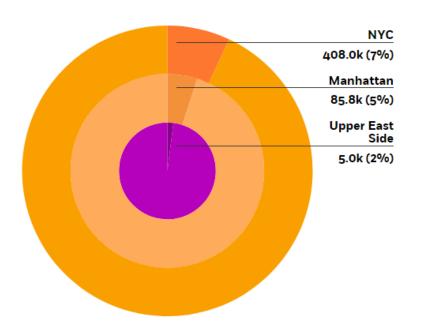
>	<b>**</b>				J. STRONG					₩ HEALTHY					<b>∳</b> OPEN			
ATERFRONT ALLIANCE				50% flood risk by 2060'		1111		% unsafe, swimming*		No.		Boating, recreation <sup>7</sup>		11 11				
	1	Community District Lower Manhattan	***	People 14.0	23%	4%	75	***	Agency 10%	Citizen 15%	3%	99	***	Public 3	Private 6	7	1	
MANHATTAN	2	Greenwich Village	***	4.9	5%	0%	24	***	_	10%	-	184	***	1	2	0	1	
	3	Lower East Side	****	22.9	14%	61%	24	***	-	9%	-	228	<b>ATATA</b>	0	1	0	0	
	4	Chelsea/Clinton	***	3.9	4%	0%	39	* 救救	-	31%	-	189	***	3	7	,	1	
	6	Murray Hill/Stuyvesant	* ##	9.6	7%	0%	15	* 救救	18%	22%	21%	171	**	0	0	,	1	
	7	Upper West Side	***	0.4	0%	0%	0	***	_	-	4	42	***	2	1	0	1	
	8	Upper East Side	***	5.0	2%	0%	4	***	-	-	-	335	* 1212	0	0	1	0	
	9	Manhattanville	***	0	0%	0%	2	* <b>拉拉</b>	11%	38%	6%	88	*##	0	1	1	1	
	10	Central Harlem	***	3.4	2%	61%	4	* ship	30%	-	0%	261	<b>###</b>	0	0	0	0	
	11	East Harlem	<b>WWW</b>	16.7	14%	79%	15	<b>WWW</b>	-	39%	-	398	***	0	0	2	2	
	12	Northern Manhattan	* ##	5.1	2%	100%	8	* 1212	_	29%	-	493	***	5	1	0	4	
		TOTAL		85.8	5%	41%	210		14%	28%	8%	2488		14	19	13	12	
BRONX	1	Mott Haven	***	0.4	0%	44%	40	*·☆☆	-	38%	-	493	<b>WWW</b>	0	0	0	0	
	2	Hunts Point	***	0.2	0%	0%	8	<b>★☆☆</b>	45%	35%	30%	329	***	4	1	0	4	
	4	Highbridge	***	0	0%	0%	0	*·☆☆	21%	-	18%	778	<b>ATATA</b>	0	0	0	0	
	5	University Heights	***	3.5	2%	0%	3	***	-	-	-	81	**	1	0	0	1	
	8	Riverdale	***	0.9	1%	15%	2	***	8%	-	4%	235	<b>www</b>	0	0	0	0	
	9	Soundview	***	1.7	1%	19%	2	救救救	36%	50%	35%	1259	***	3	1	0	3	
ш	10	Throgs Neck	***	7.0	6%	15%	8	<b>★☆☆</b>	12%	-	28%	674	***	1	9	0	2	
	11	Pelham Parkway	***	0.4	0%	0%	1	未的位	-	60%	-	0	*☆☆	2	0	0	2	
	12	Williamsbridge	***	0.0	0%	0%	5	<b>★☆☆</b>	73%	-	35%	159	**	1.	0	0	1	
		TOTAL		14.1	1%	12%	69		30%	45%	29%	4008		12	11	0	13	
	1	North Brooklyn	***	4-3	3%	6%	48	<b>\$</b> \$\$\$	61%	46%	50%	1567	***	3	1	3	2	
	2	Brooklyn Heights	***	0.6	0%	0%	11	* 蛇蛇	12%	25%	0%	144	***	2	3	2	3	
	5	East New York	***	3.5	2%	21%	2	*救企	25%	-	37%	89	THE	0	0	0	0	
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### **Harbor Scorecard: CB 8**

#### **STAY DRY**

How many people have 50% chance by 2060 of a major flood in their homes?











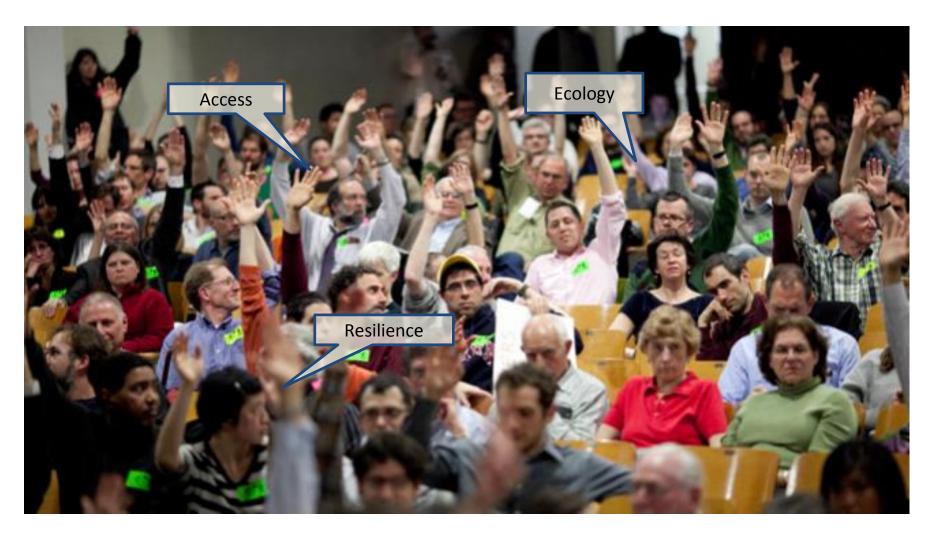
RESILIENCE, ECOLOGY, AND ACCESS AT THE WATER'S EDGE

### WEDG is a rating system and guidelines



ERFRONT ALLIANCE

### And a communications tool



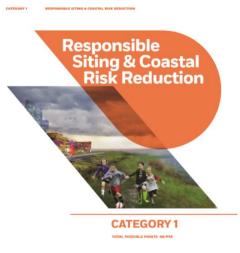




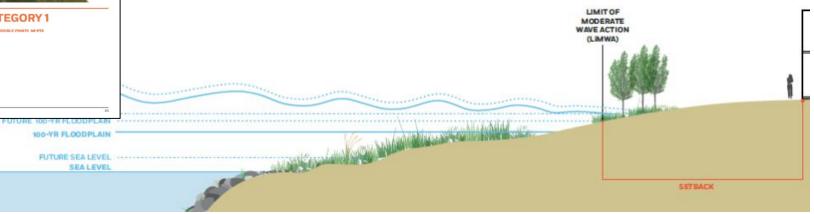


### Category 0: Understanding site context and community needs





### Category 1: Responsible siting to avoid flood risk



#### CALCULATING DESIGN FLOOD ELEVATION 17,18

#### BASE FLOOD ELEVATION + FREEBOARD + SEA LEVEL RISE = DESIGN FLOOD ADJUSTMENT ELEVATION

Use the FEMA 100-year floodplain base flood elevation. Or, if seeking a elevation above the 500-year floodplain, use the methods in *Appendix A* to identify the 500-year floodplain baseline elevation.

12" (30.5cm); 24" (61cm) for critical structures Determine the regionallyadjusted sea level rise expected for the design life of the project using methods in *Appendix A*. Use at least the moderate sea level rise scenario or higher.





### **Hunters Point South**





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Community Access & **Connections** 

### **Category 2: Using community** input to design public access









# Edge Resilience

### Category 3: Designing resilient shorelines

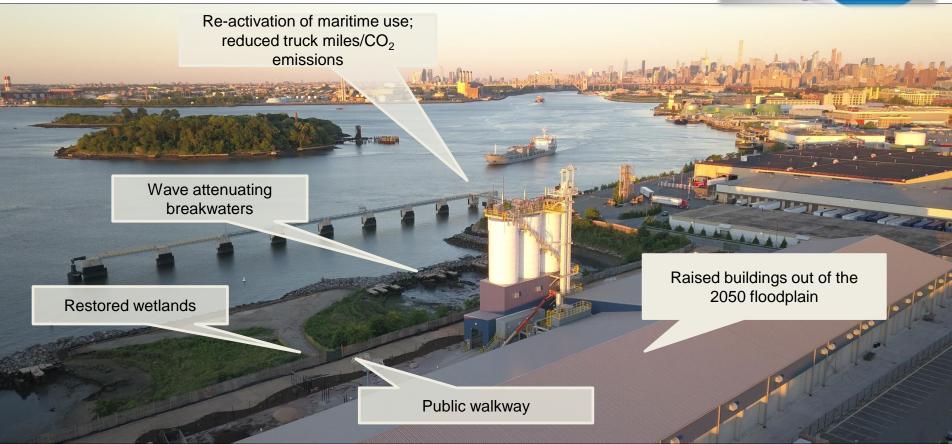
WEDG





### Oak Point/McInnis Cement





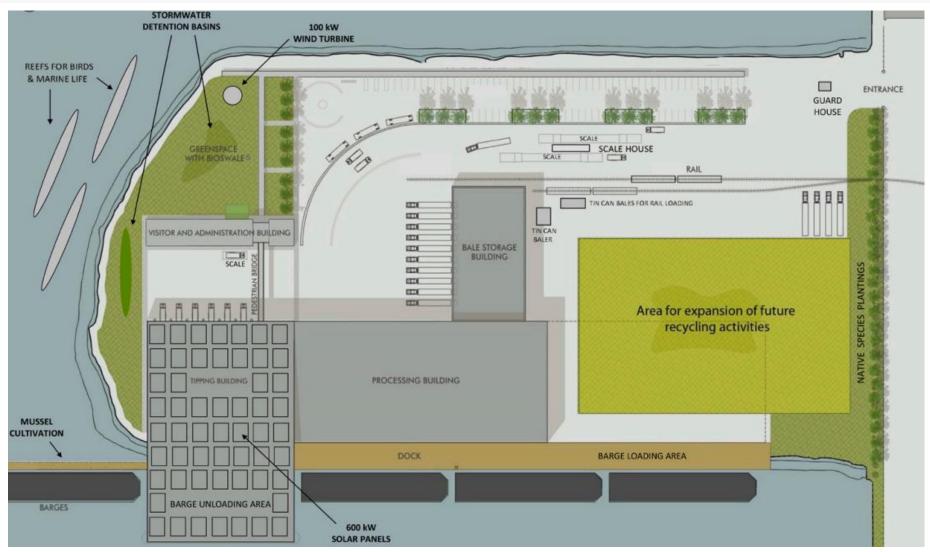


### Category 4: Protecting and restoring natural resources



## **Sunset Park Materials Recovery Facility (SIMS)**





### How CB 8 can use WEDG?



Sarah Dougherty sdougherty@waterfrontalliance.org wedg.waterfrontalliance.org



