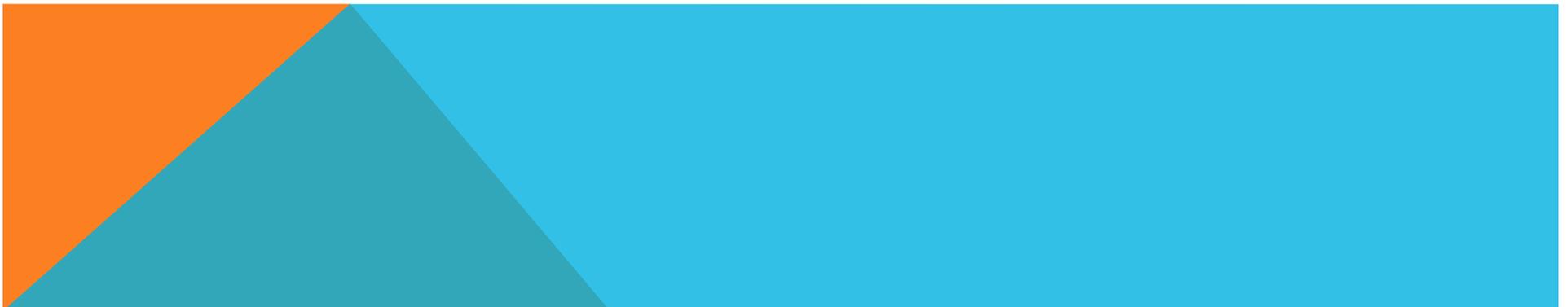
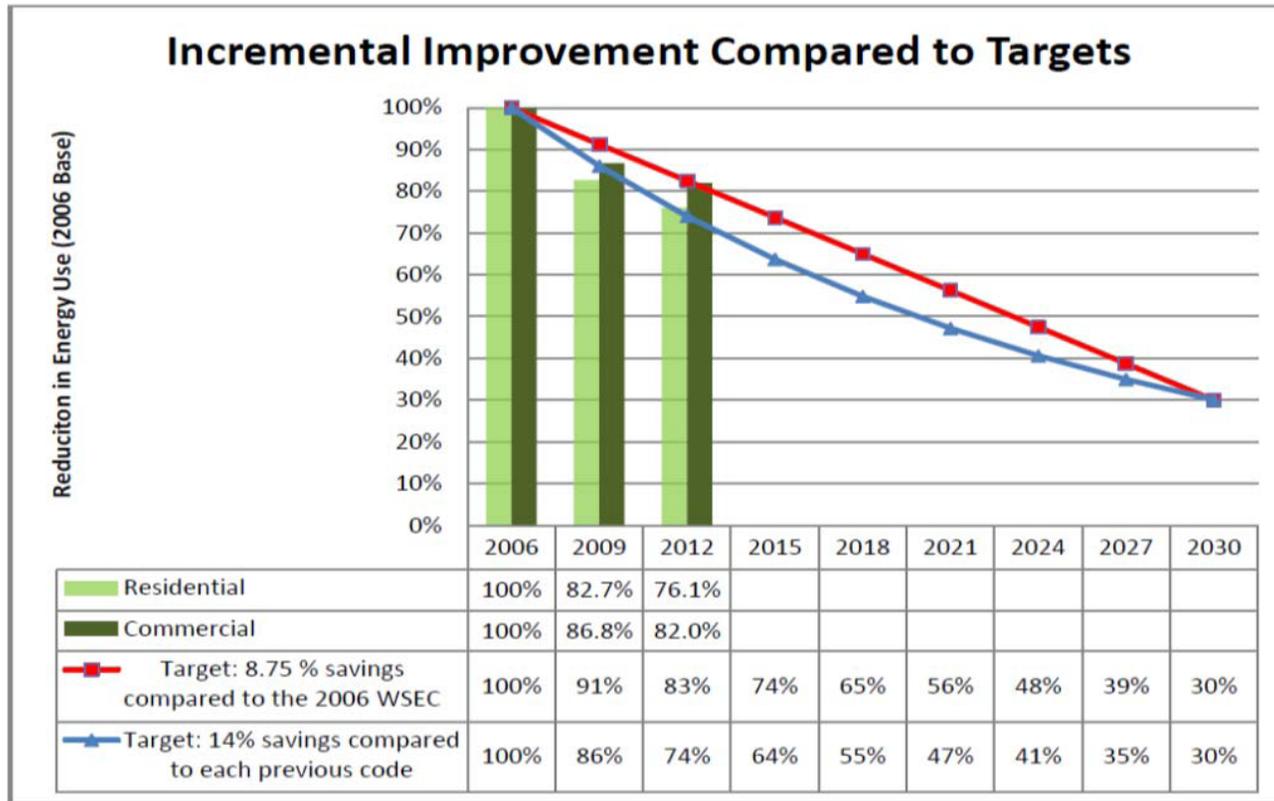


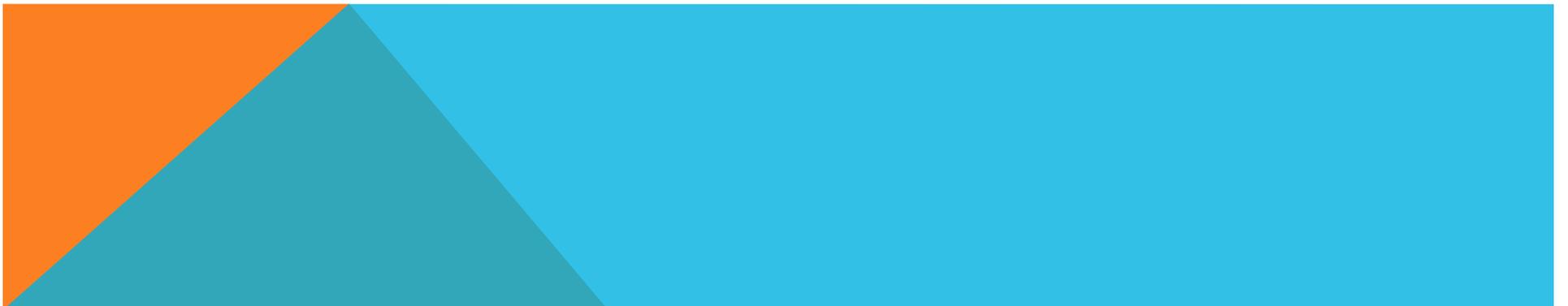
# 2015 WA RESIDENTIAL ENERGY CODE SAVINGS AND TRAJECTORY

PRESENTED BY POPPY STORM, ECOTOPE INC.

# STATE MANDATE DRIVES CODE IMPROVEMENTS



# 2015 RESIDENTIAL WSEC IMPROVEMENTS

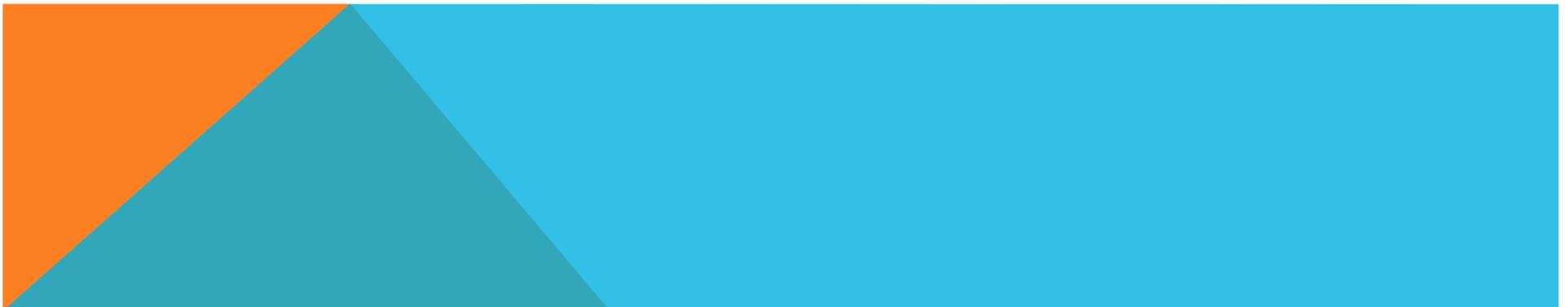


# 2015 WSEC SAVINGS & COST ESTIMATES

10.9% SF savings per unit

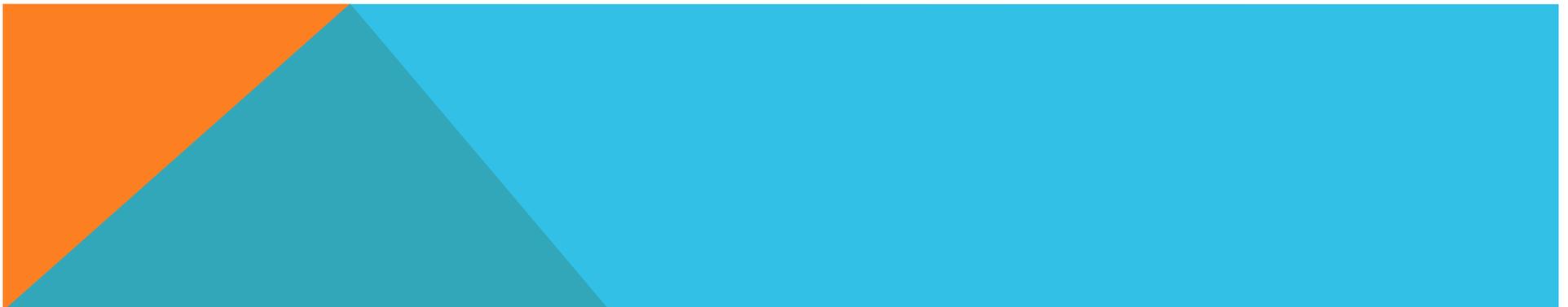
9% Multifamily savings per unit

Code	SF		MF	
	kBtu	\$	kBtu	\$
2012	72,481	\$ 391	22,780	\$ 47
2015	64,593	\$ 1,721	20,734	\$ 315
Savings/Increase	7,888	\$ 1,330	2,046	\$ 268



## 2012 AND 2015 WSEC AVERAGE EUIS

	SF	MF
Code	kBtu/sf	kBtu/sf
2012	33.4	23.8
2015	30.2	22.6



# THE FAR THAT IS NEAR, 2031

- ❖ Near net-zero by 2031
- ❖ Business strategy should focus on innovation and how to deliver 2031 buildings across the board
- ❖ Focus on design strategies for meeting 7 to 8 WSEC res credits...
- ❖ Dramatic reductions in solar costs
- ❖ Start thinking about decoupling savings from costs



