



# Climate Change and Asset Management

Integrating Climate Change  
Adaptation and Asset Management  
Practices

**PSD**

  
**CITYWIDE**



A photograph of a residential street completely flooded with water. The water is dark and reflects the overcast sky. In the background, there are houses, bare trees, and utility poles. A yellow pedestrian crossing sign is visible on the right side of the road. A semi-transparent dark rectangle is overlaid in the center of the image, containing white text.

Sustainable service delivery is the key objective of asset management, and climate change poses a threat to the sustainable delivery of services.

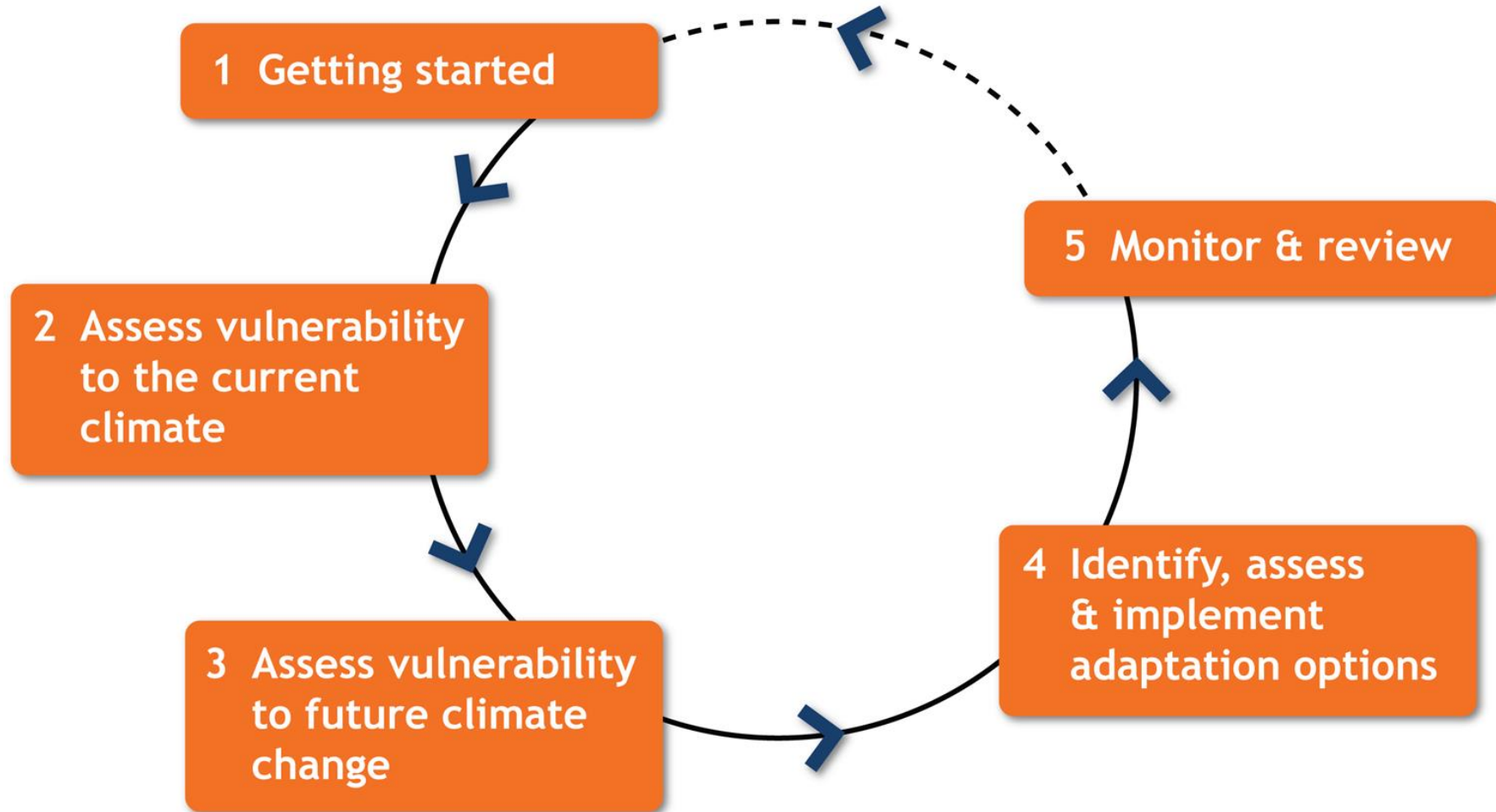




# UK Climate Impacts Programme



# Climate Adaptation Wizard







# A Roundtable for Local Leaders on Climate Change Adaptation

“Sometimes you don’t have the money and the resources to develop a solution, so the best option is to build an informal network, just as we have created here today.”

– **Dr. Peter Walton, Knowledge Exchange Research Fellow, University of Oxford**

# Climate Adaptation and Asset Management Program (CAAMP)

Delivered by PSD in partnership  
with Oxford University



**PSD**





# St. Clair Township

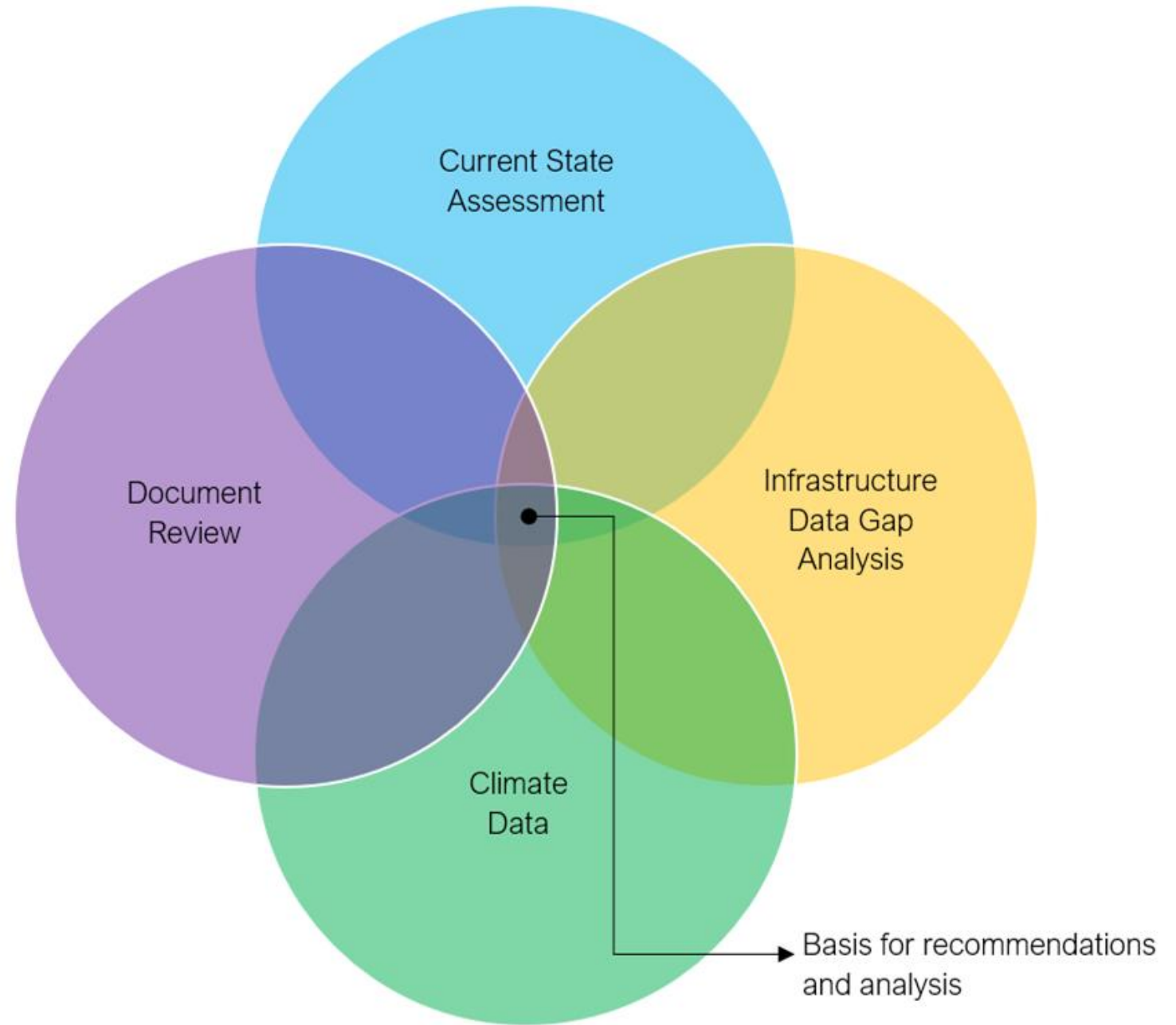
- State of Maturity Workshop
- Data Gap Analysis
- Climate Change Adaptation Plan
  - Climate Profile
  - Climate Impacts
  - Recommendations

# Risk Management

Consequence	5	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0
	4	3 Assets 8,646 m \$3,878,159	1 Asset 2,715 m \$1,267,400	2 Assets 5,538 m \$2,584,870	1 Asset 3,055 m \$1,425,958	2 Assets 5,425 m \$2,531,962
	3	32 Assets 25,159 m \$12,908,909	20 Assets 17,363 m \$7,919,412	28 Assets 30,961 m \$11,894,370	50 Assets 32,307 m \$13,077,880	179 Assets 276,739 m \$94,209,125
	2	67 Assets 8,362 m \$5,803,942	141 Assets 16,751 m \$13,395,342	78 Assets 10,103 m \$8,596,003	62 Assets 8,567 m \$5,016,897	82 Assets 83,922 m \$26,242,692
	1	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0	0 Assets - \$0
		1	2	3	4	5
		Probability				



# Climate Change Adaptation Plan



# Using Better Data to Identify Climate Change-Related Infrastructure Vulnerabilities

## A Case Study Series

PSD 2020

