

## Agenda item 10.3

Rainwater Management Financial Plan, Stormwater  
Fee Development and Consideration of Green  
Stormwater Infrastructure

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Monday, 18 September 2023 @ 6:30 PM  
Council Chamber

# Acknowledgements

- Good effort re: the flowchart for Stormwater Management Planning, Financial Evaluation, and Project Implementation Process (chart 1)
- Appreciate acknowledging **the complimentary role** of grey infrastructure rather than a central role
- Good start in identifying regulatory agencies and acknowledging that this list is not exhaustive
- Completing Green Infrastructure Assessment in lieu of EA is a good start



# Highlights of Concerns

1

Inconsistent  
Messaging

2

Scientific  
Understanding

3

Actionable  
Collaboration\*



*\*remembering NbS is a policy-initiated concept that highlights interdisciplinary and transdisciplinary collaborations based on pluralism rather than unification (Hanson et al., 2019)*

# Inconsistent Messaging

Please be mindful of inaccuracies that are misguiding public perspective of the topic!

Example:

Table 1.2 - Green Infrastructure and Low Impact Development

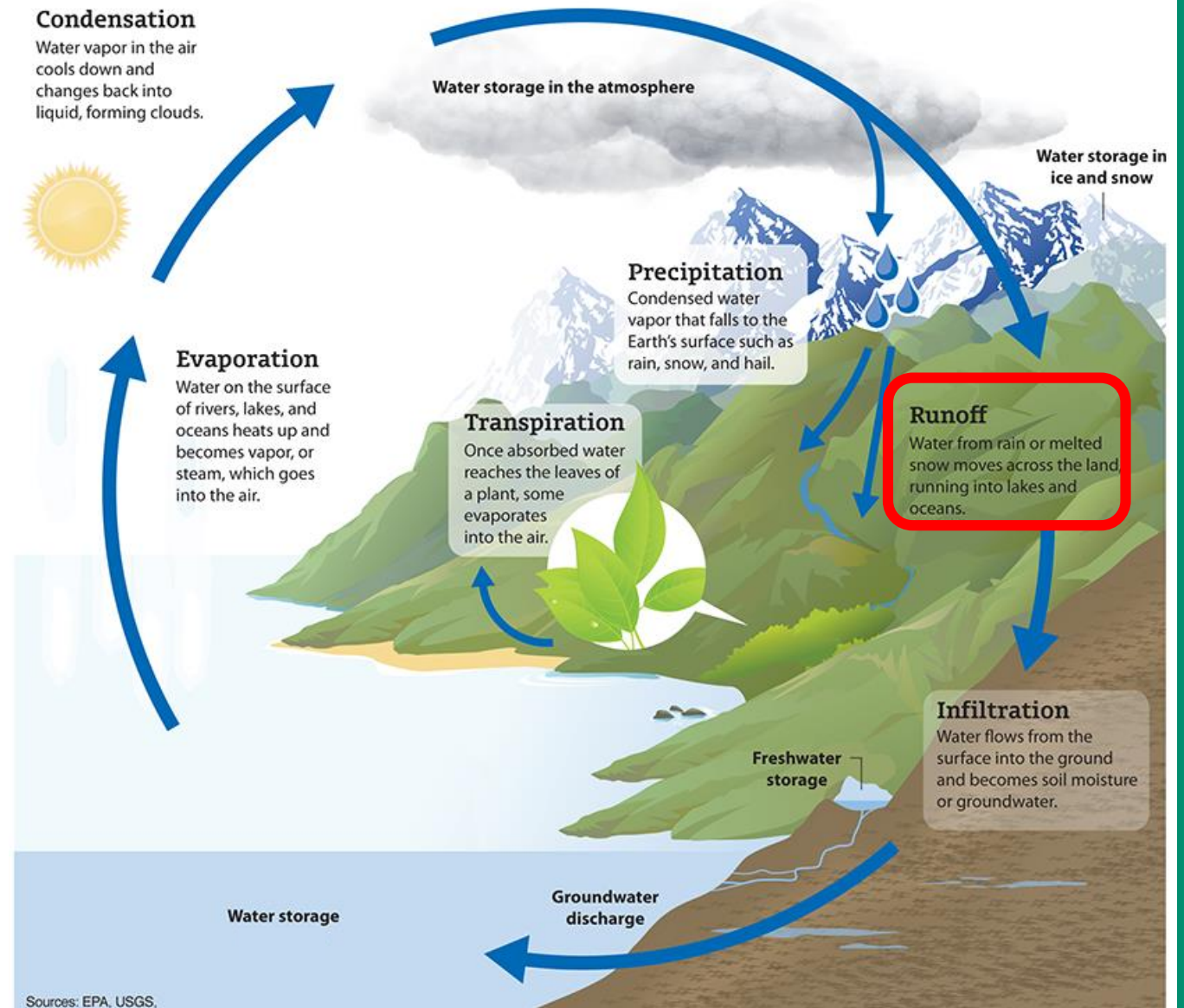
Green Infrastructure	
Natural	Human-made or Engineered
(Rainwater Management)	(Rainwater and Stormwater Management)
<ul style="list-style-type: none"><li>• Natural heritage features and systems</li><li>• Parklands</li><li>• Street trees and urban forests</li><li>• Natural channels and floodplains</li></ul>	<ul style="list-style-type: none"><li>• Naturalized end-of-pipe stormwater management systems</li><li>• LID facilities</li><li>• Street trees and urban forests</li></ul>

X!

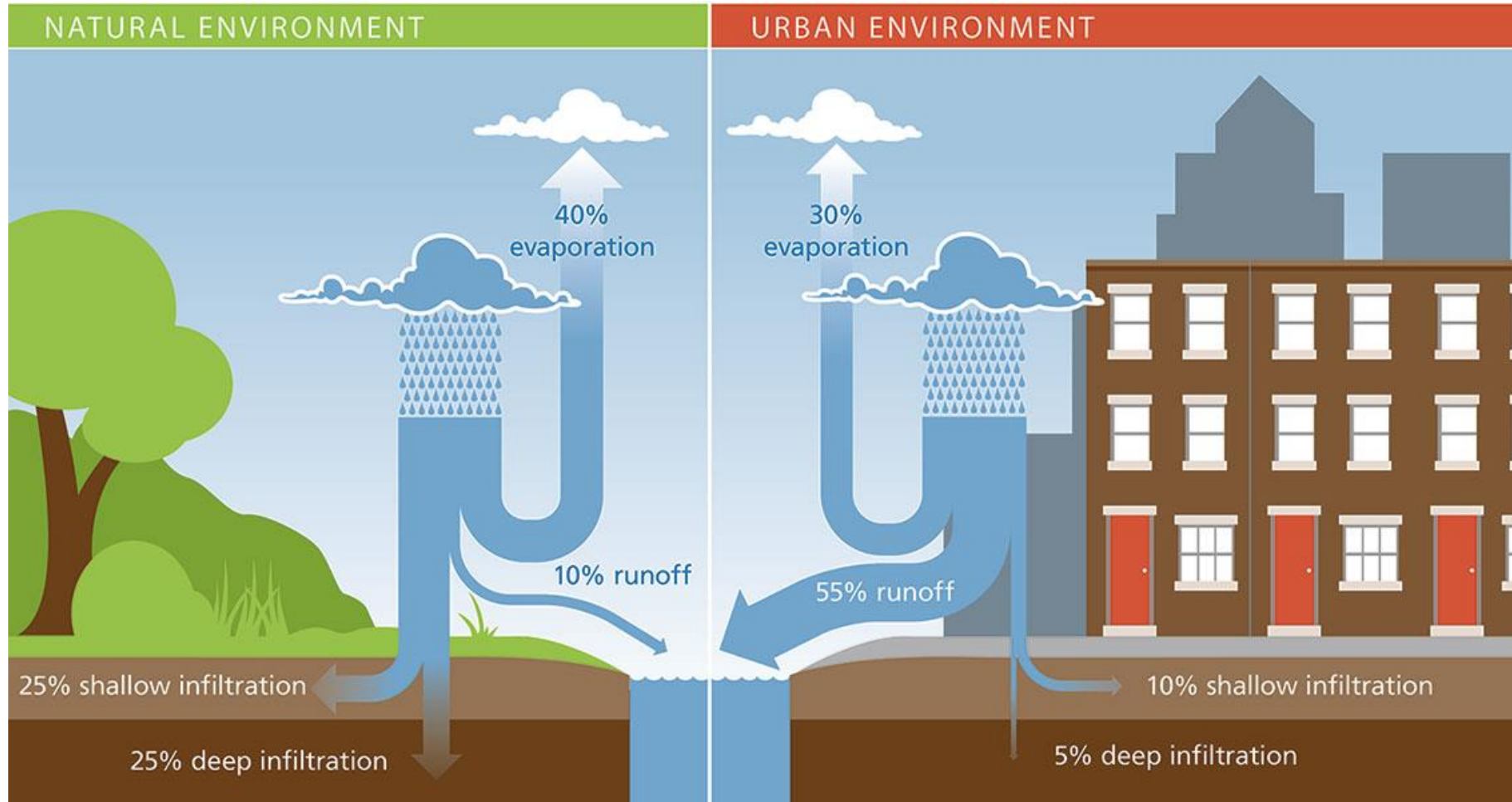
This continues throughout the report and the appendix which is very disappointing to see!



We are asking for  
**a Shift in Perspective!**  
&  
Scientific Accuracy  
(i.e., evidence-based claims!)



# More urbanization only means MORE RUNOFF

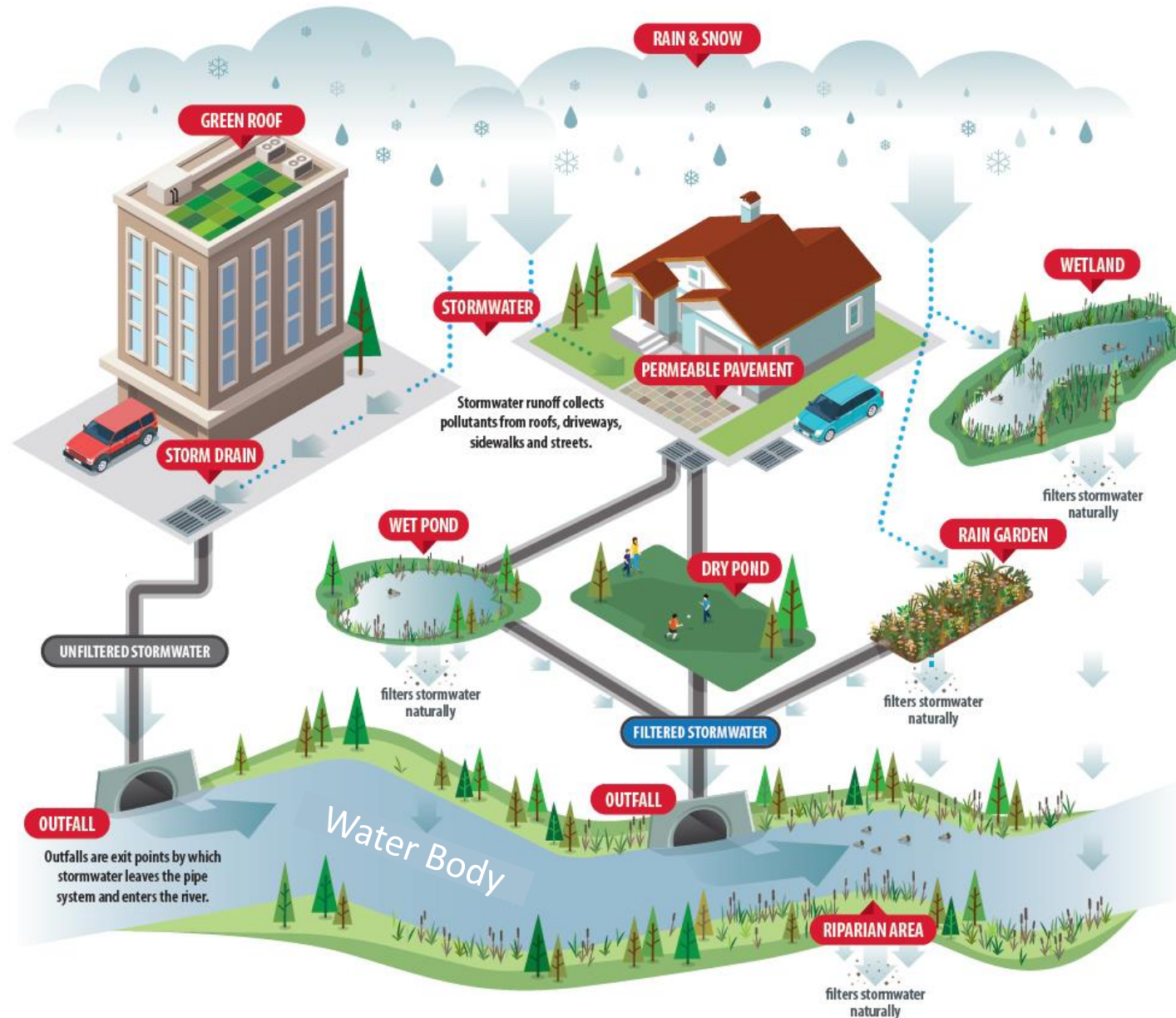


Source: Lake Simcoe Region Conservation Authority (courtesy of the city of Philadelphia)





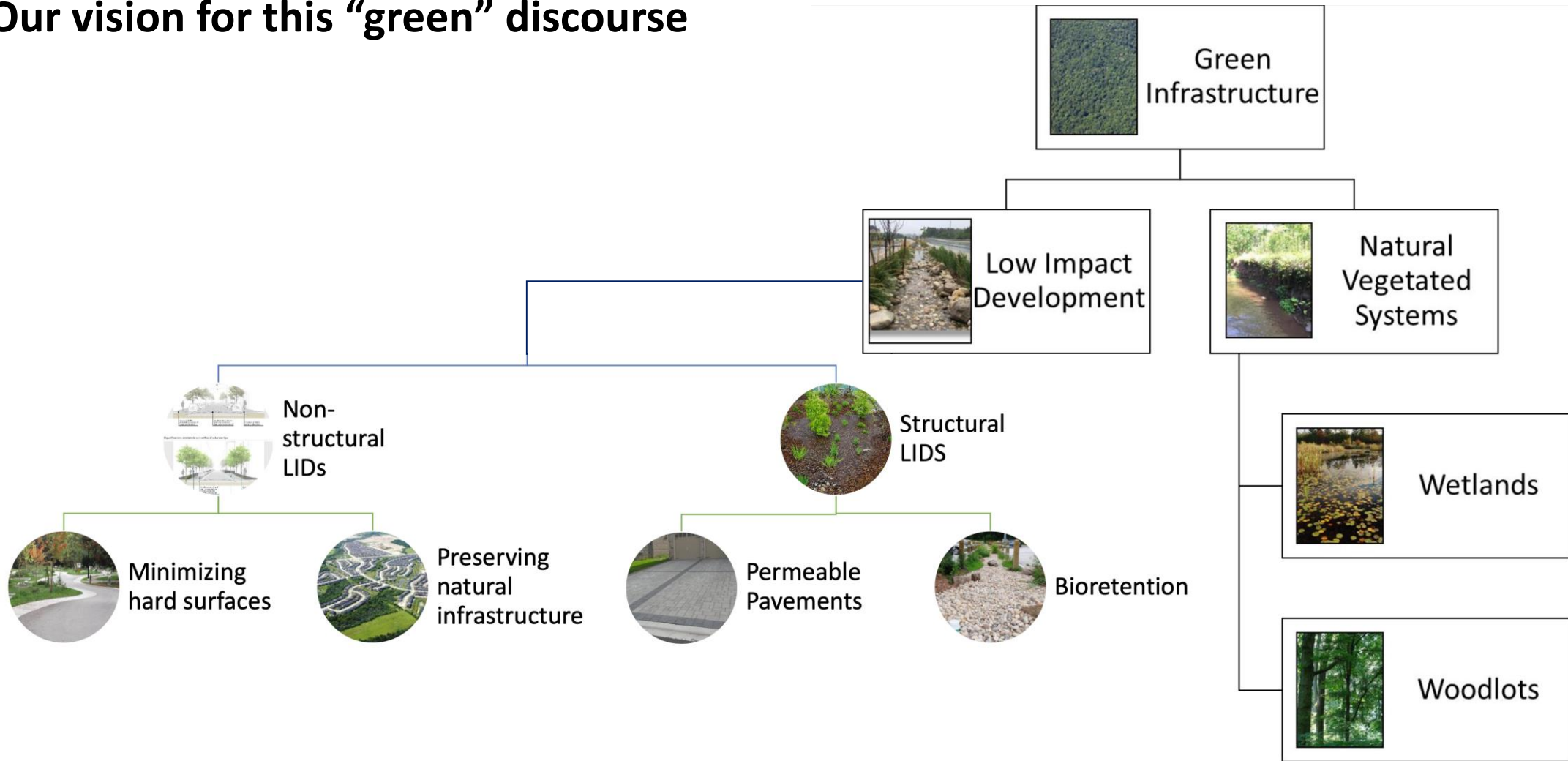
## Our Vision (Ideally)



Source: City of Calgary



## Our vision for this “green” discourse



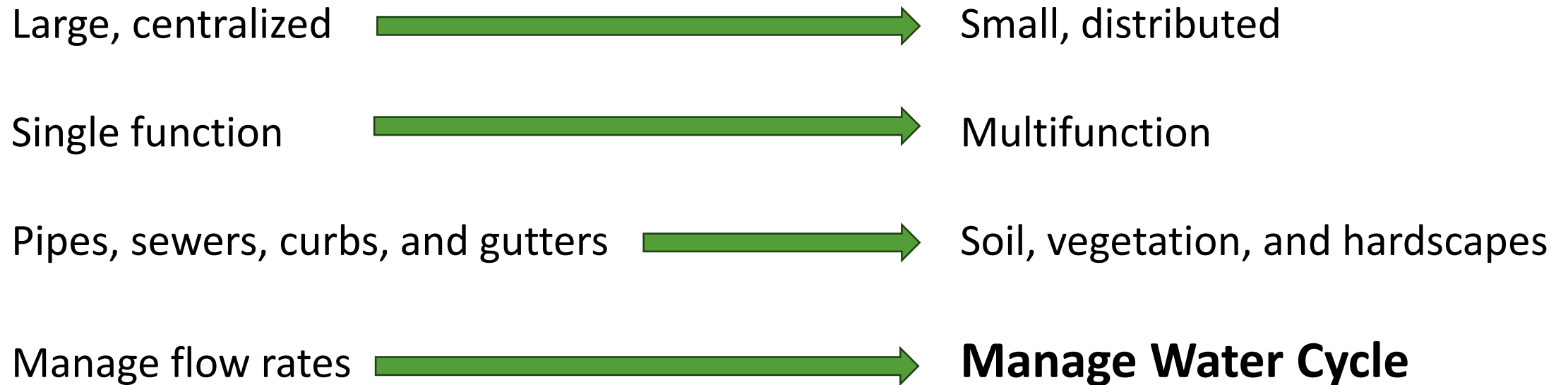
Source: Sustainable Technologies Evaluation Program (STEP)





# Our Vision needs *Rethinking Stormwater Infrastructure*

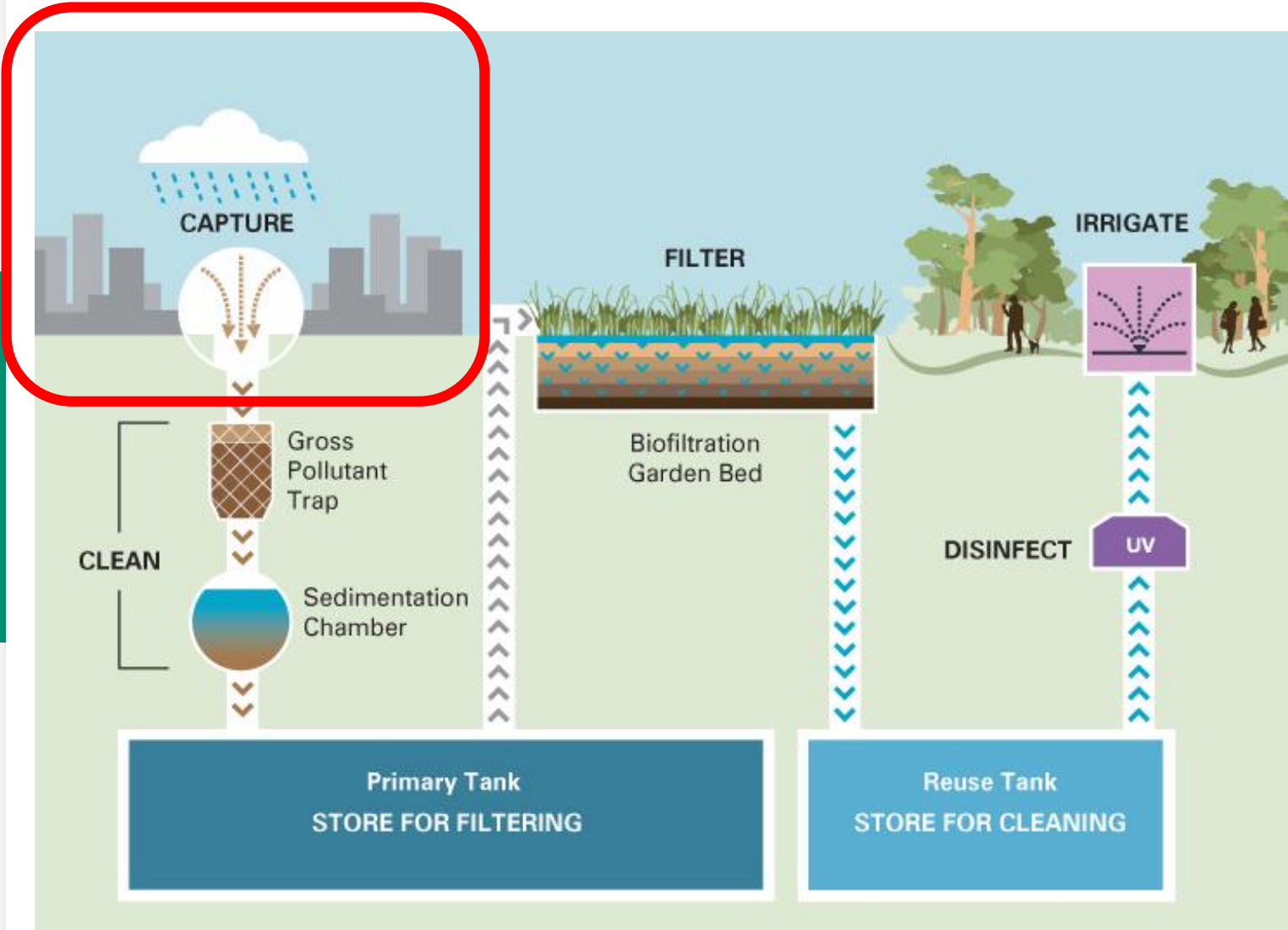
not a patch-work solution



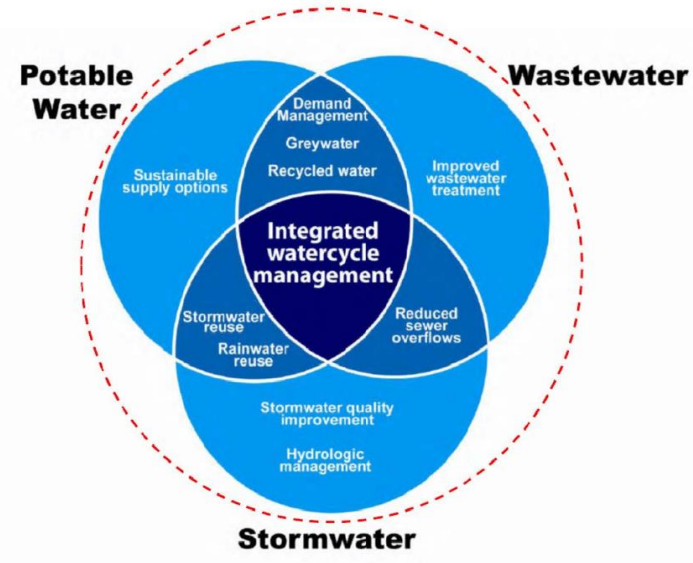
Source: Sustainable Technologies Evaluation Program (STEP)



This is an example to highlight the bigger picture.



... and we understand we are not yet ready for this but must work towards it!



Sources: City of Melbourne, Yale School of Environment



with Green Infrastructure we are relying on

## **NETWORK OF SOLUTIONS**

not standalone examples from scattered corners

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Are we confident that this is going to happen in Oakville based on the RWM strategy?

Given the level of familiarity represented in this report, it seems unlikely!



# Actionable Collaboration

- Considerations (C): Impact on other departments and users:
  - How about Climate Change groups/representation?
  - Any staff training in the works?
- Creating **LOCAL PARTNERSHIPS** is KEY
  - Yet, missing from the strategy
- Re: Sourcing consultant team & in lieu assessments
  - Standard must be addressing residents' concerns not validating presumptions





# Questions?

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