

Urban surface water

Future demand in Toronto and Amsterdam

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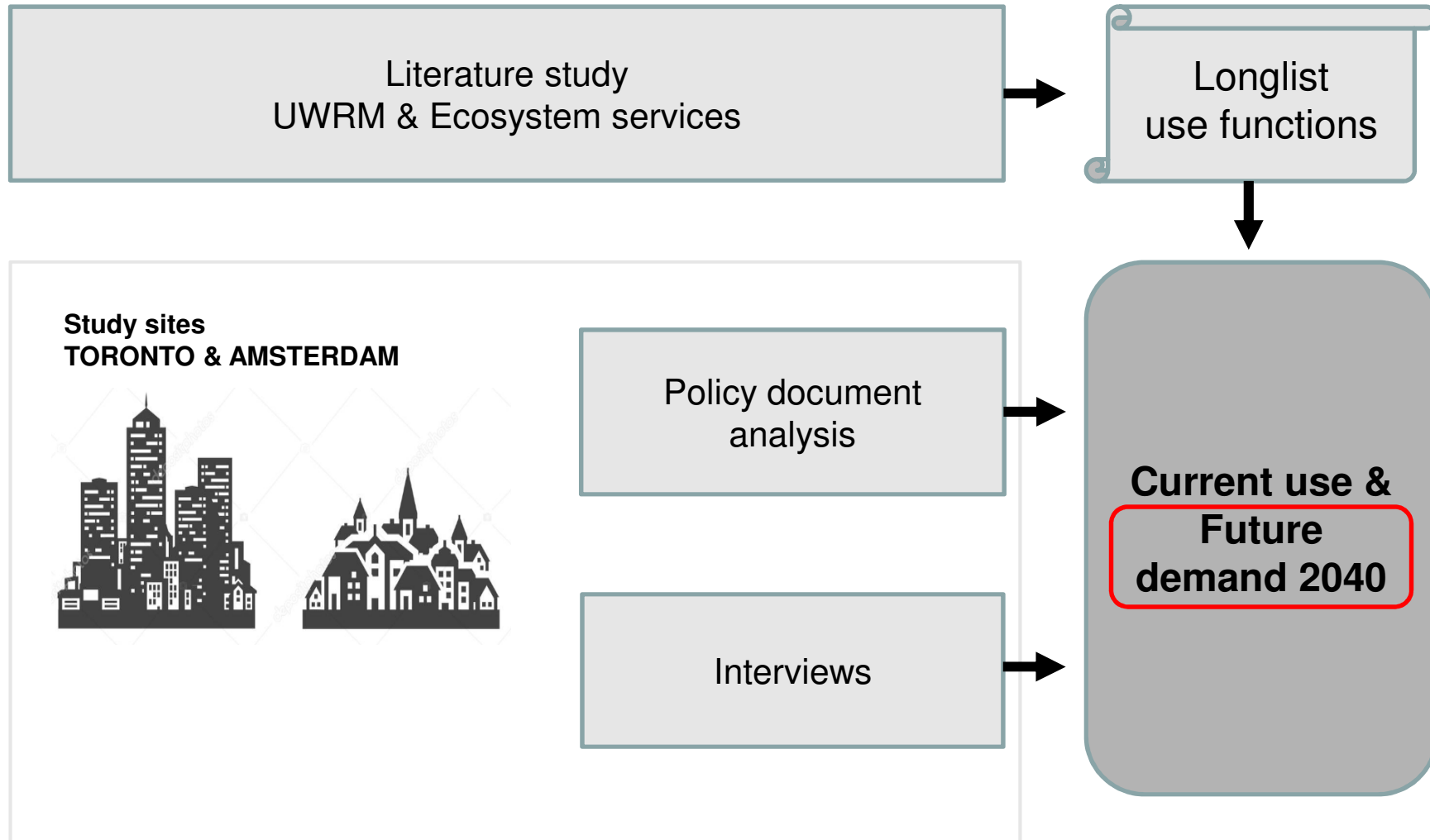
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Picture: Liesbeth Hersbach

Method





Future trends demand urban surface water Amsterdam and Toronto

(data will be published soon)

Main drivers

Urban growth and redevelopment



Climate change (A)



Social trends



Water quality improvements



Sustainability ambitions

Conclusion



- Broad array of use functions in both cities.
- Many use functions involve in situ use.
- Towards 2040 demand for most use functions expected to increase.
- Pressure on urban water increases.
- Increasing demand mainly for nutrition, aqua thermal energy, recreation and transportation.
- Shifts in demand may change water system quality requirements.
- Increasing demand driven by developments that are widely applicable to cities in the western world.

Thank you for your attention



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