

How does a typical city in the Baltic Sea look like when it comes to its microplastic load?

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Challenges

- Size (5mm-?)
- Method of analysis
- Results – mass or particle number
- Definition
 - Synthetic polymers
 - Solid
 - Insoluble in water
 - Slow degradation

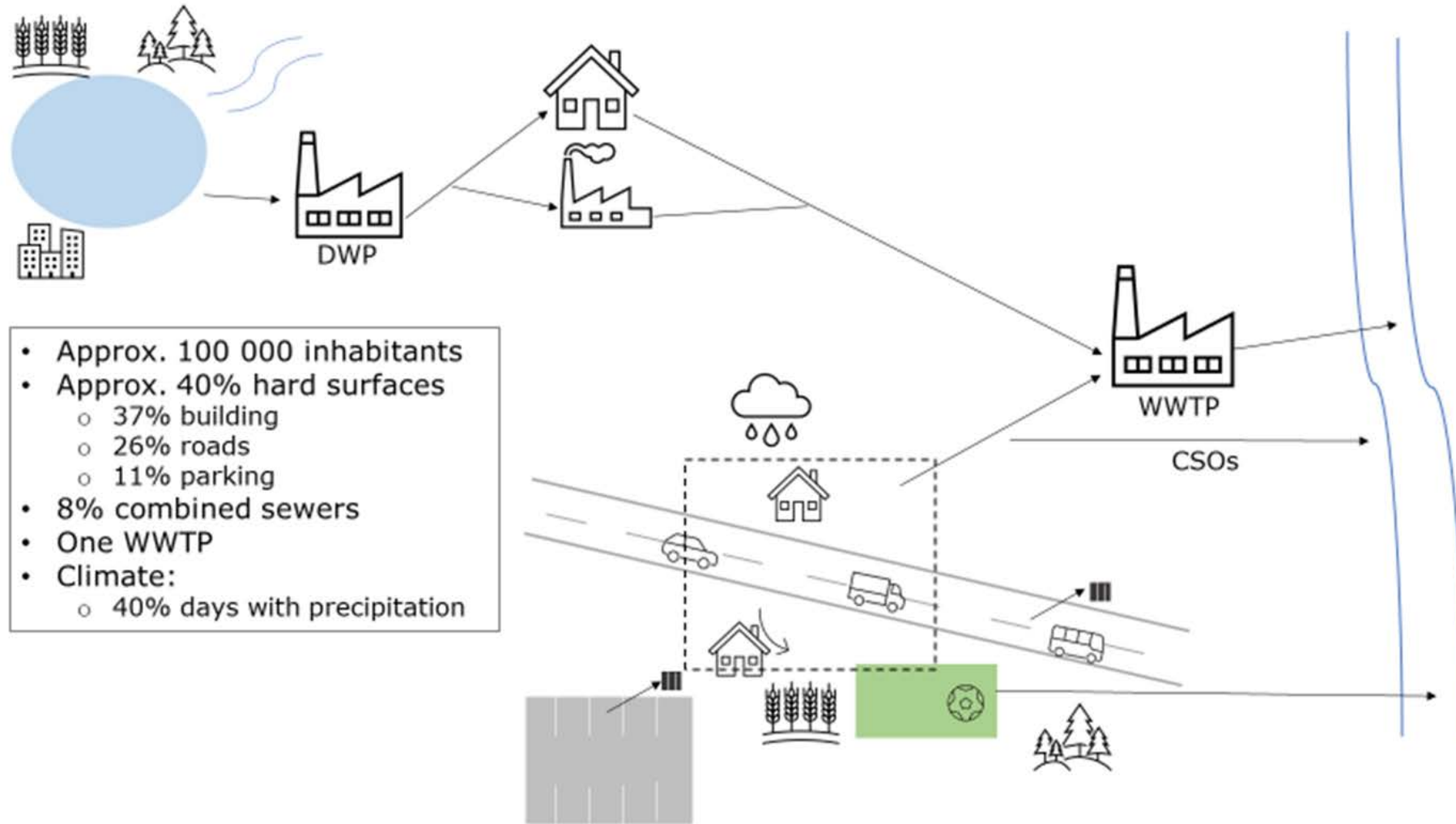


Photo: Irmeli Gronstad

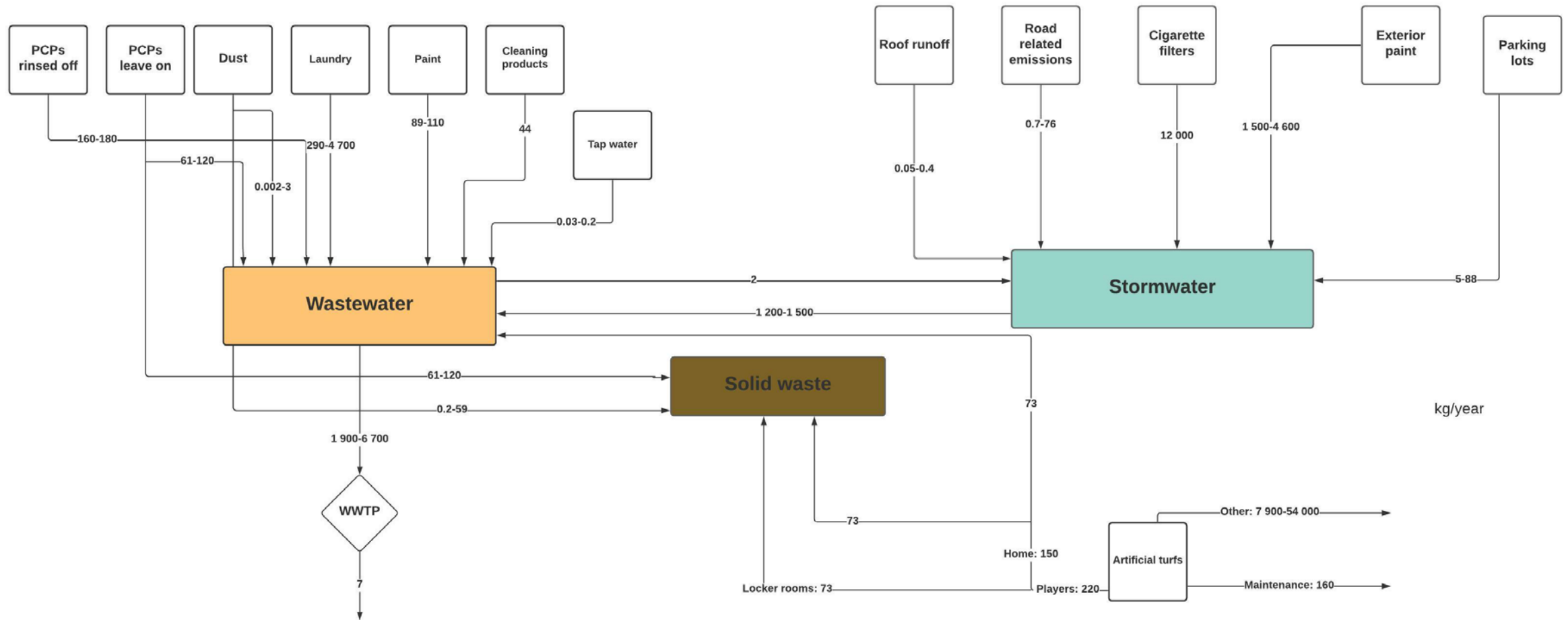
Source estimates – Calculation tool

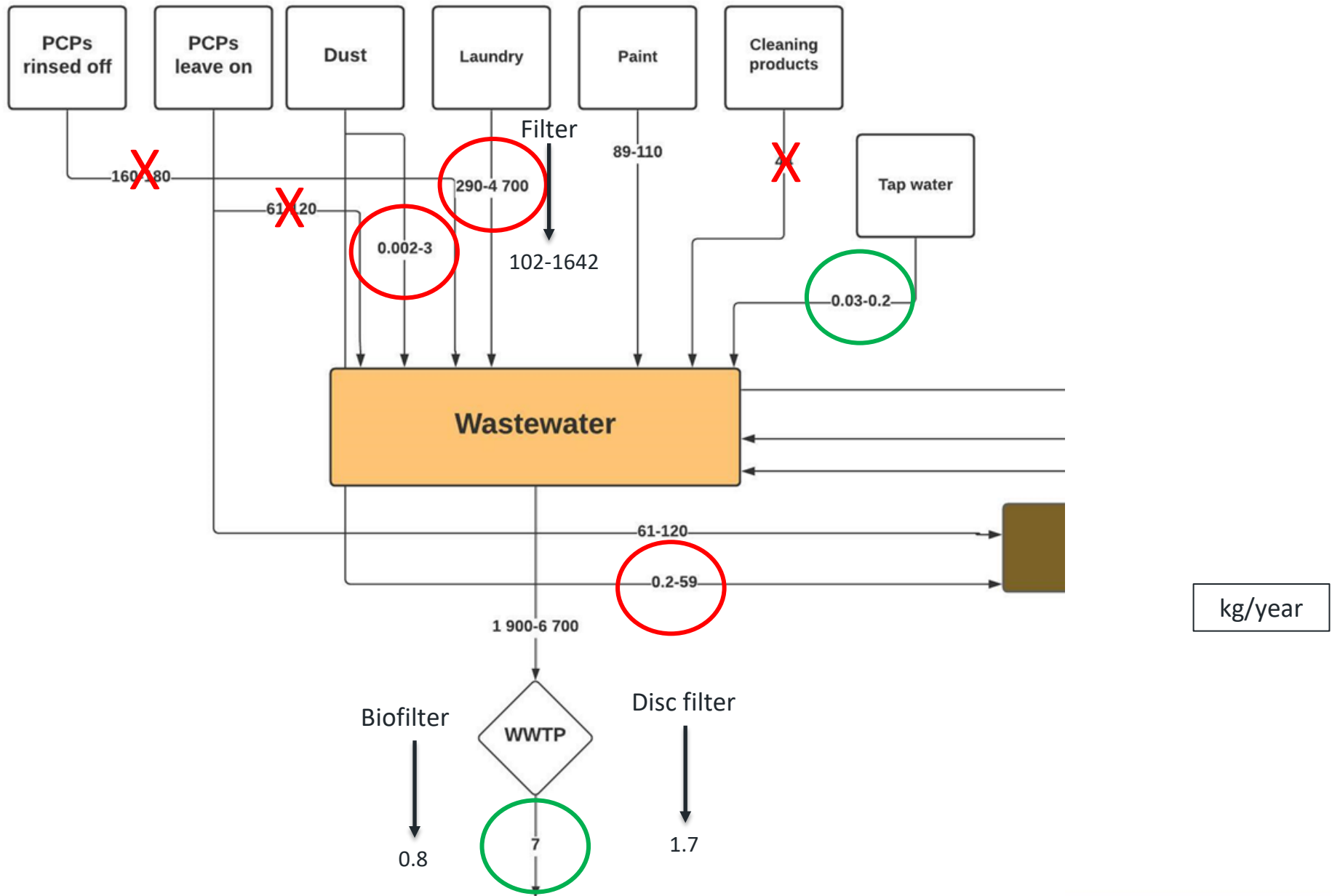
- Excel-based tool for estimating sources to urban waters
- Report
 - Source estimate
 - Information needed for input to the tool
 - Polymer types and shapes
 - Pathways

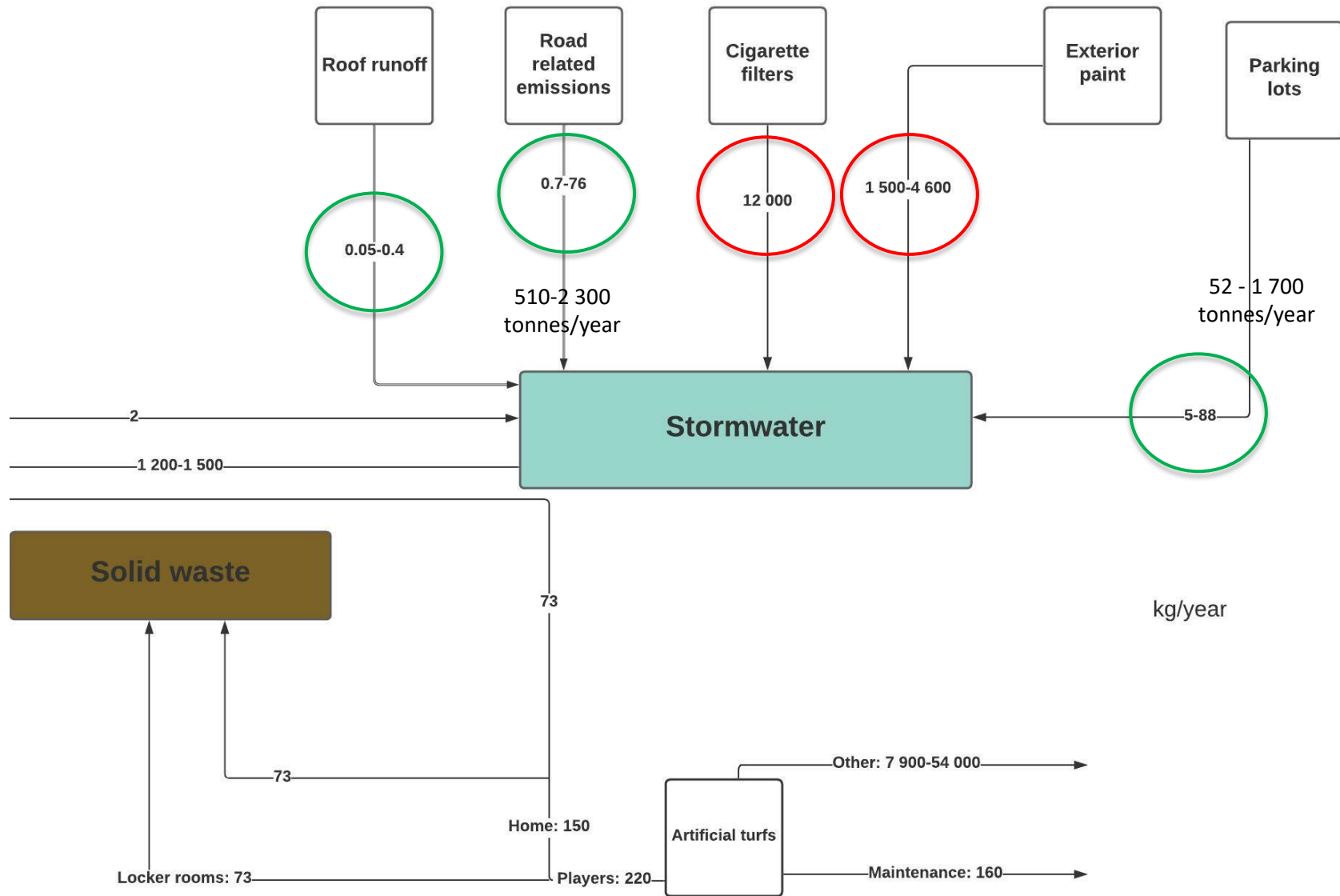
Flows in the semi-hypothetical case city



Flows of microplastics







Thank you!

Fanplesstic-sea



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