

The built environment and cancer prevention: A scoping review

6/6/2018

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HOW

WHEN

YOU ARE WHAT YOU...

WHERE

WHY

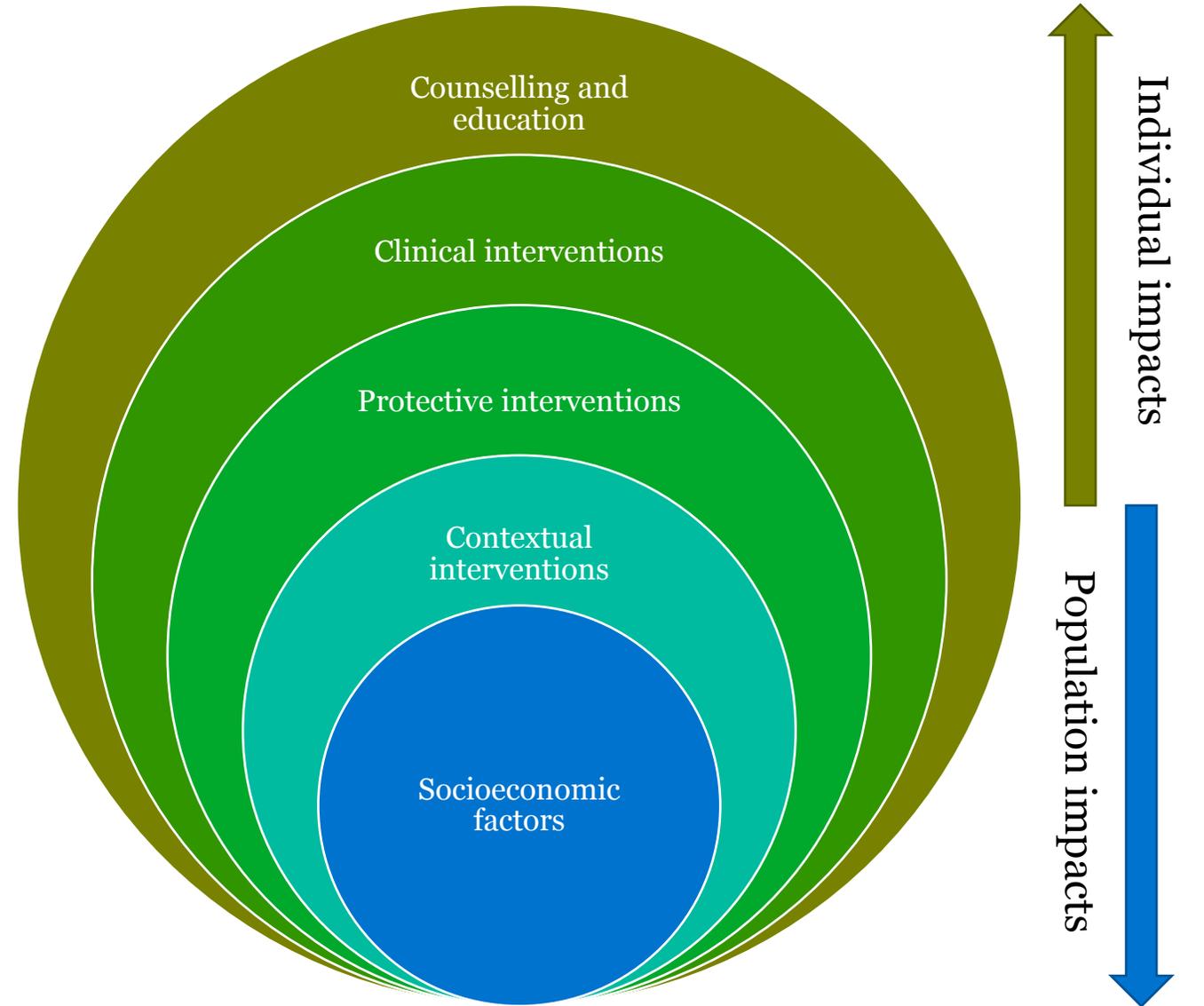
CANCER IN THE BUILT ENVIRONMENT

“Incorporating social and built environment factors into research on cancer etiology and outcomes can provide insight into disease processes, identify vulnerable populations, and **generate results with translational impact of relevance** for interventionists and policy makers”

Gomez et al. (2015) p. 2314

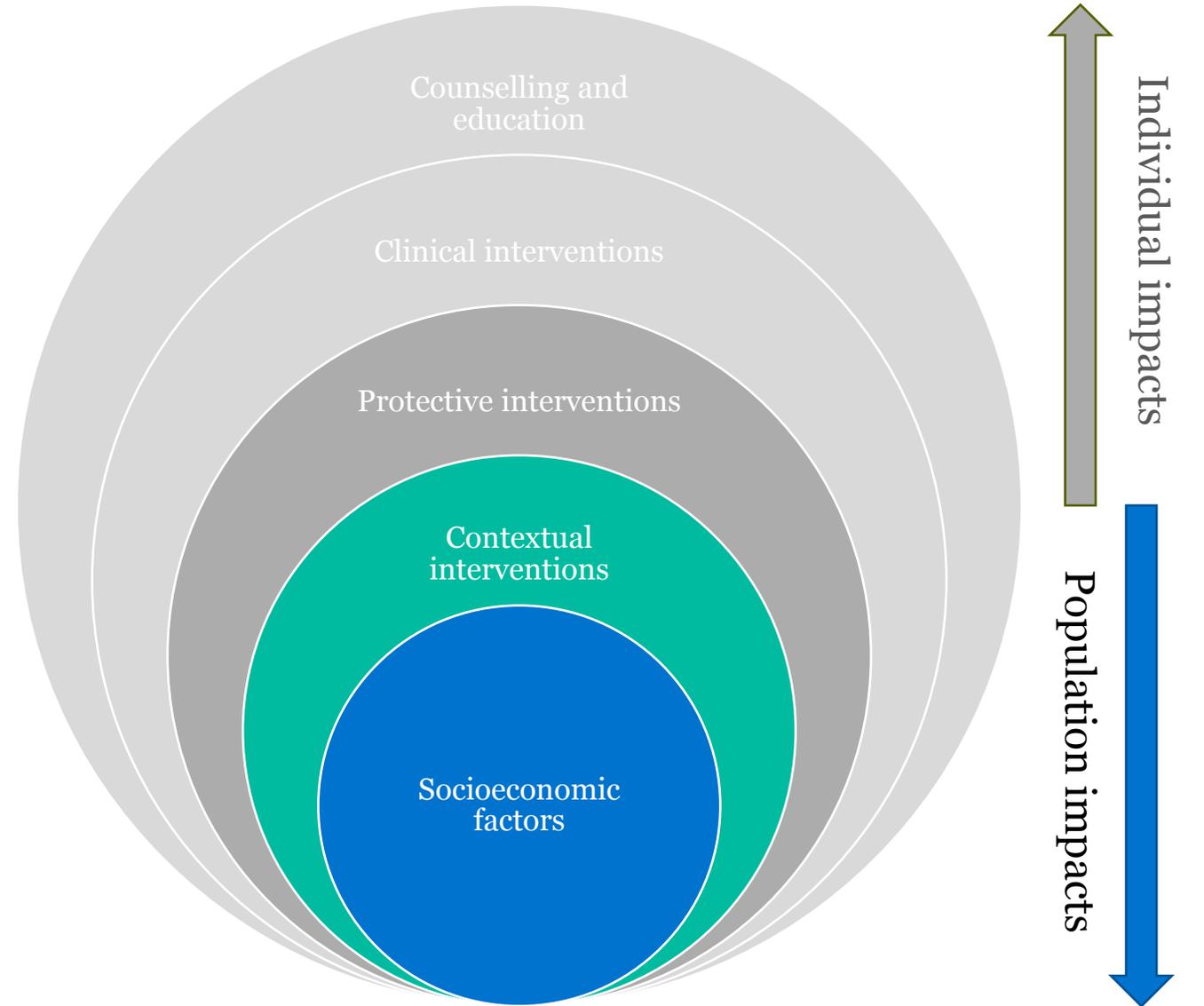
Reviewing the Evidence

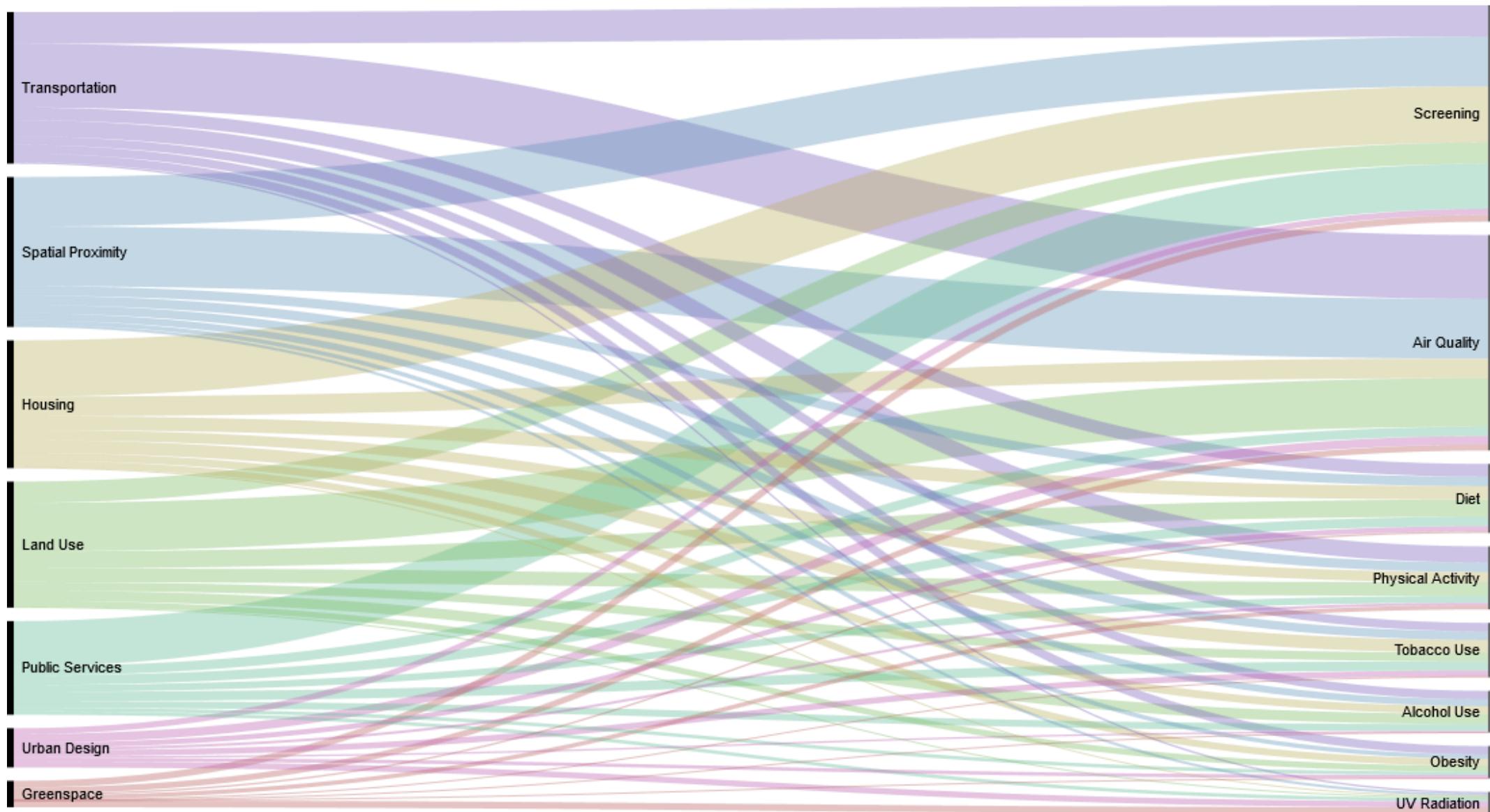
- How do researchers from diverse disciplines discuss the relationships between the built environment and prevention of cancer?
- Used a scoping review method (see Arksey & O'Malley, 2005)
- Reviewed evidence from January 1990 to April 2017

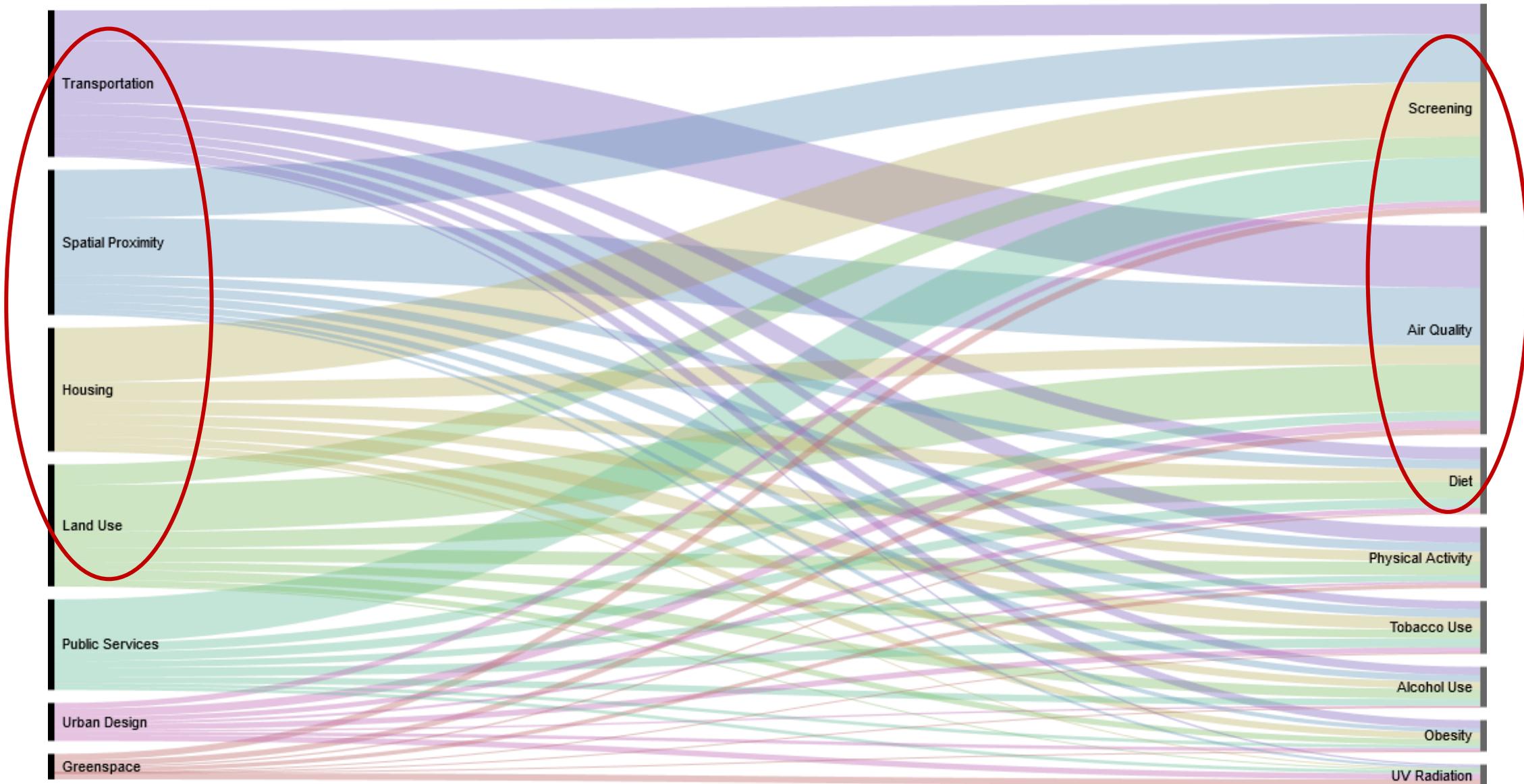


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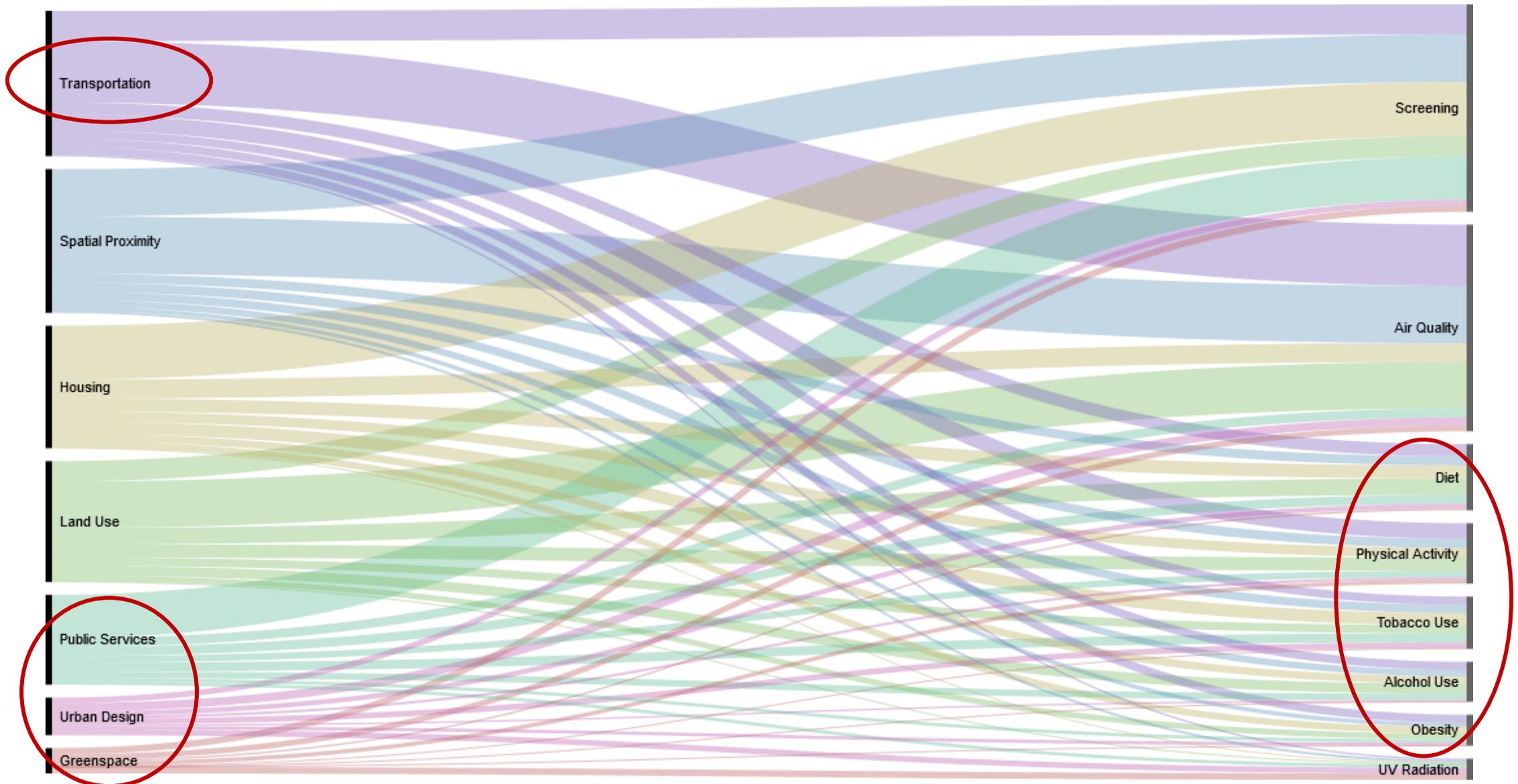




A group of people is sitting on a grassy hill, looking out over a city at dusk. The scene is dimly lit, with the city lights visible in the distance. The people are mostly seen from behind, creating a sense of a community gathering.

LOCAL NEIGHBOURHOOD ENVIRONMENTS

are the best site for cancer prevention given the well-understood links between housing, land use, transportation and individual risk factors



PUBLIC HEALTH MESSAGING

tends to target individual level behavioural factors rather than identifying structural determinants that drive cancer risk



ROW Public Health ✓

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1:06 PM - 22 May 2018

7 Retweets 6 Likes





WHAT CAN WE DO?

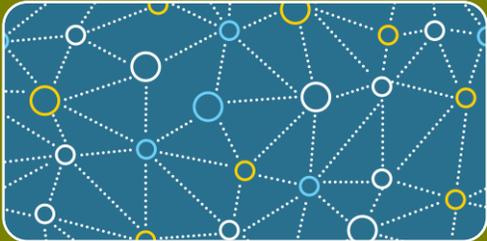
Actions for public health professionals

Proposed Actions for the Public Health Field



Local government

- Local councils have the broadest control over built environment
- Provides a flexible and micro-level site to target interventions



Systems approach

- Think in terms of systems – land use and transport are one cycle
- The interaction effects between factors could have consequences



Risk communication

- Simplified communications that don't "shame" the individual
- Consider the decreases (and increases) to risk from communications

Thank you for listening!



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