



Developing an Open Computational Framework for Decision Support Across Transportation, Weather, and Public Health

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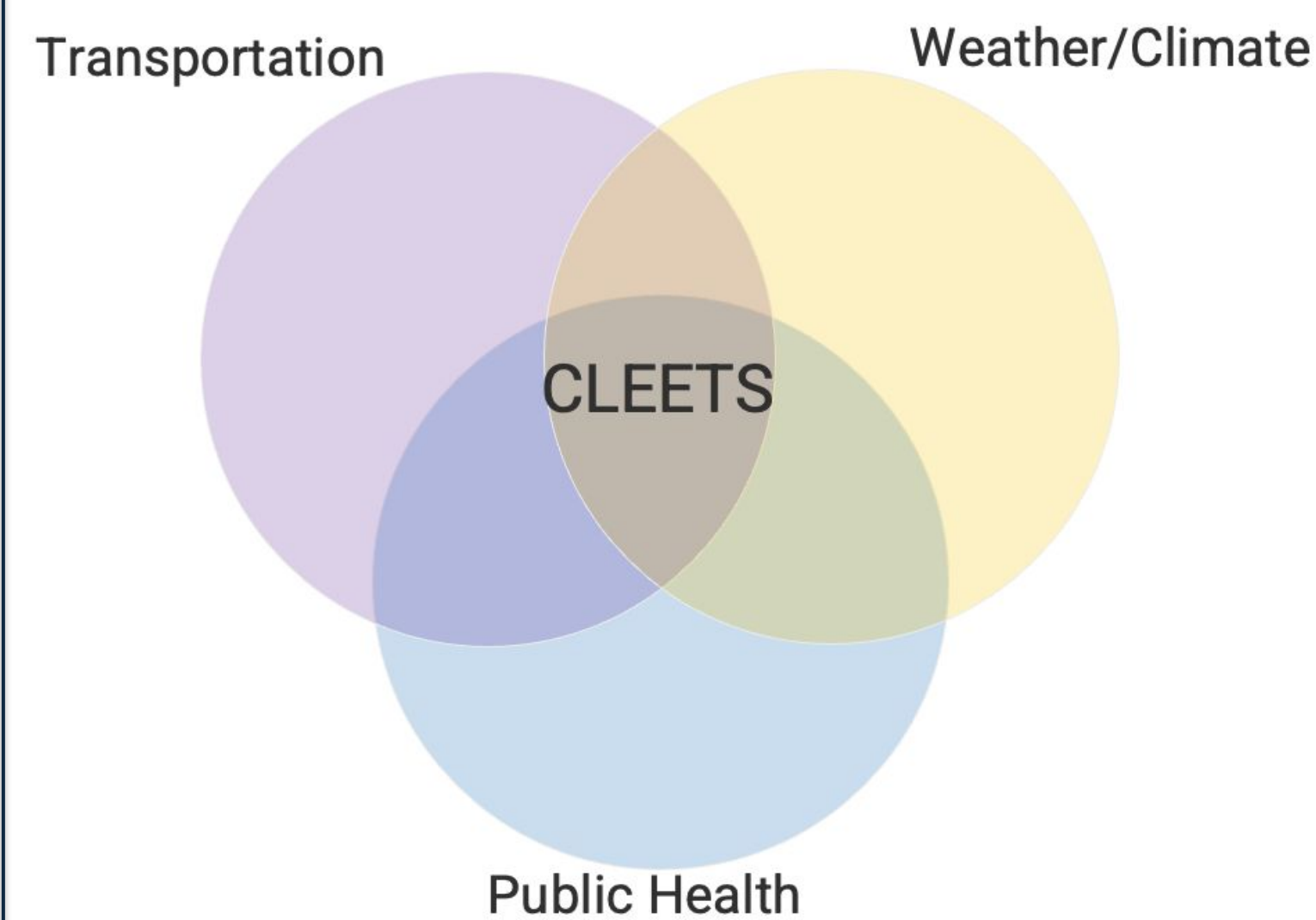


A

Cross-domain Challenges

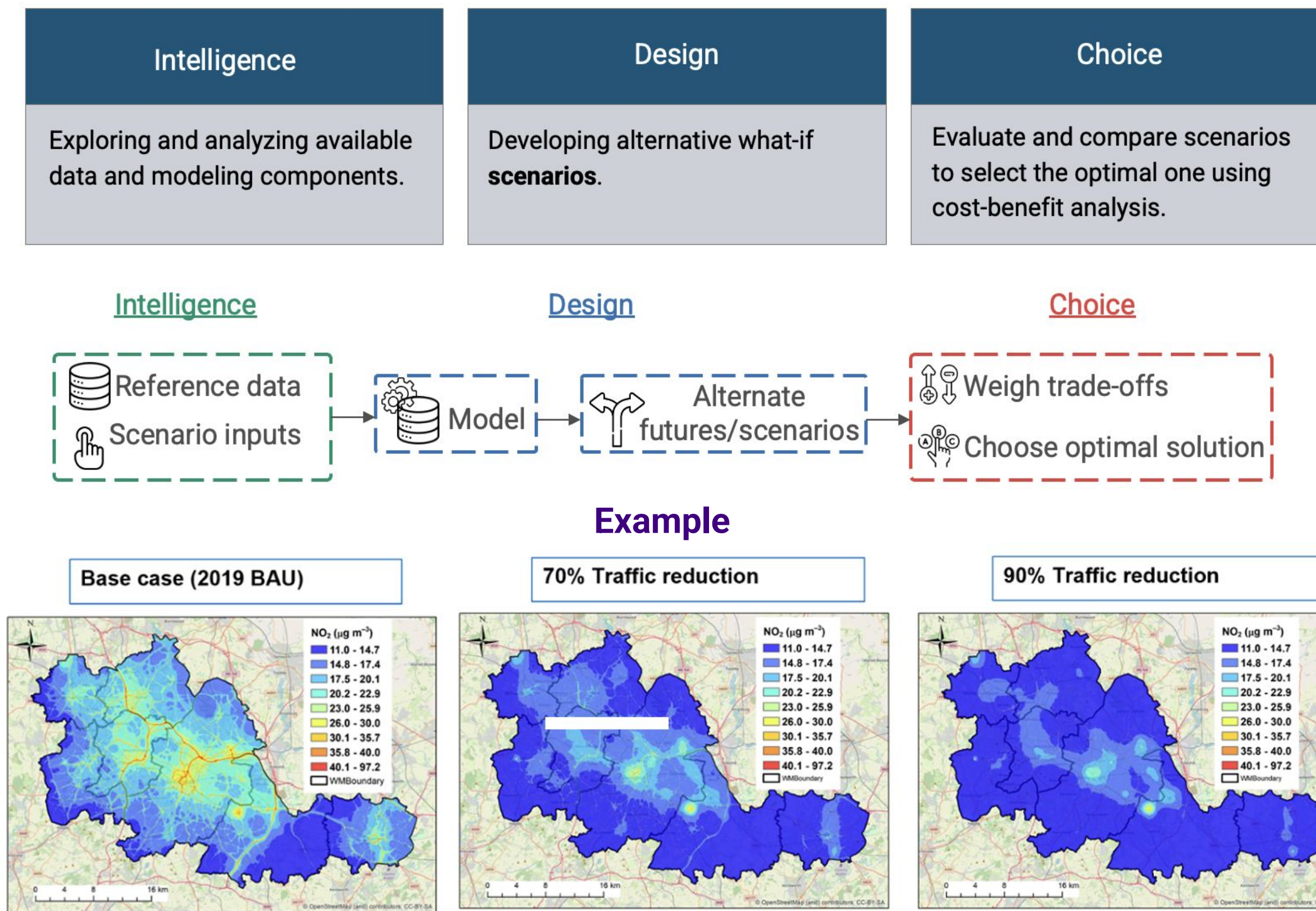
Diverse set of:

- Stakeholders/Experts
- Data sources & formats
- Methods & tools



B

Decision Support Framework

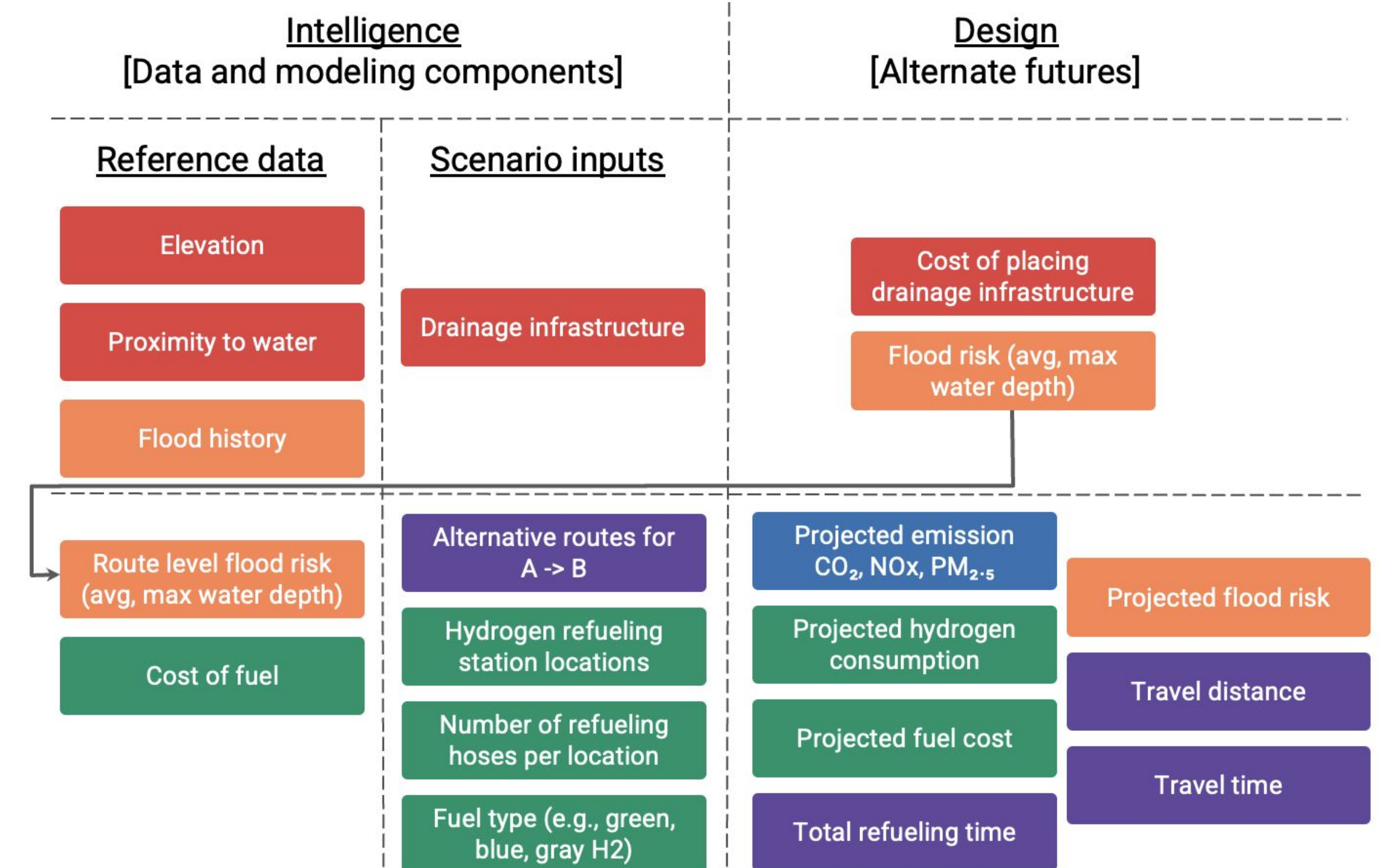


(Zhong et al, 2024, <https://doi.org/10.1016/j.uclim.2024.101961>)

C

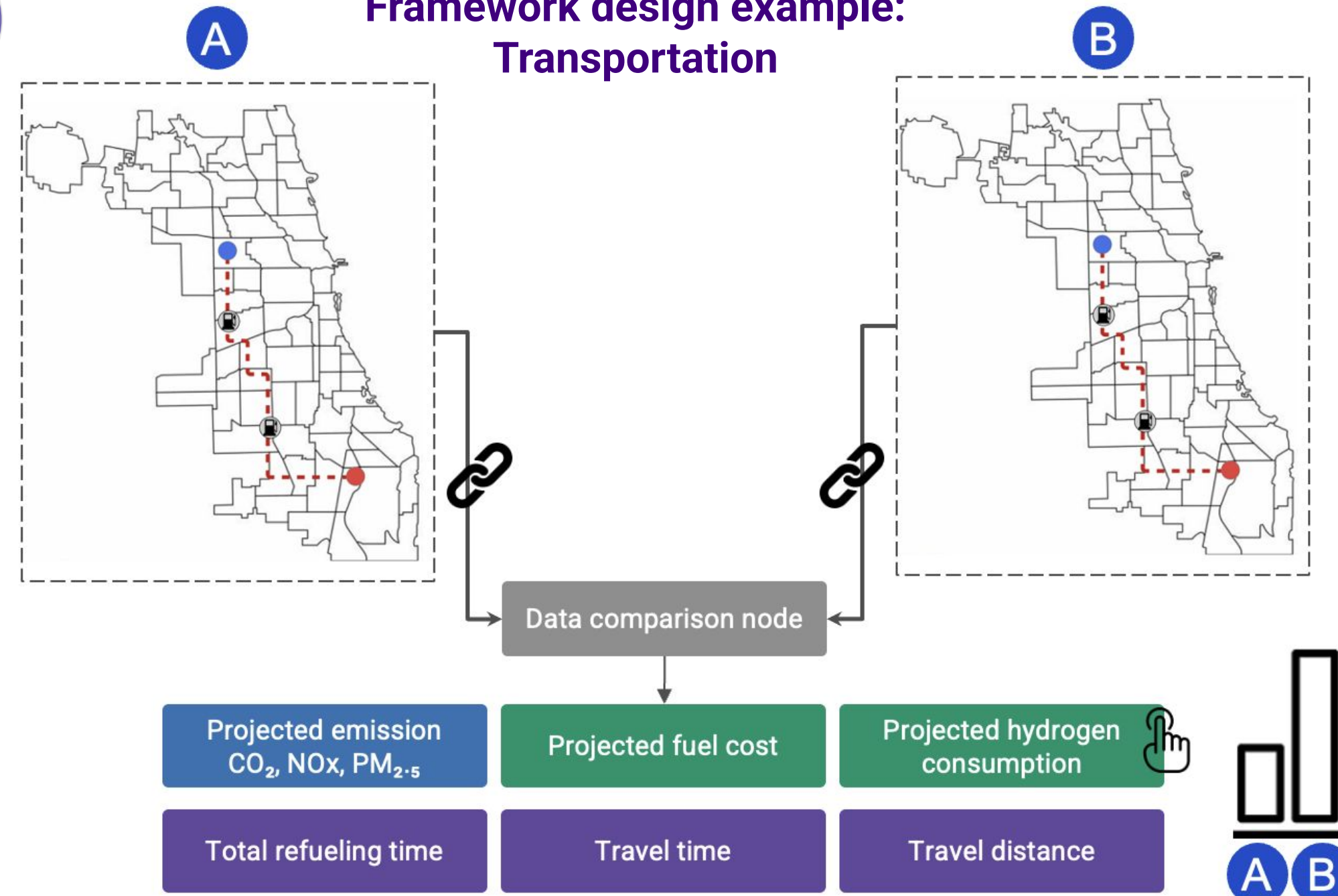
Cross-domain Scenarios

Public health Transportation Climate/weather Energy Miscellaneous



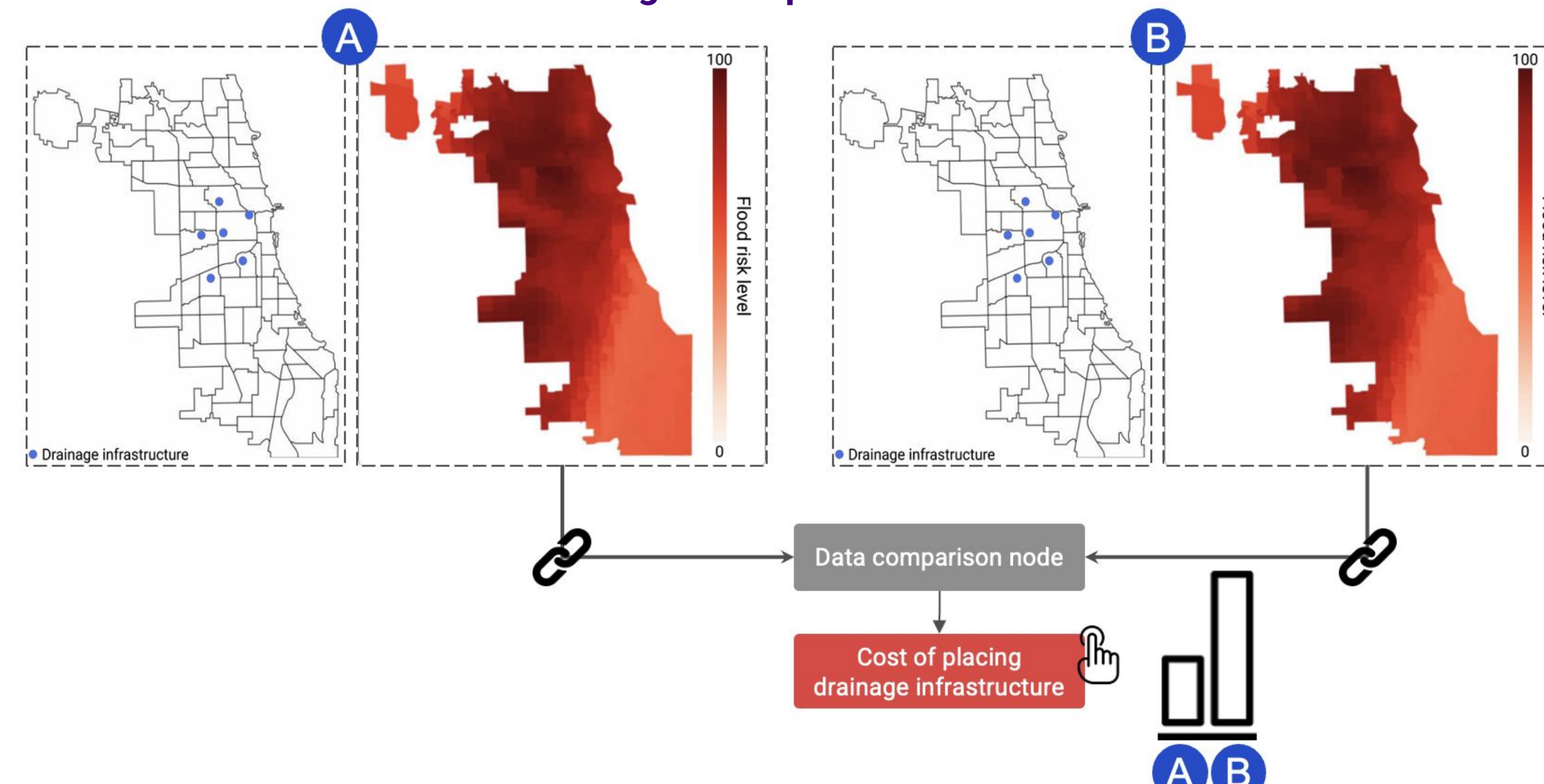
D1

Framework design example: Transportation



D2

Framework design example: Weather/Climate



<https://urbantk.org/curio/>

Acknowledgements

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