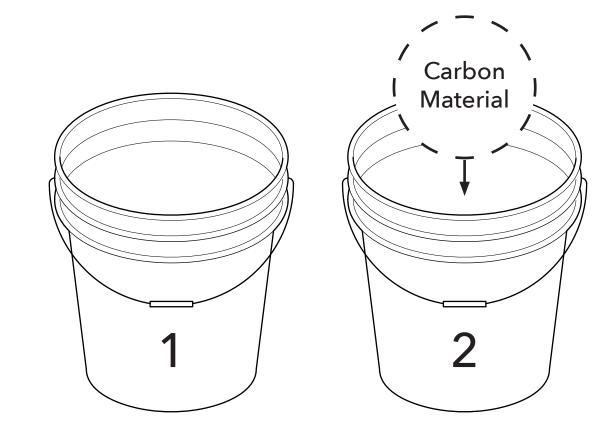
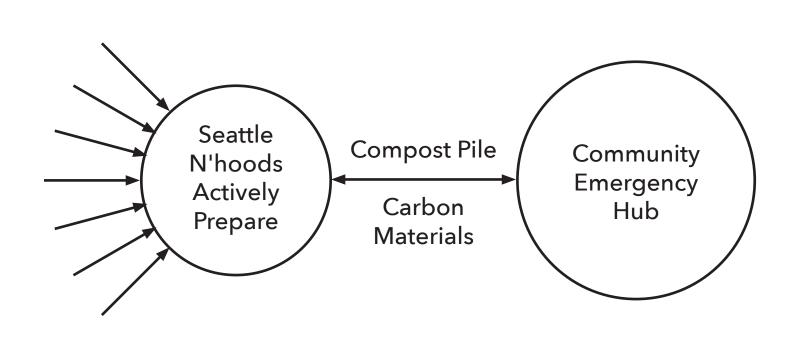
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When "The Really Big One" comes, our wastewater system will be incapacitated. In certain parts of Seattle, the timeline for repair of sewer pipes is estimated not in months, but years.¹ Above ground, with collapsed bridges and destroyed transportation infrastructure, authorities won't be able to respond with enough portable toilets. This means that each household and neighborhood will need to prepare decentralized, waterless systems before a seismic event.

Part Two is for **neighborhood-scale hot composting** to be implemented as a part of the city's SNAP (Seattle Neighborhoods Actively Prepare) program, run by volunteer residents to assist neighborhoods organize themselves in case of natural disasters, as a sustainable means of excreta disposal. Community Emergency Hubs, pre-determined gathering places where community members can request and receive help, as well as exchange





Part One of our proposal calls for each household to include in their emergency supplies the **No-Mix Toilet**, where urine (1) and excreta (2) are eliminated in two separate buckets; carbon materials are added to the latter for deodorizing and composting.² An affordable and effective solution for emergency scenarios, No-Mix can reduce risk of disease and almost completely eliminate odor, is easy to handle and feasible even for high-rise apartment residents.

information and resources, may be ideal locations for compost piles and carbon material stockpiles.³ In summary, these two systems together would allow communities to independently and effectively manage sanitary issues, an important but oft-overlooked issue in post-disaster scenarios. Utilizing ubiquitous materials and existing social infrastructure, this plan would cost very little to implement, yet offer great relief in the daily lives of the residents.

