# Connecting Community Values with Climate Change Adaptation Through a School Greening Project DECISION CENTER SCHOOL of SUSTAINABILITY





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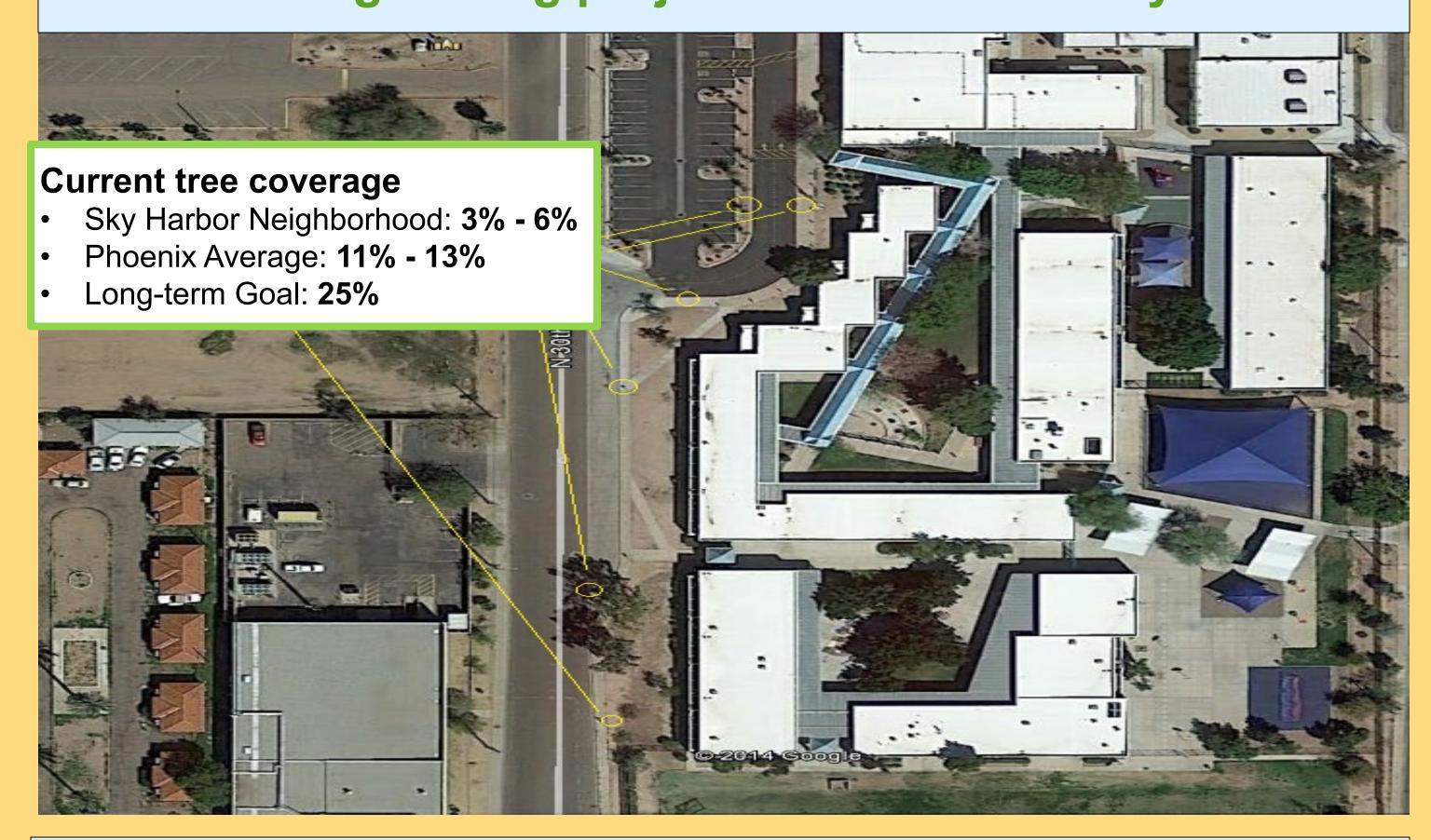
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How can community participation in climate adaptation initiatives become a higher priority for and more accessible to communities?

The Sonoran Institute is undertaking an initiative to assist vulnerable communities in adapting to climate change by developing plans to increase resilience to climate-related impacts. This project seeks to spread awareness and knowledge of the problems that climate change creates for communities and how climate adaptation can meet their expressed needs. This process highlights intervention points aimed at empowering communities to meet climate challenges.

My project's focus is in a south Phoenix neighborhood near Sky Harbor Airport. Community leaders identified climate change as a concern for residents, but it is not a high priority on their list of needs.

### Location of greening project at Wilson Primary School.



### Methods

#### 1. Interconnect stakeholders

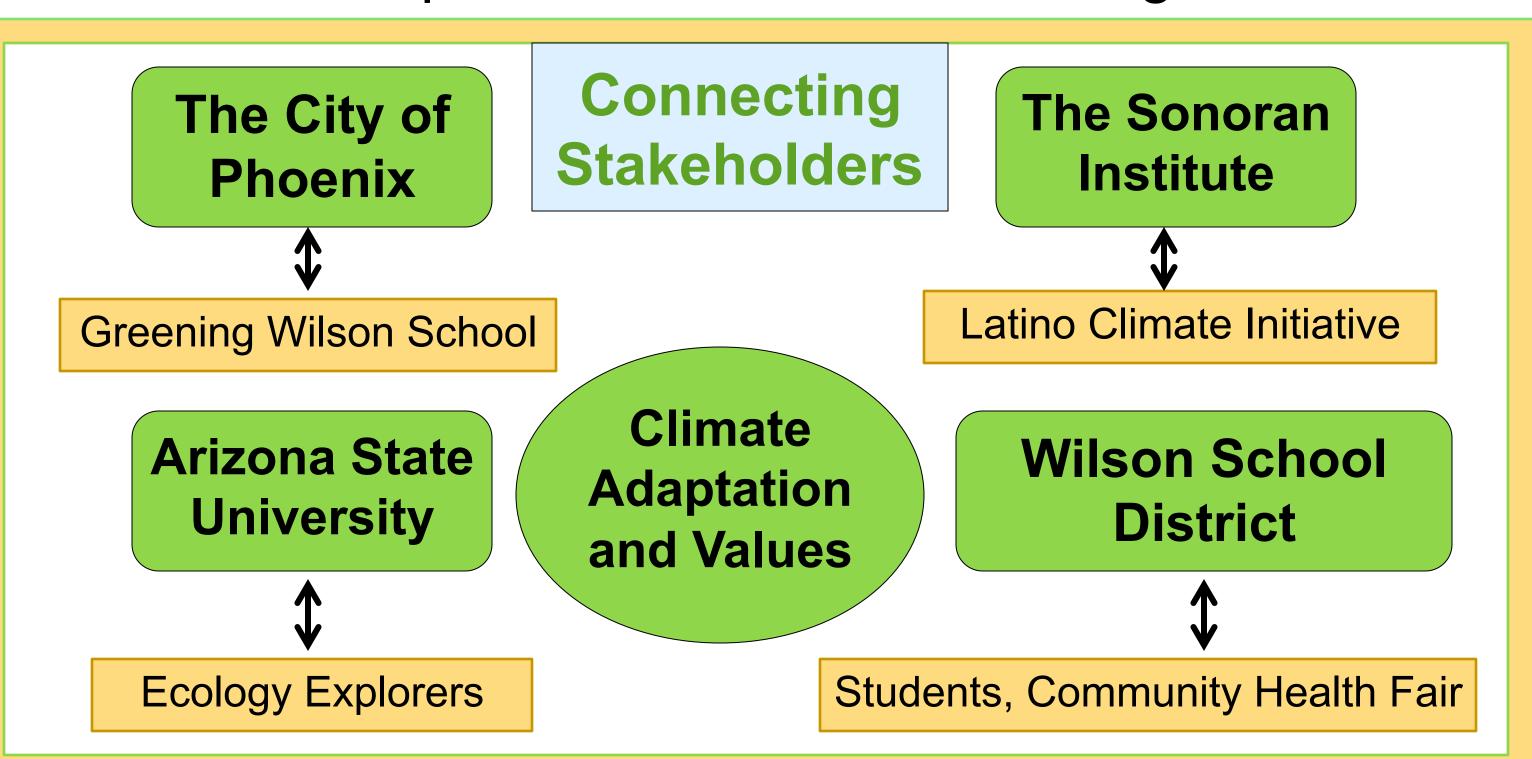
Linked initiatives and activities between organizations like the Sonoran Institute, the community, ASU and the City of Phoenix.

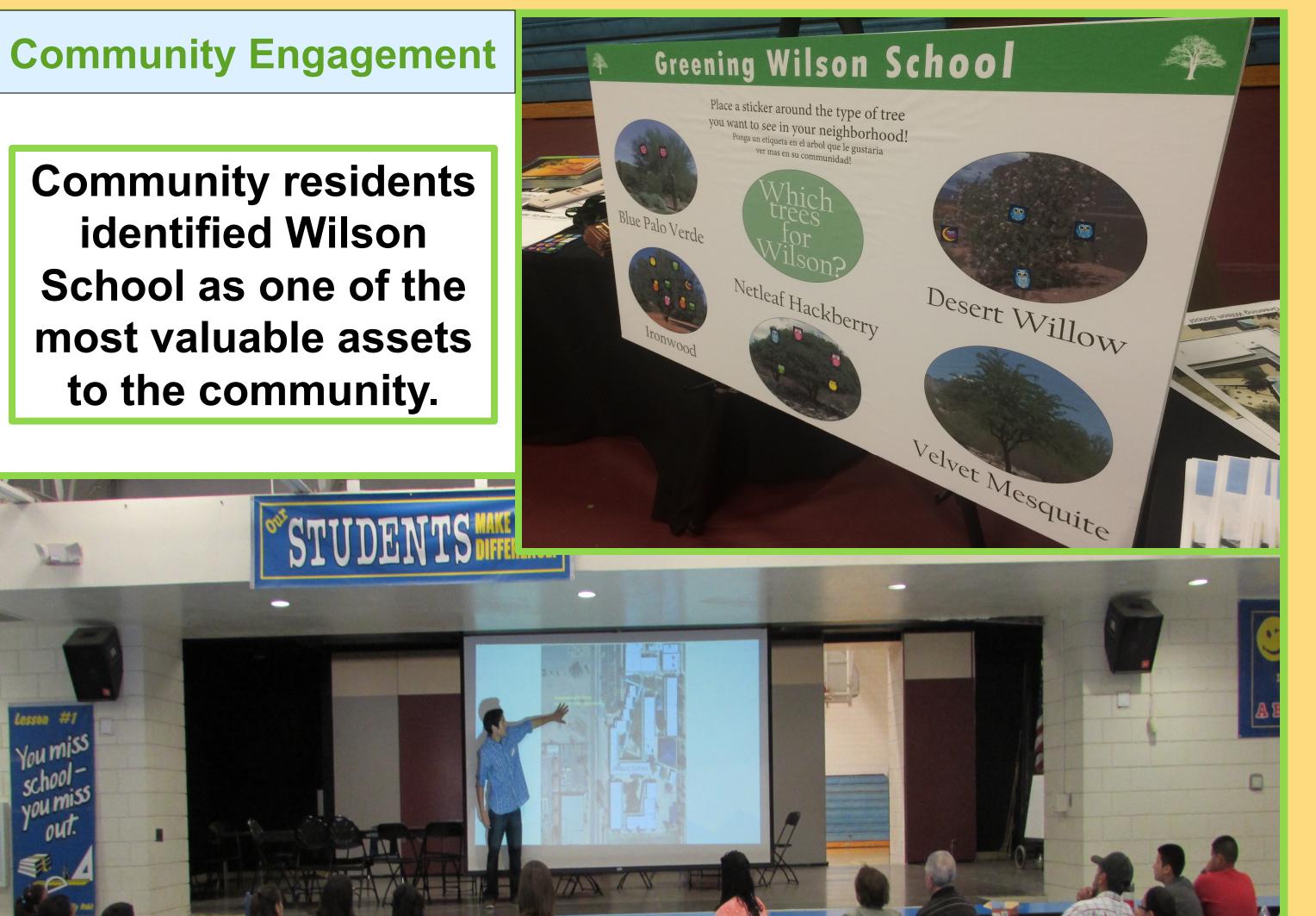
#### 2. Hold workshop with community members

Shared knowledge of risks residents face, and spread awareness of school greening project to garner residents' interest in participation.

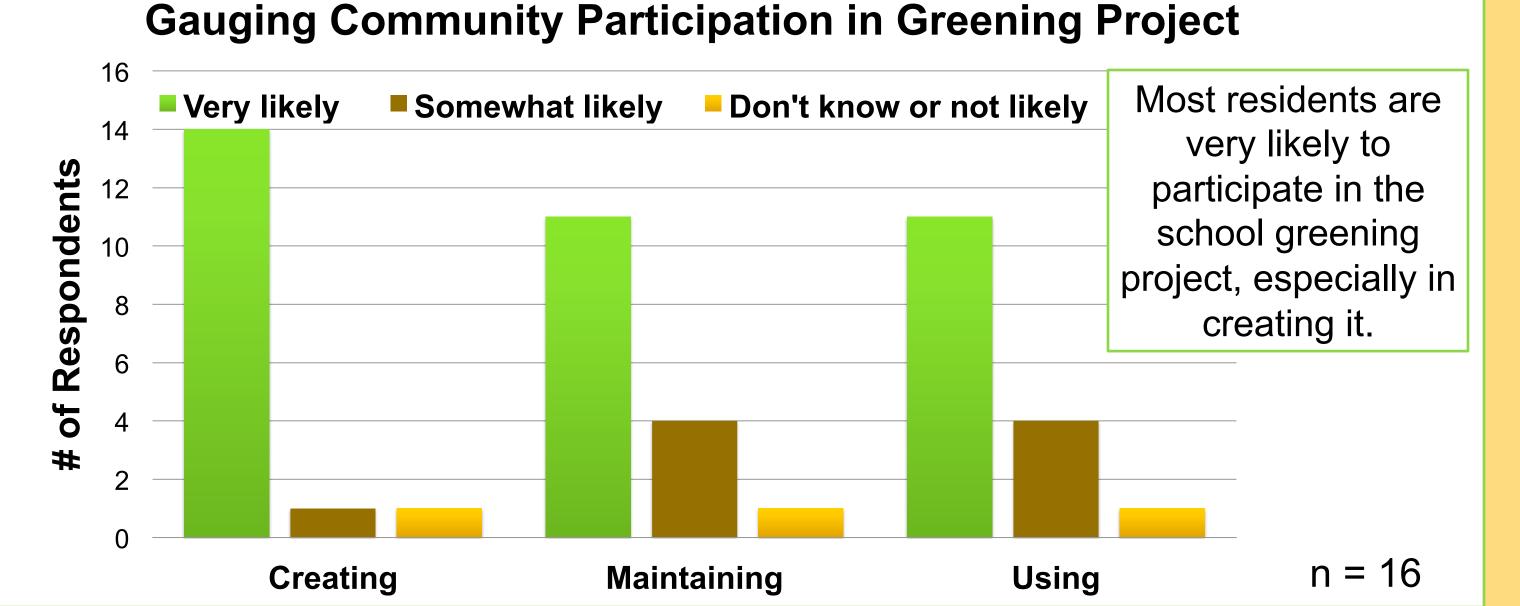
#### 3. Conduct Surveys

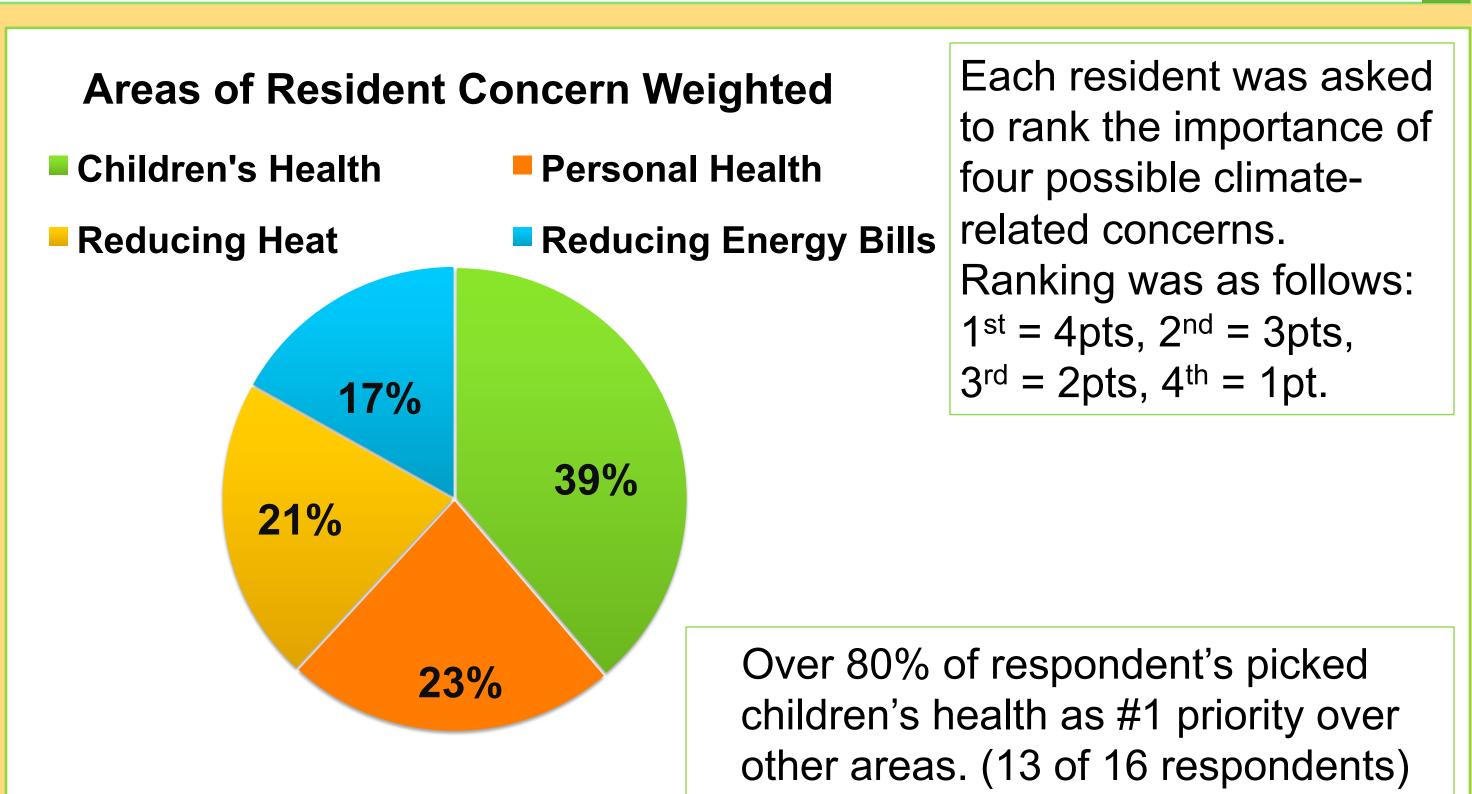
Gauged likeliness of participation in the school greening project and ranked their areas of concern.





### Survey Findings

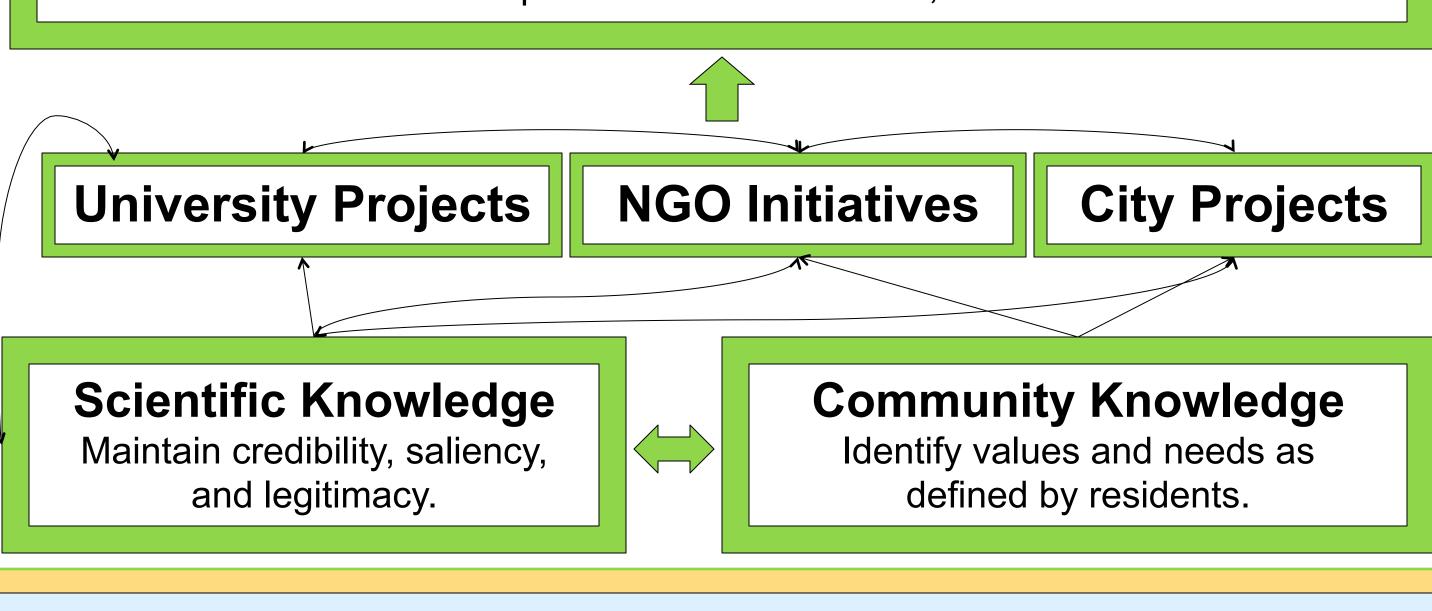




### Scientific knowledge and community knowledge must be aligned.

Connected community values and needs to adaptation strategies

Gauge interest and acceptance for strategies through community input. Allow them to further shape idea. Work with them, and not for them.



### Further Projects

Follow up on the other interests identified by residents.

- Tree shade program for homes.
- Weatherization of homes.
- Establishing community leadership network.

## Acknowledgment

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