

Smart and Connected Communities Technology and Social Science Working Together for Better Society

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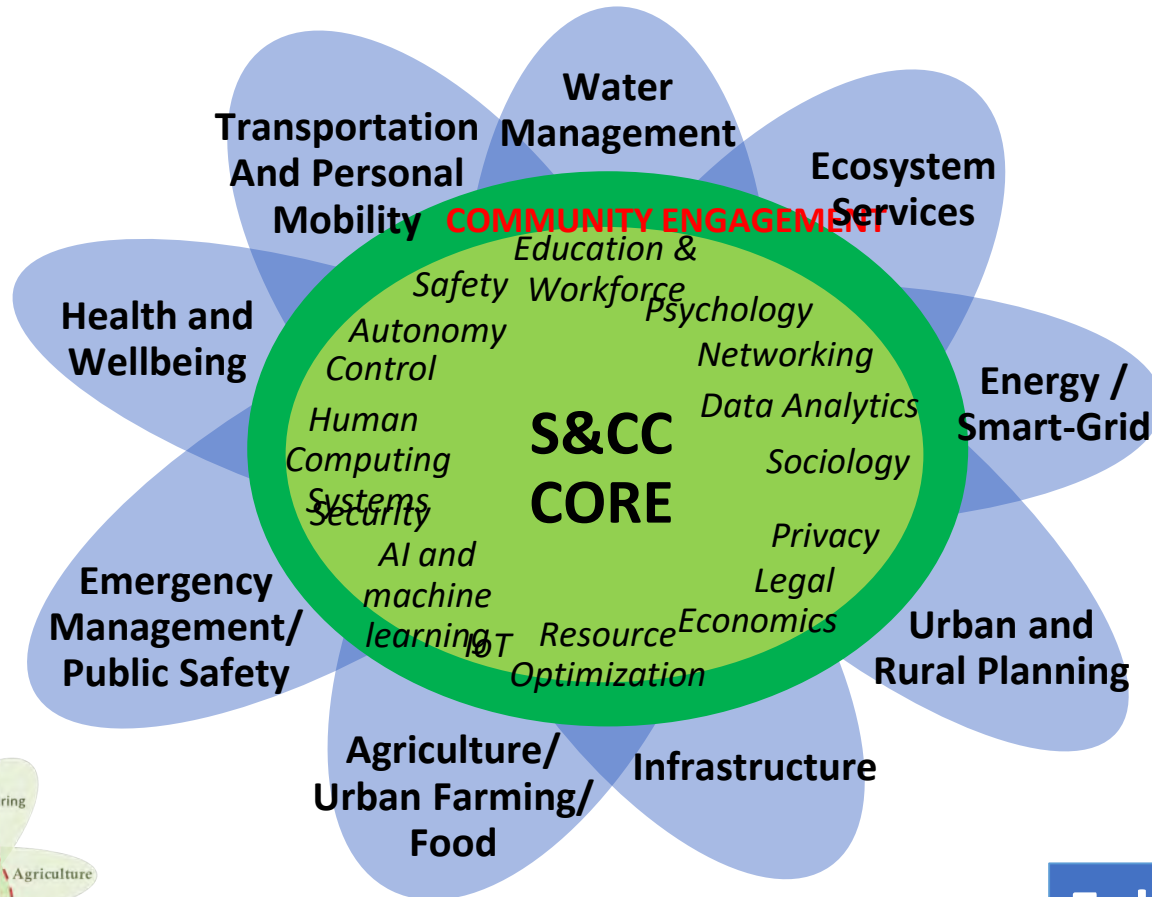
National Science Foundation

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Smart and Connected Communities video

<https://www.youtube.com/watch?v=Wm4Elder2CQ&feature=youtu.be>

The value of fundamental research in smart and connected communities (S&CC)



A fundamental understanding of the complex, dynamic interactions between technology and society is essential for unlocking the potential benefits of smart and connected communities.

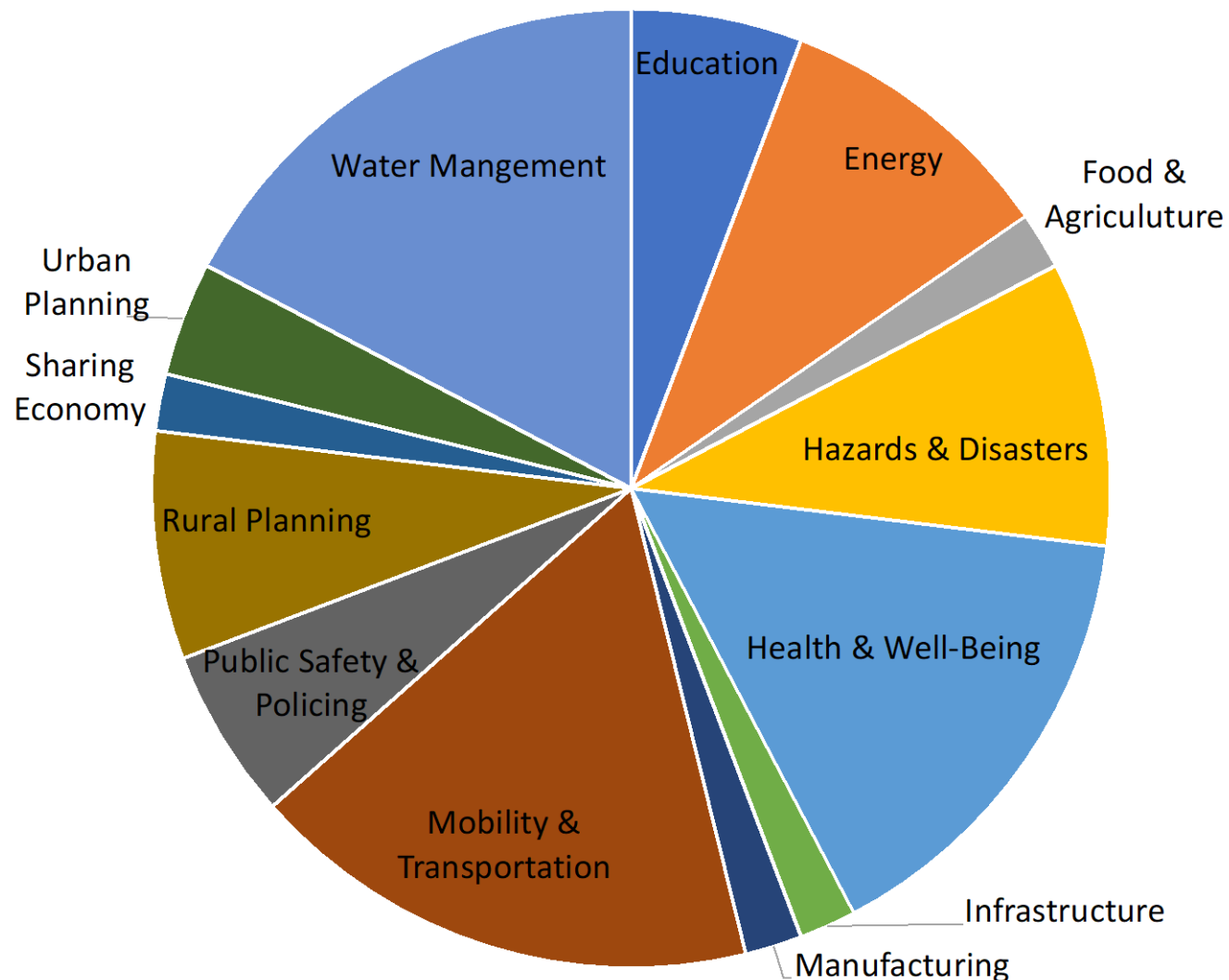
Enhances scientific and engineering knowledge in ways that improve the quality of life within communities.

Successful Smart & Connected Communities Research



NSF's Smart and Connected Communities program

- Advancing **technological and social** research dimensions
- **Integrating community stakeholders** within projects
- **Managing** across disciplines, institutions, and community entities
- **Evaluating** short, medium, and long-term **impacts** of the activities



S&CC website: [NSF.gov/SCC](https://www.nsf.gov/scc)

52 Awards; \$42.3 million

International Collaborations for SCC

- NSF recognizes value of international collaborations and how they can significantly grow the research impact
- NSF plans to discuss with JPI Urban further opportunities for collaborative funding
- Meanwhile:
 - Researchers with existing NSF funding can always propose supplements to extend research with international collaboration - NSF funds US portion, other agency funds international side
 - Individual PI initiated for specific proposals leveraging existing agreements with various countries – for example - Joint Solicitation or international track to an existing solicitation CPS solicitation NSF 19-553 included a track with DGF Germany on Networked CPS
 - PI can propose NSF sponsorship of International / collaborative workshops