MINING WISDOM IN SUCCESS STORIES

OF SMART CITIES AND SMART APPLICATIONS

Studied Cities: **Atlanta, Austin, Columbus, Pittsburgh, San Francsico, Barcelona, Yinchuan, New York, Denver, Fujisawa, Masdar, Minneapolis, Songdo, Stanford**

Studied Applications: **Code for America applications from years 2011, 2012, and 2013**

SUCCESS FACTOR FOR CITIES

City Government Support

Leadership positions dedicated to smart city development is common between successful cities along with progressive regulations that facilitate innovation (e.g., allowing autonomous vehicles testing) .

Clear and Realistic Goals

Fast progressing smart cities have clear goals that are focused on improving living conditions and saving costs not demonstrating technologies

Saving or Marking Money

A great catalyst of investing in smart cities is saving money in the long run by reducing energy consumption, reducing accidents, or prolonging infrastructure durability.

Smart Infrastructure

Availability of smart sensors and experimenting with different deployments allow for determining what works and how to make best use of it.

Partnerships

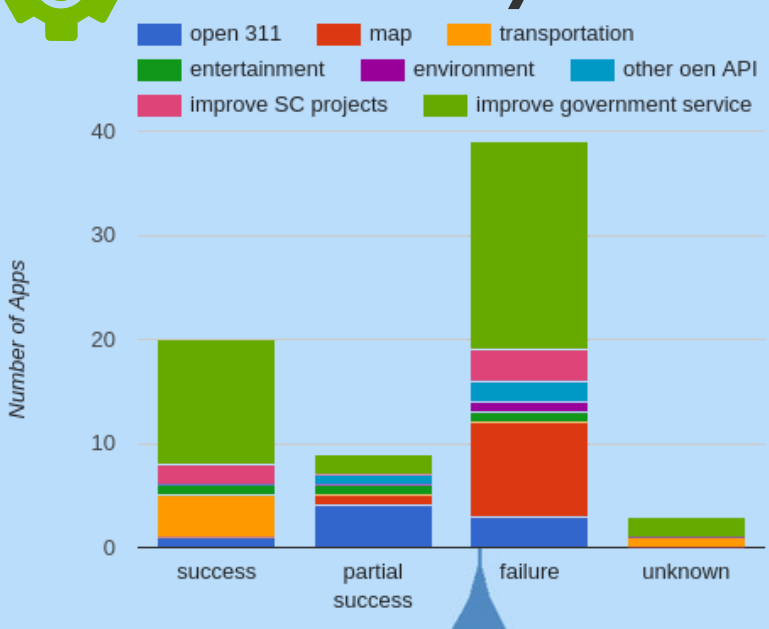
Partnership with local technology companies and universities is key for accelerating development.

Open Data Initiatives

Open data initiatives allow for more transparency and development of innovative ideas by small companies.

FINDINGS FOR APPLICATIONS

Functionality



Funding

Among 21 successful applications, 5 applications have a startup now

Local Cities

Boston, Philadelphia, and DC have more successful applications than other cities. Honolulu has made several attempts but only one application is still working.

RECOMMENDATIONS FOR ATLANTA

1. City Government Support
2. Avoid the initiative being a burden by saving costs through technology

3. Setting goals impacting quality of life in the city
4. Bigger online presence

RECOMMENDATIONS FOR APPS

1. Open Data API
2. Avoid copying successful examples without localizing them
3. Have clear scope