

Our Model

01 02 03 04 05 06 07

Identitfy Plan Collect Generate Create Conclude Leverage Stakeholder **Project** Insights **Artifacts Artifacts** Data **Project Priorities** Find alignment Translate Collect the right Analyze data to Display and Sharing artifacts Develop a plan to and create trust stakeholder data to answer draw conclusions package insights to create change either sustain or priorities into a key questions to tell stories that end project GOALS Identitfy project plan that support questions that can answer kev stakeholder need answering auestions priorities Identitfy avenues for sharing insights and artifacts Understand partner Write a plan (to include maps, timelines, tech Deploy instruments in Create or obtain Identify key figures and Decide the future expectation existing analysis code trajectory of project, physical resources and specs, budget, etc...) **ACTIVITIES** Establish roles and define team Use analysis code to generate statistics and figures Incorporate key figures and statistics into Access, download, uman resources organize, backup data Identify and purchase Create a dissemination formats that community plan Develop and implement project conclusion plan equipment Understand project partners can develop deployment strategy for equipment (locations, duration) endpoints Interpret statistics and understand and use Community Partner Implement dissemination plan Technical/academic partner establish goals Provide feedback site (virtual) visits provide feedback Iterate Collaborative role giterate plans based on feedback

PRODUCTS

Curated list of each stakeholder's priorities

Clearly articulated list of key questions for the project

Stakeholder map(s)

Project planning document, including roles, timeline, budget, risk mitigation, and data management

Maps of proposed equipment deployment locations

Network of deployed hardware

Organized, backed up raw data that are accessible to the team

Analysis software and algorithms

List of insights that answer key questions

Curated set of figures, tables, and statistics that support insights

Artifacts that have been packaged for stakeholders

Theory of change for how artifacts lead to impact

Plan for using artifacts in change-making work, including roles, timeline, budget, and risk mitigation

Plan for hardware and artifacts will:
a. continue to be used and sustained in the community, or
b. re- deployed in other communities or meet

their end of life

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02

Plan

Project

03

Data

Collect

04

Generate

Insights

05

Create

Artifacts

06

Leverage

Artifacts

GOALS

and create trust Identitfy

Find alignment

questions that need answering

Stakeholder

Priorities

Translate stakeholder priorities into a project plan that

auestions

can answer kev

Collect the right data to answer key questions

Analyze data to draw conclusions

to tell stories that support stakeholder priorities

Identify key figures and

Incorporate key figures and statistics into

formats that community

understand and use

partners can

package insights

Display and

to create change

Sharing artifacts

Develop a plan to either sustain or end project

Conclude

Project

ACTIVITIES

Community Partner

Technical/academic partner

Collaborative role

Understand project endpoints establish goals

site (virtual) visits

Understand partner

Establish roles and define

expectation

develop deployment strategy for equipment (locations, duration) provide feedback

Write a plan (to include

maps, timelines, tech

specs, budget, etc...)

Identify and purchase

equipment

iterate plans based on feedback

Deploy instruments in the field

Access, download,

organize, backup data

Use analysis code to generate statistics and figures

Interpret statistics and

Create or obtain existing analysis code

Provide feedback Iterate

Identitfy avenues for sharing insights and artifacts

 Create a dissemination plan

Implement dissemination plan

uman resources Develop and implement project conclusion plan

Decide the future

trajectory of project, physical resources and

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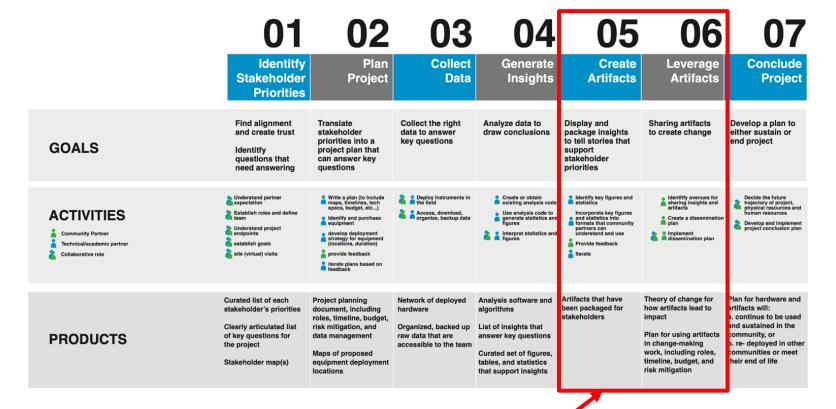
risk mitigation

Theory of change for

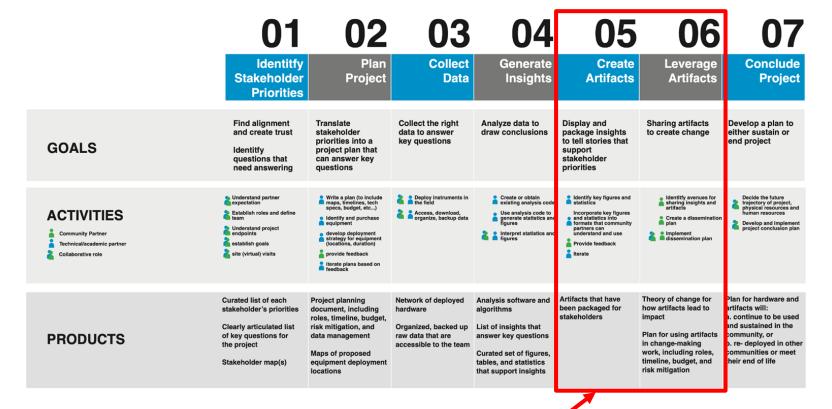
how artifacts lead to

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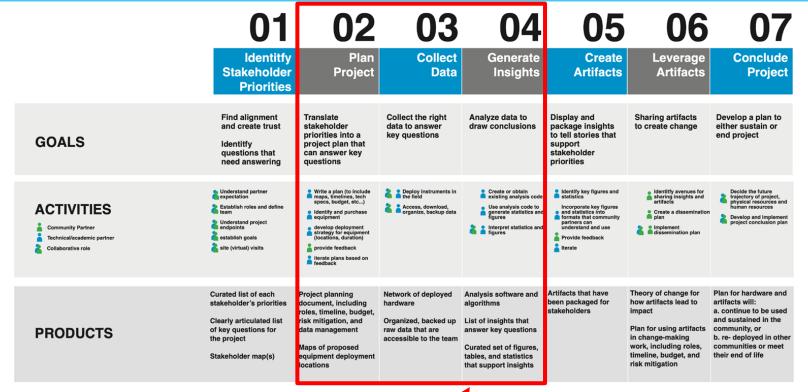
Lessons Learned



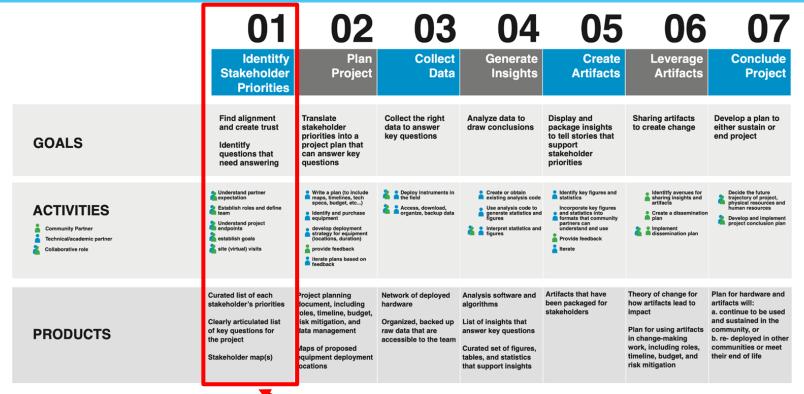
Begin with the end in mind



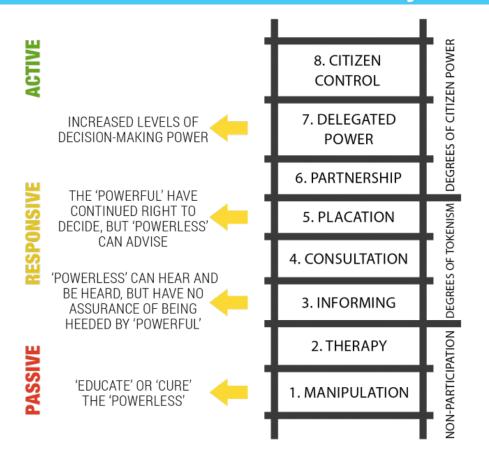
Problems often show up here



Because community partners weren't meaningfully involved here



Or because this never (sufficiently) happened



Increased responsibility
Increased accountability
Decreased control of outcomes
Decreased control of process

Simple stories hold the greatest potential for impact







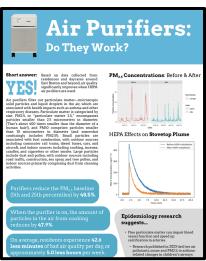
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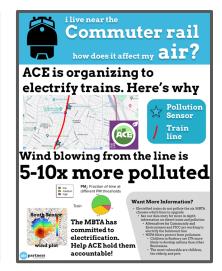




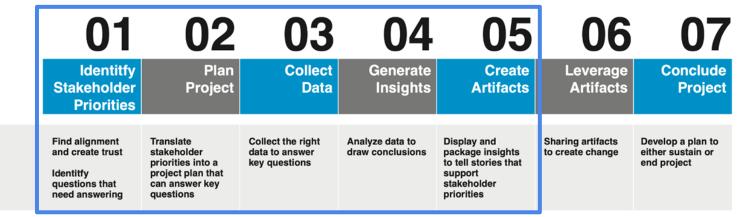






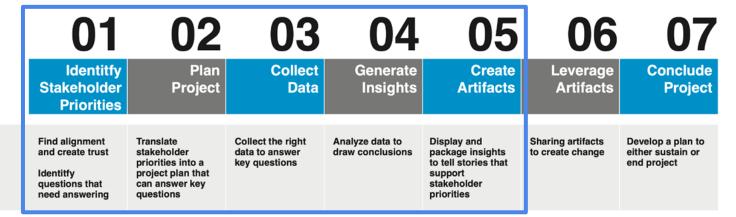


An Agile approach minimizes risk



GOALS

An Agile approach minimizes risk



Do you have the right sensors?

Are they functioning?

Are they in the right places?

Are data being collected and managed as anticipated?

Are you getting the data you need?

Do the data help you answer key questions?

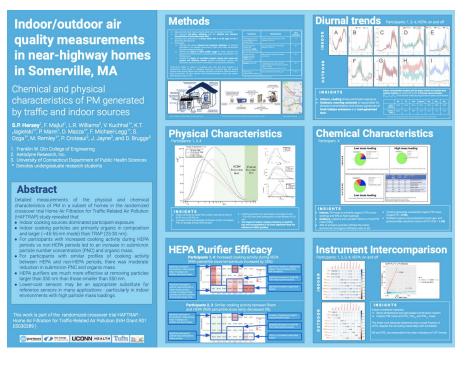
Do residents view sensors as a threat?

. . .

GOALS

Poster Session this afternoon





Poster 34 Poster 36