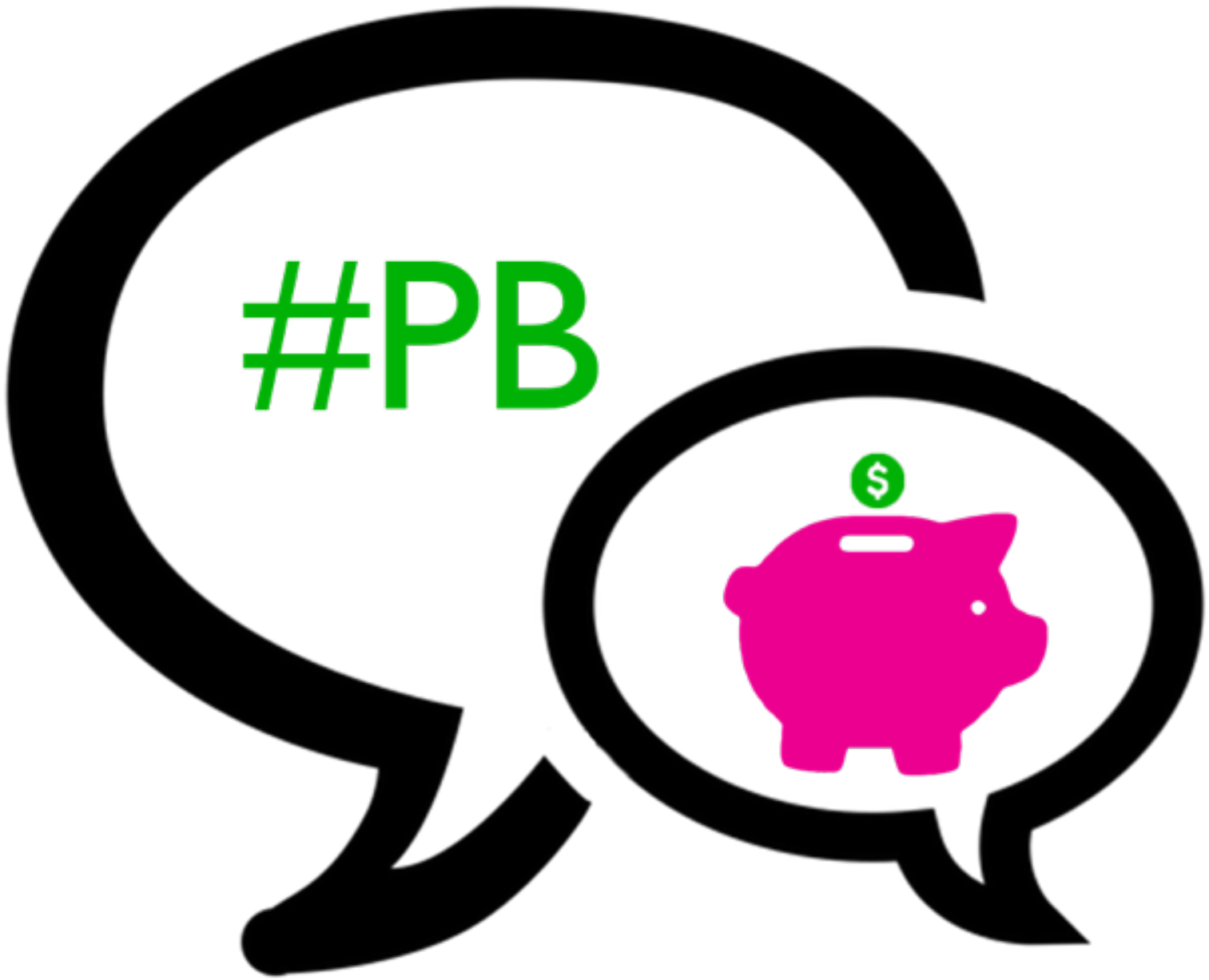


Your budget. Your ideas. Your choice.

THE CLIENT

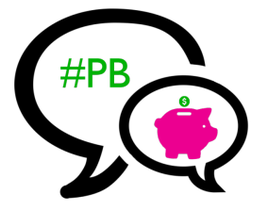
PARTICIPATORY BUDGETING PROJECT

Empowering citizens to decide together how to spend public money through a democratic process

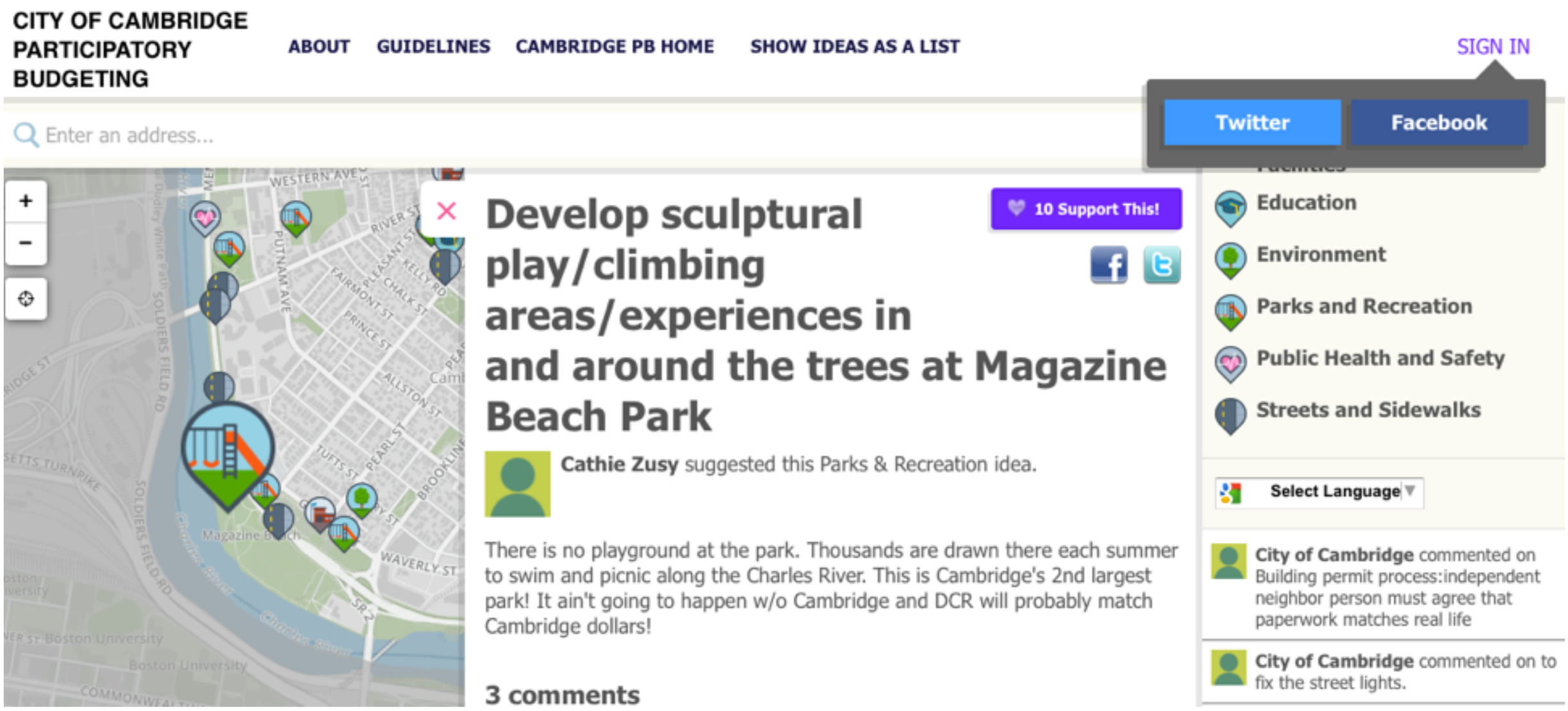
THE TASK

Leverage social media to

- "Meet people where they are"
- Crowdsource diverse opinions
- Enhance awareness of PB



CURRENT PB PROCESS



CURRENT PB PROCESS

CITY OF CAMBRIDGE PARTICIPATORY BUDGETING

ABOUT GUIDELINES CAMBRIDGE PB HOME SHOW ON A MAP SIGN IN

Search... SEARCH

MOST RECENT | MOST SUPPORTS | MOST COMMENTS

Remove & Replace all 'CEMUSA' advertising "bus shelters"; start w. any less than 5 ft from st wall

4 Support This!

James Williamson suggested this Streets & Sidewalks idea near 1000 Massachusetts Avenue.

These "illuminated advertising opportunities, disguised as bus shelters" are an unnecessary visual, aesthetic, and commercial blight on our urban environment.They are also actually virtually useless in providing any decent shelter for the bus riding public: super-short metal "seat" (cold in winter); vertical and lower side gaps that allow winds and rain, etc.; bright illumination ADS next to where one might otherwise like to comfortably sit; blocking of useful sidewalk space in several locations (e.g., 1000 Mass. Ave.; Green & Magazine [2]; etc...) Cambridge can do better! (We can also afford to, if necessary.) Arlington rejected these atro-cities; we should, too! We can turn replacement shelters into an opportunity for community-engaged, neighborhood-based art/design projects for beautiful shelter for Cambridge!

VIEW ON MAP

Help Somerville repair the length of Beacon between Inman and Porter

5 Support This!

James Williamson suggested this Streets & Sidewalks idea near Beacon Street.

For nearly seven years this stretch of street ("state road"?) has been one long disgraceful pothole. Destroying Cambridge cars and MBTA buses (and passengers!) Cambridge have the $$$, but technically, almost all of the street is in poorer Somerville. Can we partner with them to get this finally -- and finely -- fixed? Cycle Track planned by Somer for this year is now postponed 'til next; what else is needed here? Reduced speed limit, for one: 25 mph Max.! What else??

VIEW ON MAP

CONCEPT

Leverage social media to crowd source ideas in a easy, simple way

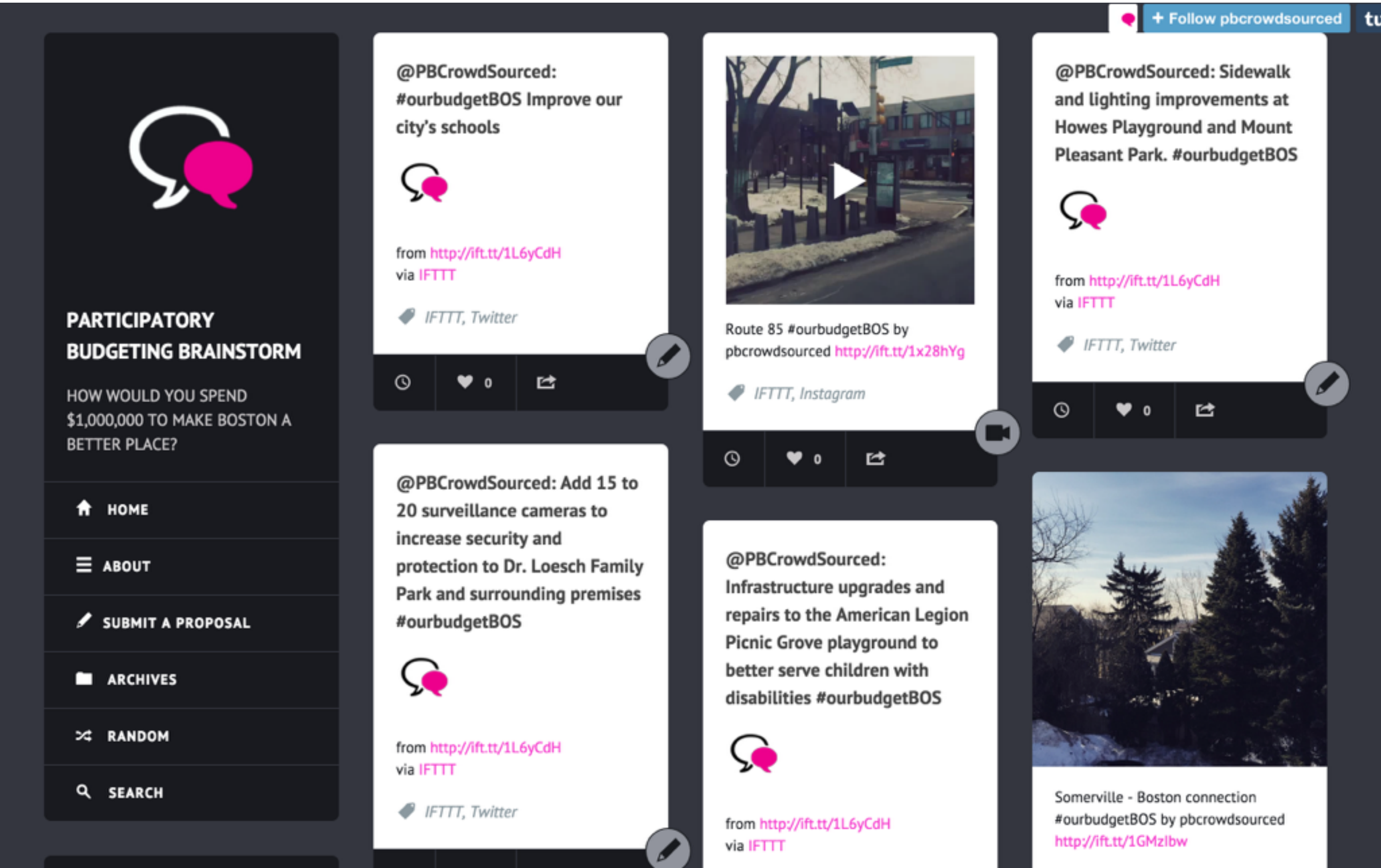
Create a virtual “brainstorming" session where all the ideas come together

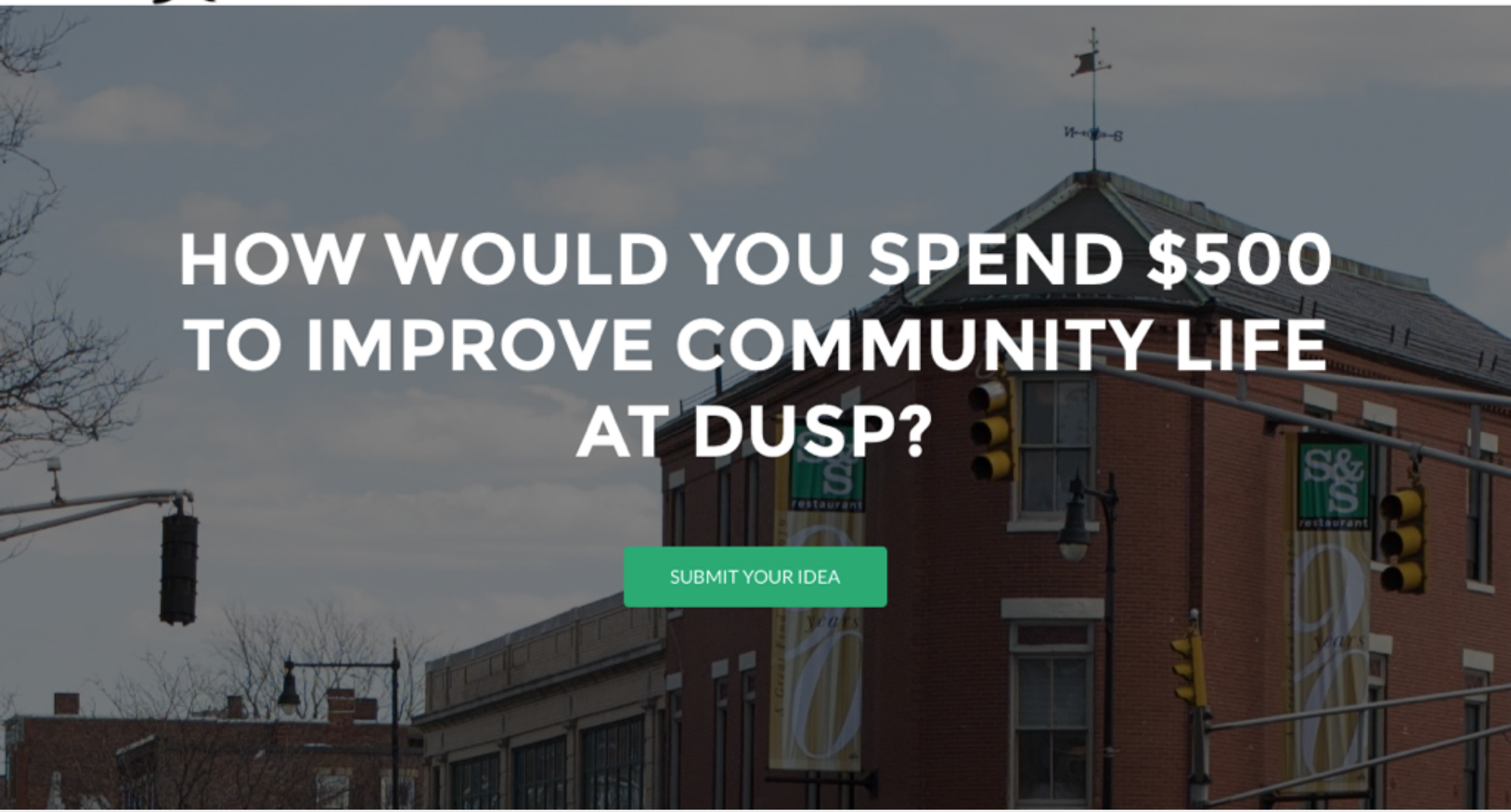
Break down barriers to entry

Encourage creative engagement

IDENTITY

HOW WE STARTED





HOW WOULD YOU SPEND $500 TO IMPROVE COMMUNITY LIFE AT DUSP?

SUBMIT YOUR IDEA

IDEA FACTORY

Check out what others have suggested

Powered by Juicer

PBCrowdSourced 7d

Sofia: "LOVE the Bouncy Castle Idea. Would add Bouncy Slide. Also, community spa day. I've seen ones that are under 15 per person." #PBDUSP

0 0

deejisaak 7d

Lets fly kites! #pbdusp

0 0

kdyzjsem 8d

moodyconan 7d

I also 2nd the beach/bonfire extravaganza! A mix of activities under the sun... #pbdusp

0 0

PBCrowdSourced 7d

EM said: "DUSP Water Bottles!" #PBDUSP

0 0

kdyzjsem 8d

PBCrowdSourced 7d

Davy James said: "Bouncy Castle!! You're never too old." #PBDUSP

0 0

PBCrowdSourced 7d

Julie said: "Outdoor picnic at a park, boat trip, beach trip, swap-of-things, and reflection space." #PBDUSP

0 0

jsharvey711 8d

SUBMITTED IDEAS

MASSAGE FOR STRESS RELIEF

Hire a massage therapist to come to DUSP for an afternoon

WATER THE PLANTS AT CRON

The plants need water

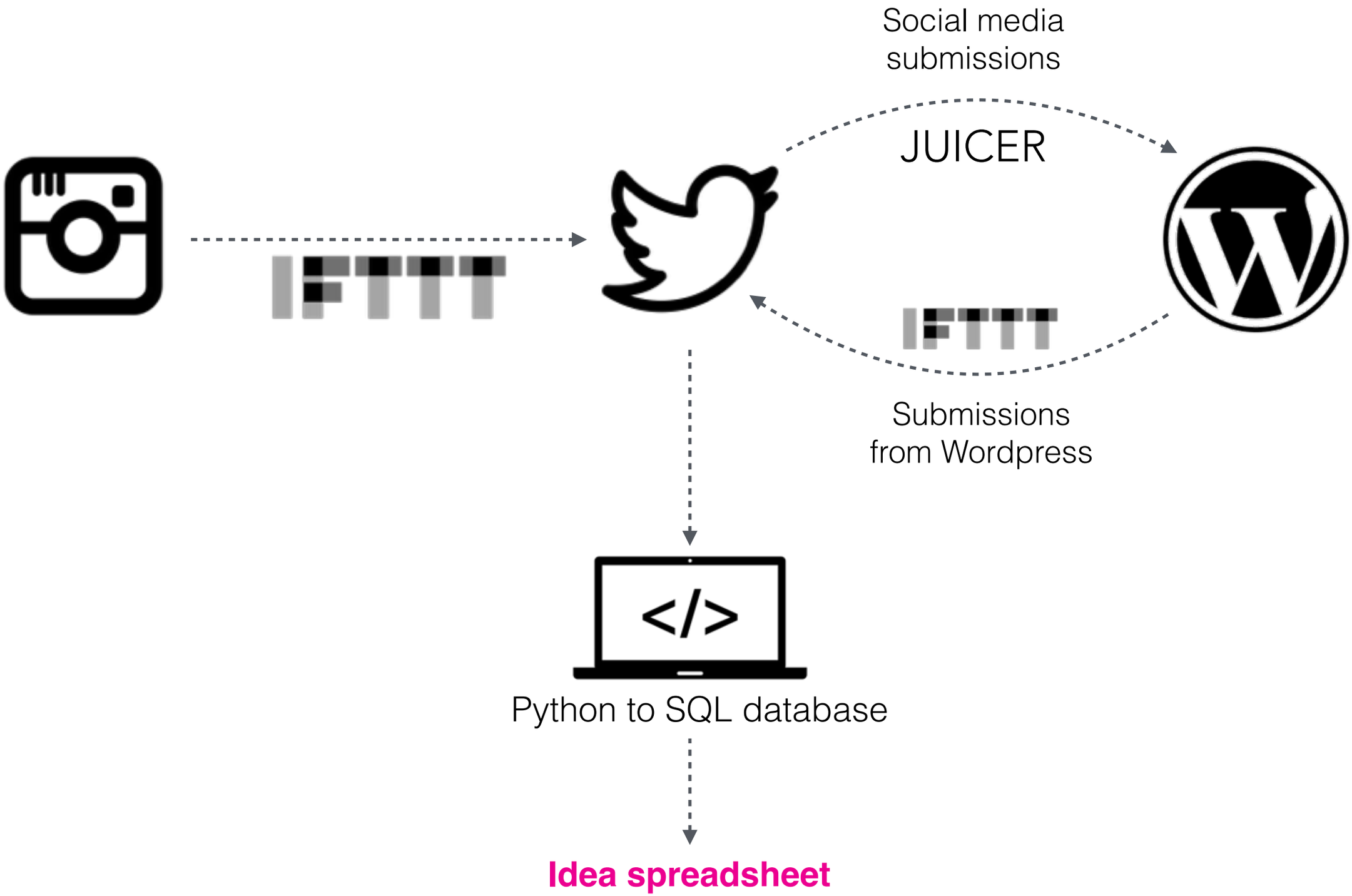
BLOCK PARTY

Community block party for each neighborhood!

RAIN GARDENS!

Install rain gardens to prevent stormwater runoff.

How Does it Work?



What about Web Mapping?

1. Not all ideas have a specific location

2. Social media posts are most likely not geolocated

3. Cluttered display

4. Challenges with Shareabouts API

ROADMAP FOR PROCESS INTEGRATION

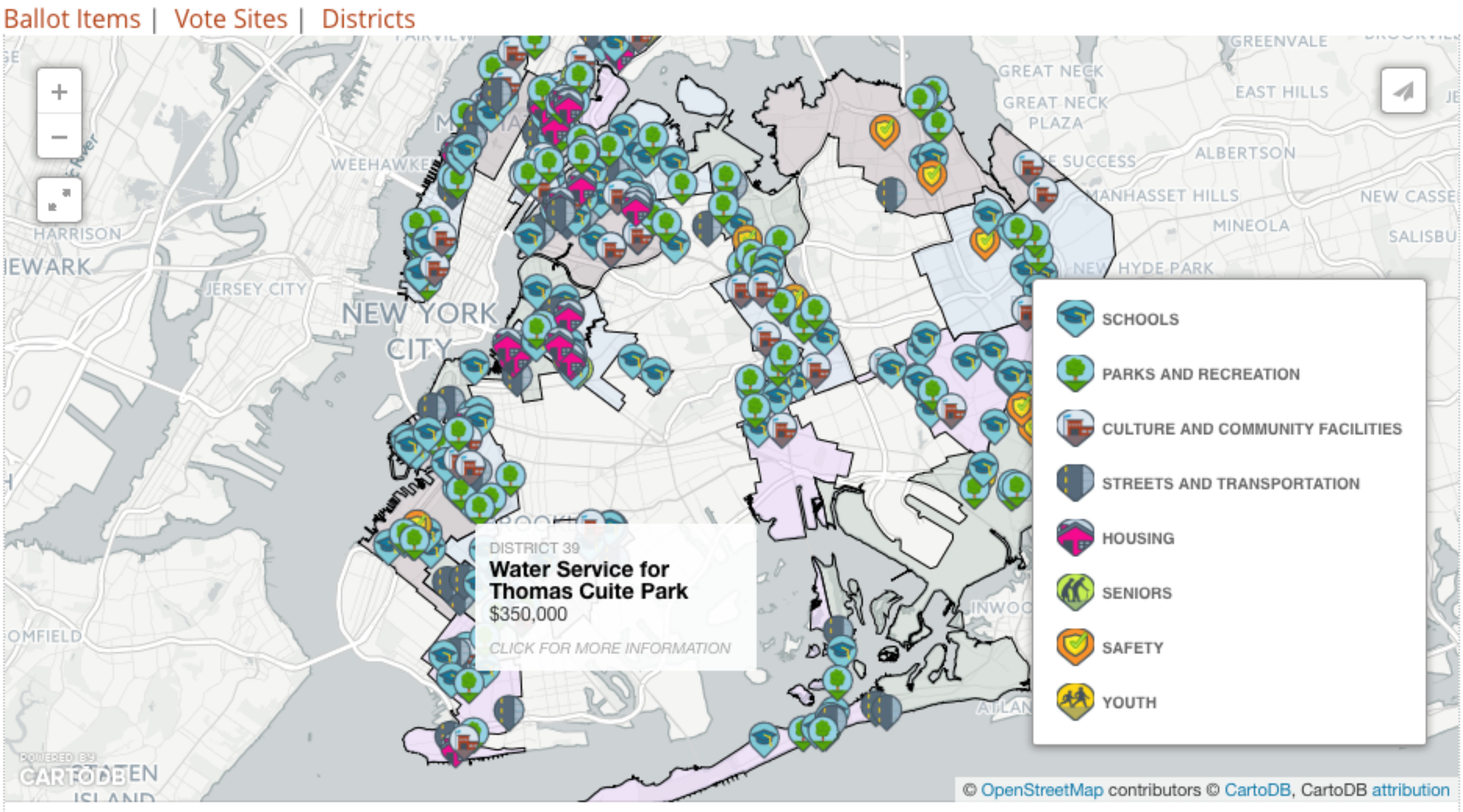
Online idea generation brainstorm & in-person meetings

Delegates follow up on ideas and respond to participants

Ideas are developed into more robust proposals

Voting

EXAMPLE: NYC BALLOT ITEMS MAP



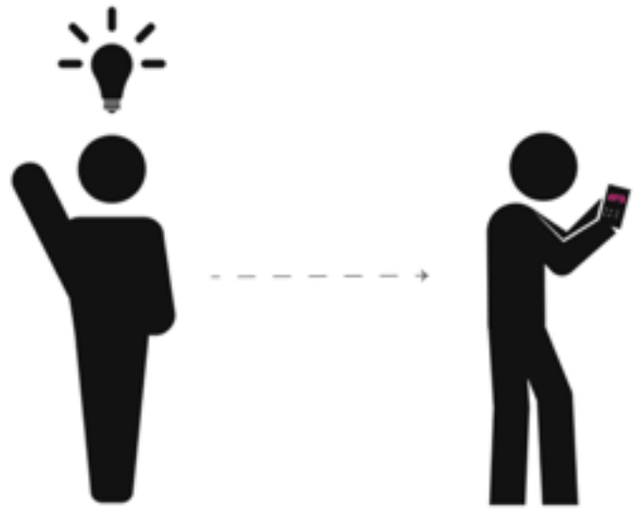
OUTREACH

ONLINE

- Email flyers to partners and stakeholders' mailing lists
- Social media campaign
- Engage relevant partners on social media and leverage their own networks

OFFLINE

- Photo contests at pop-up events
- Encourage live tweeting of ideas in public assemblies
- Flyers & Stickers

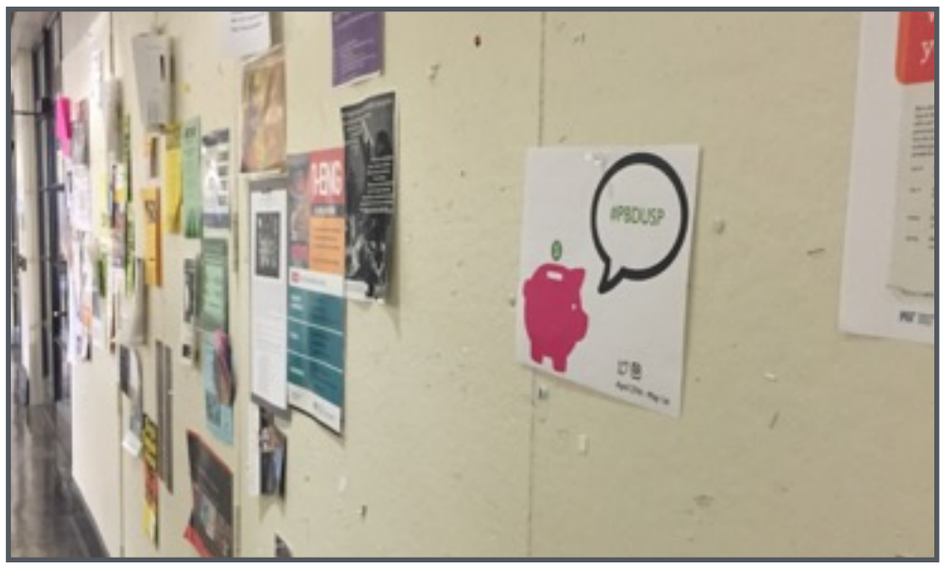


What's your idea?

#PBDUSP

April 27th - May 1st

#PBDUSP


#PBDUSP

What's your idea?
#PBDUSP
#PB
Your budget. Your ideas. Your choice.
pbcrowdsourced.tumblr.com

#PBDUSP

Hannah Payne
27 avril, à 21:01

Take part in DSC's participatory budgeting process! Share your ideas on social media using #pbDUSP by Friday and be on the lookout for voting of the weekend. Tell us how you would celebrate the end of the semester or improve student life at DUSP!

Je n'aime plus · Commenter

Rida Qadri, Jenna Harvey, Sasha Shyduroff, 4 autres personnes et vous aimez ça.

Vu par 69 personnes

Votre commentaire...

Isadora Cruxên
Hier à 19:06

Thanks to everyone who has contributed ideas to #PBDUSP! Idea submission continues until Friday. Tell us how you would celebrate the end of the semester or improve student life at DUSP through Twitter or Instagram. Also, check out what others have suggested at pbcrowdsourced.tumblr.com

J'aime · Commenter

Libbie Dina Cohn et Cate Mingoya aiment cela.

Vu par 52 personnes

Libbie Dina Cohn awesome
2 minutes · Je n'aime plus · 1

#PBDUSP RESULTS

19 ideas —— Twitter

02 ideas —— Instagram

10 ideas —— Online form

57 votes —— Google form

Follow Up

#PBDUSP Feedback

To Davidvb@mit.edu | Cc Bcc

#PBDUSP Feedback

Hello David,

Thank You for your #PBDUSP Idea Submission! Please fill out our feedback form to help inform our work: http://bit.ly/1c0LfHp

Thank You!

Sans Serif | Send

Tweet to Elise Selinger

@selingerE Thank You for your #PBDUSP Submission! Please fill out this feedback form to help inform our work: http://bit.ly/1EUEeDk

Add photo | Location disabled | 7 | Tweet

LESSONS LEARNED

PARTICIPATION

Quick & easy participation

Provide options

Voting is popular

SOCIAL MEDIA

Twitter works

Facebook for outreach

Private accounts

OUTREACH

Online & targeted engagement work

Piggy Bank popular

Flyers & Stickers

Word of mouth

LESSONS LEARNED

PARTICIPATION

Quick & easy participation

Provide options

Voting is popular

SOCIAL MEDIA

Twitter works

Facebook for outreach

Private accounts

OUTREACH

Online & targeted engagement work

Piggy Bank popular

Flyers & Stickers

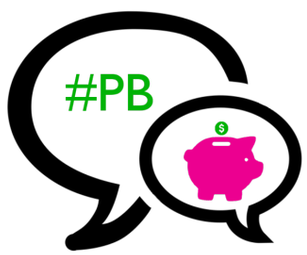
Word of mouth

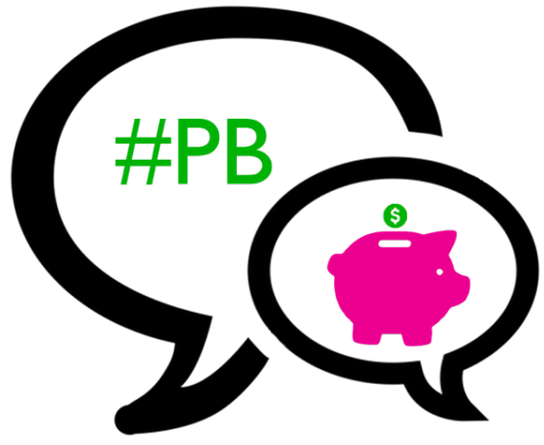
Success! DSC wants to do this again!

#PB

The Road Ahead

- Develop website usability and interactivity
- Reconsider role of web mapping in the process
- Share with city partners & gauge interest in social media integration
- Leverage existing surveys to gather information on social media practices





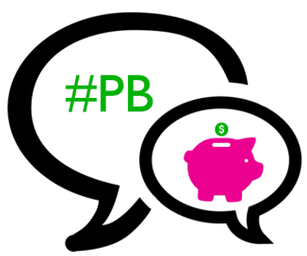
THANK YOU!

@pbcrowdsourced

wordpress.hannhapayne.webfactional.com

pbcrowdsourced.tumblr.com

COMPLEMENTARY SLIDES



INSPIRATION

#PBDUSP TUMBLR

#PBDUSP

HOW WOULD YOU SPEND DSC'S MONEY TO CELEBRATE THE END OF THE SEMESTER?

- HOME
- ABOUT
- SUBMIT AN IDEA
- ARCHIVES
- RANDOM
- SEARCH

Edit theme | Das

@PBCrowdSourced: Sofia: "LOVE the Bouncy Castle Idea. Would add Bouncy Slide. Also, community spa day. I've seen ones that are under 15 per person." #PBDUSP

from http://twitter.com/PBCrowdSourced via IFTTT

IFTTT, Twitter

0

@moodyconan: I also 2nd the beach/bonfire extravaganza! A mix of activities under the sun... #pbdusp

from http://twitter.com/moodyconan via IFTTT

IFTTT, Twitter

1

@PBCrowdSourced: Davy James said: "Bouncy Castle!! You're never too old." #PBDUSP

from http://twitter.com/PBCrowdSourced via IFTTT

IFTTT, Twitter

0

@PBCrowdSourced: EM said: "DUSP Water Bottles!" #PBDUSP

from http://twitter.com/PBCrowdSourced via IFTTT

@PBCrowdSourced: Julie said: "Outdoor picnic at a park, boat trip, beach trip, swap-of-things, and reflection space." #PBDUSP

from http://twitter.com/PBCrowdSourced via IFTTT

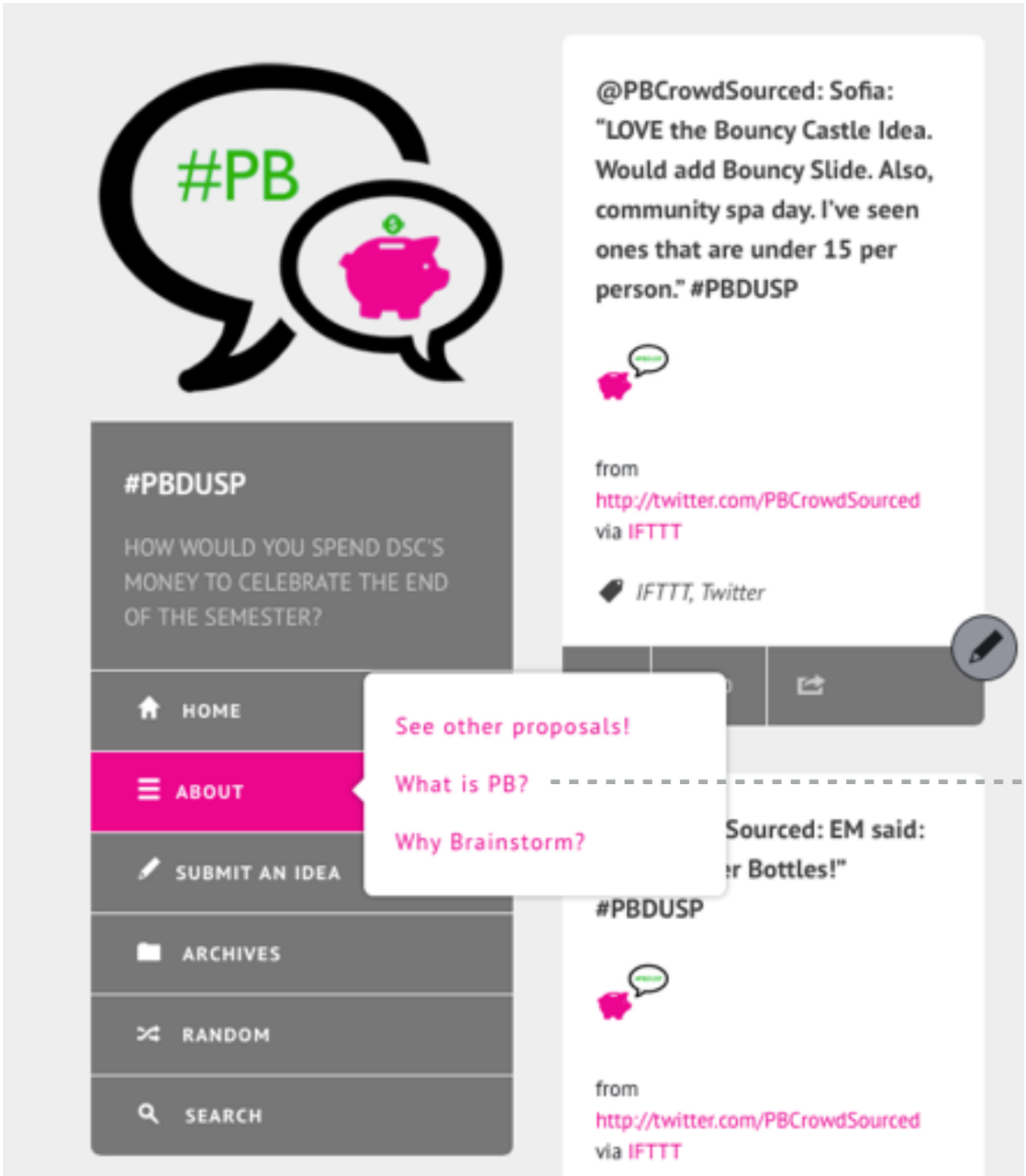
IFTTT, Twitter

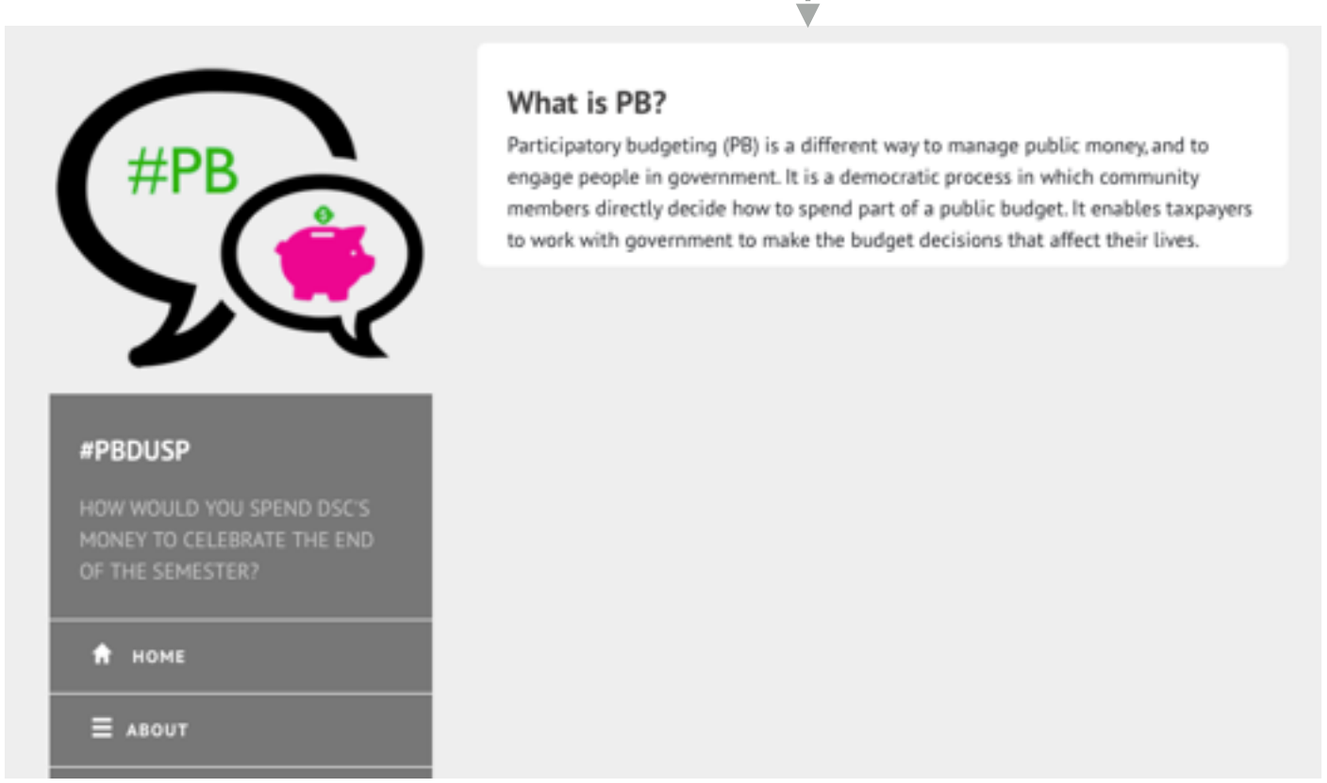
@deejisaak: Lets fly kites! #pbdusp

from http://twitter.com/deejisaak via IFTTT

IFTTT, Twitter

0


#PB
#PBDUSP
HOW WOULD YOU SPEND DSC'S MONEY TO CELEBRATE THE END OF THE SEMESTER?
HOME
ABOUT
SUBMIT AN IDEA
ARCHIVES
RANDOM
SEARCH
See other proposals!
What is PB?
Why Brainstorm?
@PBCrowdSourced: Sofia: "LOVE the Bouncy Castle Idea. Would add Bouncy Slide. Also, community spa day. I've seen ones that are under 15 per person." #PBDUSP
from http://twitter.com/PBCrowdSourced via IFTTT
IFTTT, Twitter
Sourced: EM said:
r Bottles!"
#PBDUSP
from http://twitter.com/PBCrowdSourced via IFTTT


#PB
#PBDUSP
HOW WOULD YOU SPEND DSC'S MONEY TO CELEBRATE THE END OF THE SEMESTER?
HOME
ABOUT
What is PB?
Participatory budgeting (PB) is a different way to manage public money, and to engage people in government. It is a democratic process in which community members directly decide how to spend part of a public budget. It enables taxpayers to work with government to make the budget decisions that affect their lives.

PYTHON SCRIPT

dusp_twitter_run.py

```
import sys
import urllib
import string
import simplejson
import sqlite3

import time
import datetime
from pprint import pprint

import sqlalchemy
from sqlalchemy.orm import mapper, sessionmaker
from sqlalchemy import Column, Integer, String, ForeignKey, Text, DateTime, Float
from sqlalchemy.ext.declarative import declarative_base
from sqlalchemy import Unicode #
from sqlalchemy import Text #

from sqlalchemy import DECIMAL
from sqlalchemy import Unicode


from sqlalchemy.sql import join
from types import *

from datetime import datetime, date, time

ids = ['PBDUSP',] # enter your search terms

from twython import Twython
t = Twython(app_key='mLjQCacQf6hNZsJ5h89pYSJif',       #REPLACE 'APP_KEY' WITH YOUR APP KEY, ETC., IN THE NEXT 4 LINES
    app_secret='ODGdvDU52h2SmwUFA0PalecU6jh8rMqPG9NIZO5IzY8KGvewes',
    oauth_token='71853930-yby521NSr0kLDfjYQCmmiayzHUbf0ic1E1davSGWy',
    oauth_token_secret='6l1M02EJYFIYVS9qgLBxDzOYx2jqD877Wbyq94oI7I2VM')

Base = declarative_base()


class Messages(Base):
    __tablename__ = 'dusp_pb'

    id = Column(Integer, primary_key=True)
    query = Column(String)
    tweet_id = Column(String)
    coordinates = Column(String)
    retweeted_status = Column(String)
    created_at = Column(DateTime)
    content = Column(Text)
    from_user_screen_name = Column(String)
    from_user_id = Column(String)
    from_user_location = Column(String)
```

#PBDUSP FINAL SPREADSHEET

	A	B	C	D	E	F	G	H	I	J
1	id_script	query	id	geometry	retweeted_status	created_datetime	description	submitter_name	user_token	locationadminArea1
2	1	PBDUSP	5.9283E+17			07:54.0	COFFEE MACHINE! #PBDUSP by ridaq4 http	PBCrowdSourced	3084345429	
3	2	PBDUSP	5.9283E+17			07:53.0	Water dispenser #PBDUSP by ridaq4 http://	PBCrowdSourced	3084345429	
4	3	PBDUSP	5.9282E+17		THIS IS A RETWEET	18:46.0	RT @PBCrowdSourced: And we're off! #PBD	Cruxen	71853930	Brasil
5	4	PBDUSP	5.9277E+17	0.0, 0.0		34:03.0	I 2nd a beach trip! To the Cape? How about	MatthewWillner	921318020	Somerville, MA
6	5	PBDUSP	5.9276E+17			40:44.0	Join the participatory budgeting process for	hspayne9	1130132642	Cambridge, MA
7	6	PBDUSP	5.9276E+17			38:48.0	Let's celebrate the end of the year with a da	hspayne9	1130132642	Cambridge, MA
8	7	PBDUSP	5.927E+17			46:26.0	#PBDUSP Organize a DUSP potluck	Cruxen	71853930	Brasil
9	8	PBDUSP	5.927E+17			25:56.0	And we're off! #PBDUSP by pbcrowdsource	PBCrowdSourced	3084345429	
10	9	PBDUSP	5.9254E+17	-71.1148398, 42.3667445		15:42.0	#PBDusp	FayrouzSaad	373694564	Cambridge, MA
11	10	PBDUSP	5.9242E+17		THIS IS A RETWEET	01:06.0	RT @PBCrowdSourced: #PBDUSP starting so	hspayne9	1130132642	Cambridge, MA
12	11	PBDUSP	5.9177E+17			24:08.0	#PBDUSP starting soon. Who wants a sticke	PBCrowdSourced	3084345429	
13	12	PBDUSP	5.9177E+17			08:41.0	#PBDUSP Starting soon!	PBCrowdSourced	3084345429	
14	13	PBDUSP	5.9308E+17			56:39.0	Espresso machine! #pbDUSP	jnmssant	108533056	MÃ©xico D.F.
15	14	PBDUSP	5.9307E+17			54:25.0	#pbDUSP seriously, though, a picnic or a be	BourbonPlanning	1623182724	
16	15	PBDUSP	5.9307E+17			53:49.0	#pbDUSP materials for building a gigantic th	BourbonPlanning	1623182724	
17	16	PBDUSP	5.9306E+17			49:16.0	a coffee maker for the commons! #pbDUSP	GPS_NYC	255255104	Cambridge, MA
18	17	PBDUSP	5.9305E+17			09:38.0	Massage for stress relief submitted by stres	PBCrowdSourced	3084345429	
19	18	PBDUSP	5.9305E+17			39:11.0	Water the plants at CRON by Isa#pbdusp	PBCrowdSourced	3084345429	
20	19	PBDUSP	5.9291E+17	0.0, 0.0		16:06.0	White board for the student lounge; #pbdu	selingerE	1146845556	Cambridge, MA
21	20	PBDUSP	5.9313E+17			17:41.0	Some kind of late May outing to chill, reflec	rcall3	18900375	Boston
22	21	PBDUSP	5.931E+17			53:42.0	Also, the #pbDUSP poster's suggestion for a	kmblizzard	1014215778	Cambridge, MA
23	22	PBDUSP	5.9309E+17			48:40.0	DUSP outing! To a local beach or other dest	kmblizzard	1014215778	Cambridge, MA
24	23	PBDUSP	5.9361E+17			56:59.0	#pbdusp beach day!	jaharvey711	1402755625	
25	24	PBDUSP	5.9361E+17			56:56.0	Libbie (cont.): "making our academic, profe	PBCrowdSourced	3084345429	
26	25	PBDUSP	5.9361E+17			56:35.0	Libbie (cont.): "creating one would transfor	PBCrowdSourced	3084345429	
27	26	PBDUSP	5.9361E+17			55:41.0	Libbie (cont.): "to offer a community center	PBCrowdSourced	3084345429	
28	27	PBDUSP	5.9361E+17			54:36.0	Libbie said: "help move CO-LAB back to a m	PBCrowdSourced	3084345429	
29	28	PBDUSP	5.9361E+17			53:41.0	Jenna said: "beach day! or some kind of a g	PBCrowdSourced	3084345429	
30	29	PBDUSP	5.9361E+17			53:10.0	Libbie said: "White boards everywhere" #PB	PBCrowdSourced	3084345429	
31	30	PBDUSP	5.9361E+17			52:06.0	Rida said: "LOTS OF ICECREAM!" #PBDUSP	PBCrowdSourced	3084345429	
32	31	PBDUSP	5.9361E+17			51:37.0	Genea said: "One (or all, if feeling ambitious	PBCrowdSourced	3084345429	
33	32	PBDUSP	5.9361E+17			51:03.0	Dvb_Lab said: "Happy hour every Friday at	PBCrowdSourced	3084345429	
34	33	PBDUSP	5.9398E+17			32:22.0	EM said: "DUSP Water Bottles!" #PBDUSP	PBCrowdSourced	3084345429	
35	34	PBDUSP	5.9398E+17			31:58.0	Julie said: "Outdoor picnic at a park, boat tr	PBCrowdSourced	3084345429	
36	35	PBDUSP	5.9381E+17		THIS IS A RETWEET	54:50.0	RT @kdyzjsem: Picnic table for the building	DumasRaphael	515035625	Cambridge, MA
37	36	PBDUSP	5.938E+17			49:18.0	Picnic table for the building 9 plaza (no idea	kdyzjsem	49361906	Cambridge, MA
38	37	PBDUSP	5.938E+17			47:47.0	Love the DUSP outing/beach day idea! #pbc	kdyzjsem	49361906	Cambridge, MA
39	38	PBDUSP	5.942E+17			15:16.0	I also 2nd the beach/bonfire extravaganza!	moodyconan	50091541	Los Angeles
40	39	PBDUSP	5.9418E+17			45:33.0	Davy James said: "Bouncy Castle!! You're n	PBCrowdSourced	3084345429	
41	40	PBDUSP	5.9414E+17			46:46.0	Lets fly kites! #pbdusp	deejisaak	1501773775	District of Columbia
42	41	PBDUSP	5.9431E+17			09:23.0	Sofia: "LOVE the Bouncy Castle Idea. Would	PBCrowdSourced	3084345429	

	SHAREABOUTS	USHAHIDI
Platform	Web	Web + Mobile
Mapping Platform	Leaflet	Open Layers
Data Collection	Web + Smartphones	SMS + Web + Smartphones
Social Media	Twitter + Facebook login	Twitter integration + RSS feeds
Functionality	Visually pleasing user interface / unfriendly management	Less appealing layout / easy-to-use platform to develop and manage