

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

Expanding Consul

MediaLab Prado 2018 Collective Intelligence



The Proposal

Here's a list of improvements that could be made to Consul to make it a more powerful tool for participatory budgeting:

- Project Groups
- Data Dashboards
- Improved Mapping
- Ranked Choice Voting
- Paper Ballots
- Project Profiles
- Implementing Projects Transparently
- PB Configuration Wizard
- Marketing Materials for PB in Consul
- Voting Machine Interface



Day 0

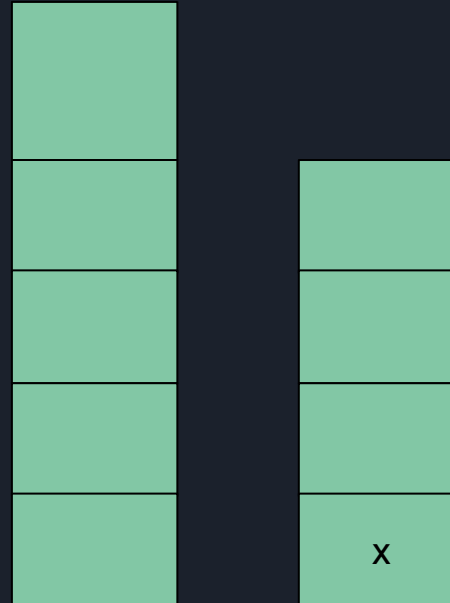
Team

3 Software Developers

1 Product Manager/Producer

2 Communications People

Location





Day 1

Team

3 Software Developers


1 Product Manager/Producer

Our two Communications people went to other projects.

We co-located ourselves with the other project working with Consul.

Location





What do we do with a team full of software developers?

Project 1	Project 2	Project 3	Project 4	Project 5
Developer	Comms	Developer	Comms	Developer
Developer	Comms	Project Mgmt	Facilitator	Comms
Developer	Designer	Designer	Project Mgmt	Developer
Project Mgmt	Facilitator	Comms	Comms	Project Mgmt
	Developer	Strategist	Designer	Designer
	Comms	Designer	Comms	Strategist

Help other projects with software needs!





What if we all organized this way?

Project 1	Project 2	Project 3	Project 4	Project 5
Developer	Comms	Developer	Comms	Developer
Developer	Comms	Project Mgmt	Facilitator	Comms
Developer	Designer	Designer	Project Mgmt	Developer
Project Mgmt	Facilitator	Comms	Comms	Project Mgmt
	Developer	Strategist	Designer	Designer
	Comms	Designer	Comms	Strategist



General Framework

Facilitators & Shared Infrastructure		Communities of Interest				
		Project 1	Project 2	Project 3	Project 4	Project 5
Communities of Practice	Developers					
	Comms					
	Designers					
	Project Mgmts					
	Facilitators					
	Strategists					

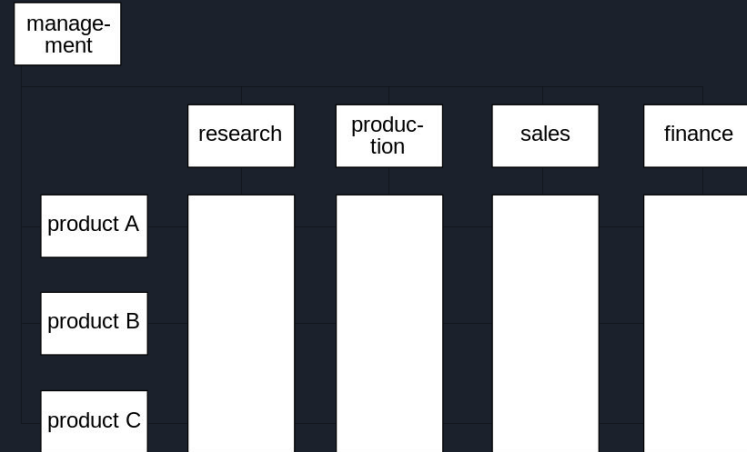
A “Matrix Organization”... Apparently.

From Wikipedia

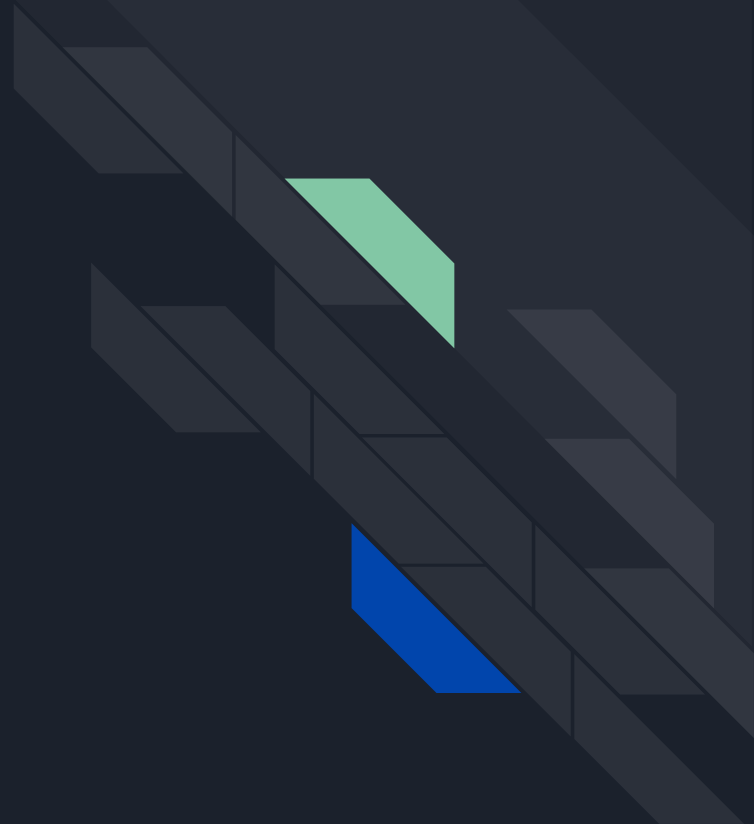
Matrix management

Strictly speaking, matrix management, which was "introduced in the 1970s in the context of competition"[1][2] is the practice of managing individuals with more than one reporting line (in a matrix organization structure), but it is also commonly used to describe managing cross functional, cross business group and other forms of working that cross the traditional vertical business units – often silos – of function and geography.”

https://en.wikipedia.org/wiki/Matrix_management



...back to our project!





Phase 0

Shared Goal: We Wanted to Make “Commits”

There's two ways to use/develop open source software:

- **Fork, deploy and modify it however you like.** This can result in a working product but the changes made to code won't be incorporated into the main project.
- **Develop modular elements for the main project.** This takes a lot longer but results in “commits” to the main project that will be used every time the project's code is deployed.

Both approaches can result in the precise software solution you want, but only the latter approach takes a lot more time, requiring:

- Communication with core team
- Following established project coding convention
- Writing lots and lots of tests



Phase 1: Baseline Task

Everyone had to be able to deploy Consul and get prepared to submit commits to Github.

This required:

- Updating and installing computer programs on “local machines”
- Studying documentation that explains how to install the software
- Doing it. Testing it.
- Creating, updating Github profiles

We supported each other as we each went through these processes, allowing us to develop a working understanding of our skills, communication styles, etc.

Phase 2: First Projects

The product manager defined a set of tasks that could be achieved during the event, which would result in a feature that had been requested by Consul users and approved by the Consul core development team.

Feature: Adding a map and editable text area to the sidebar of Participatory Budgeting Headings (akak District Pages).

The screenshot displays the New York City Participatory Budgeting interface. The header includes the site name and navigation links for Admin, My activity, My account, and Sign out. Below the header, a search bar is present. The main content area is titled "Ideas submitted for: District 39 (Council Member Lander)" and indicates a budget of \$1,550,000. A red bar highlights the "TRENDING" section on the right sidebar, which lists categories like Parks and Environment, Education, Arts, Culture, and Community Facilities. The main list of ideas shows two entries: "Renovation of school bathrooms + water" and "Gym/exercise/yoga programs for women, preferably with machines", each with a date, team name, and category tags.

NEW YORK CITY
PARTICIPATORY BUDGETING

Admin My activity My account Sign out

Participatory budgeting Search idea projects...

< Go back

Ideas submitted for: District 39 (Council Member Lander)
This district has a budget of
\$1,550,000

random recently added

Renovation of school bathrooms + water Idea
2018-10-31 • d39team • District 39 (Council Member Lander)
Renovation of school bathrooms + water fountains
Education

Gym/exercise/yoga programs for women, preferably with Idea
2018-10-31 • d39team • District 39 (Council Member Lander)
Gym/exercise/yoga programs for women, preferably with machines
Arts Culture and Community Facilities

TRENDING
Parks and Environment
Parks & Environment
Education Arts Culture
and Community Facilities
Transit Parks & Environment
Parks Parks & Environment
Arts & Culture

CATEGORIES
Culture & Community Facilities
Environment Housing
Parks & Recreation



Phase 2.1: How That Works

It starts with thinking: what is the smallest, useful change in code that moves this feature one step closer to done.

Rinse and repeat until the feature is outlined in a series of definable tasks.

For us: it was two.

Add Content Block to Heading Sidebar #3022



devinbalkind opened this issue 8 days ago · 1 comment

Add map to sidebar on Heading's page #3038



MatheusMiranda wants to merge 1 commit into `consul:master` from `MatheusMiranda:add_map_to_heading_page`

Display Content Block on Heading Page

Content block displays at the top of the right hand sidebar.

NEW YORK CITY
PARTICIPATORY BUDGETING

Admin ▾ | 🔔 | My activity | My account | Sign out

Participatory budgeting

Search idea projects... 🔍

[< Go back](#)

Ideas submitted for: District 39 (Council Member Lander)
This district has a budget of
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Arts Culture and Community Facilities

Links

- [District Profile](#)
- [Previously Proposed Projects](#)
- [Council Member Profile](#)

TRENDING

Parks and Environment

Parks & Environment

Education Arts Culture

and Community Facilities

Transit Parks & Environment

Parks Parks & amp

Arts & Culture

CATEGORIES

Culture & Community Facilities

Activate Content Block for a Heading

Add option to insert content blocks in heading sidebar.

Language: English Go back to PBNYC

PBNYC
ADMINISTRATION

[Voting booths](#) >

[Participatory budgets](#)

[Messages to users](#) >

[Site content](#) >

[Signature Sheets](#)

[Moderated content](#) >

[Profiles](#) >

[Statistics](#)

[Settings](#) >

[< Go back](#)

PBNYC 2018

1 Group of budget headings [Add new group](#)

City Council Districts Maximum number of headings in which a user can vote 1 of 2 [Add heading](#) [Edit group](#)

Heading	Amount	Population	Actions
Heading name			
<input type="text" value="District 39 (Council Member Lander)"/>			
Amount			
<input type="text" value="1550000"/>			
Population (optional) <small>This data is used exclusively to calculate the participation statistics</small>			
<input type="text" value="Population (optional)"/>			
Save heading			
District 33 (Council Member Levin)	\$1,520,000		Edit

Activate Content Block [y/n]

Generate the Content Block Name/Location

If activated, then the “header sidebar: header_name_x” appears as an options in content block section at admin/site_customization/content_blocks/new Content can be added there.

Language: English

Go back to PBNYC

PB
NYC

ADMINISTRATION

Admin

My activity

My account

Sign out

Voting booths

Participatory budgets

Messages to users

Site content

Signature Sheets

Moderated content

Profiles

Statistics

Settings

Global settings

Proposals topics

Manage geozones

Custom images

Custom content blocks

< Go back

Create new content block

Name

top_links

top_links

footer

budget_summary

heading_name_1

heading_name_2

heading_name_3

locale

en

Create Custom content block

Language: English

Go back to PBNYC

PB
NYC

ADMINISTRATION

Admin

My activity

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Moderated content

Profiles

Statistics

Settings

Global settings

Proposals topics

Manage geozones

Custom images

Custom content blocks

Content blocks

Create new content block

Information about content blocks

You can create HTML content blocks to be inserted in the header or the footer of your CONSUL.

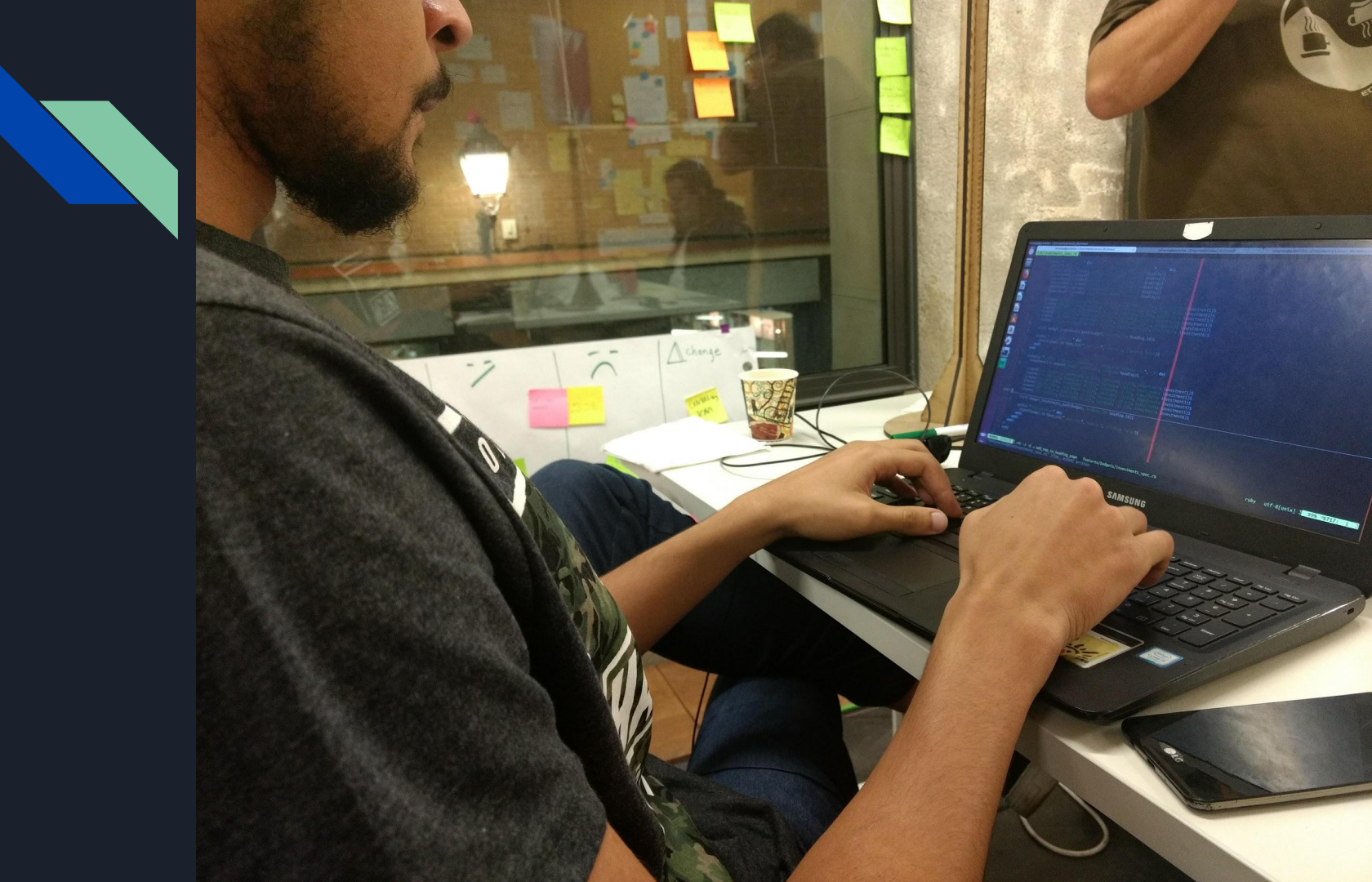
Header blocks (top_links) are blocks of links that must have this format:
Site 1
Site 2
Site 3

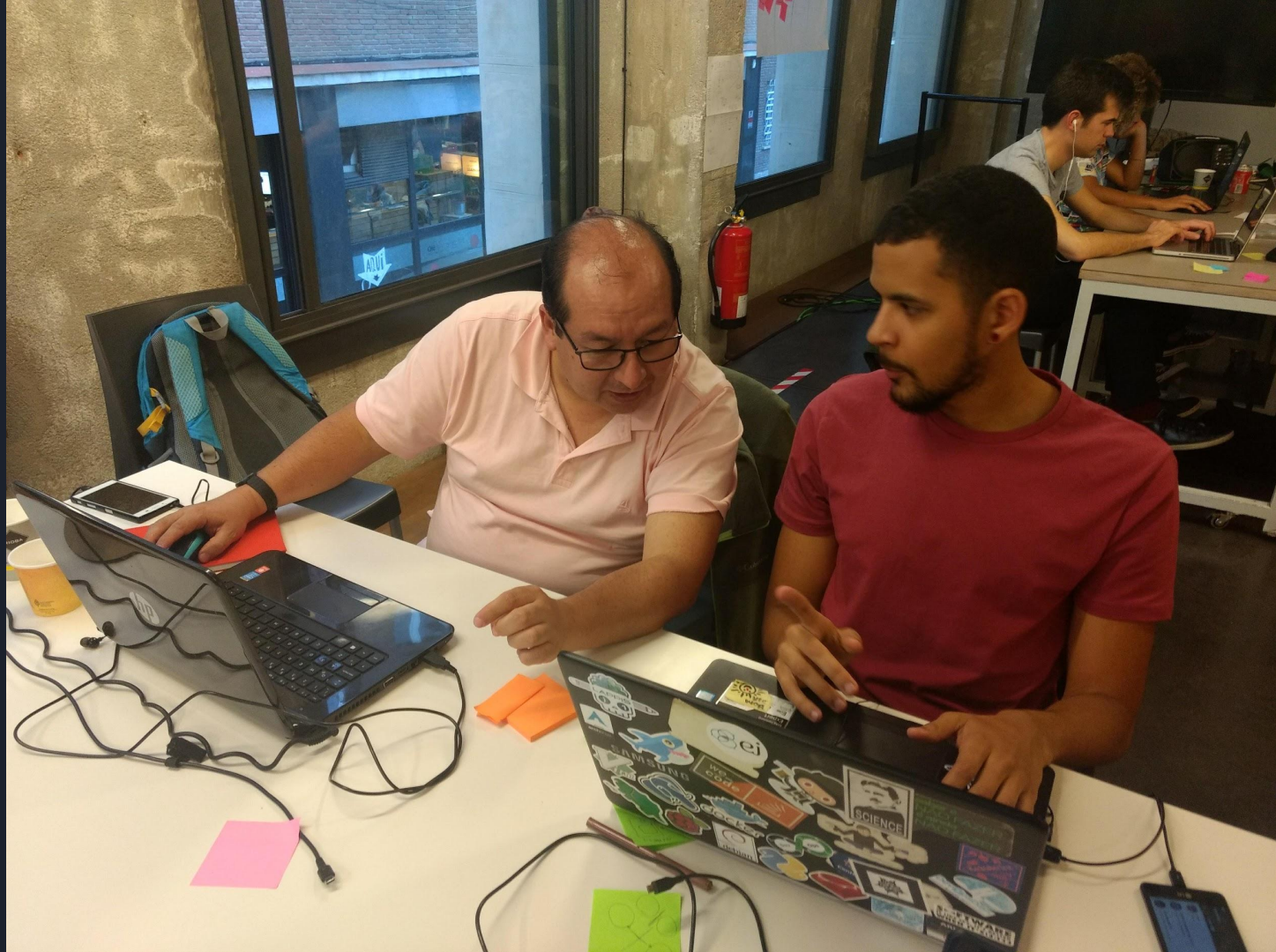
Footer blocks can have any format and can be used to insert Javascript, CSS or custom HTML.

Name	Body	Actions
budget_summary (en)	Participatory budgeting is a democratic process in which community members directly decide how to spend part of a public budget. New York City Council District 33 (Council Member Levin) and District 39 (Council Member Lander) include both expense projects and capital projects in participatory budgeting.	Delete block

New Content Blocks

New Content Blocks







Then... Code Review!

GitHub interface showing a pull request for "Add map to sidebar on Heading's page". The pull request is titled "Add map to sidebar on Heading's page" and is authored by MathewMiranda. It includes a description, references, objectives, and visual changes. The pull request is currently open and has 4 comments.

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And Victory!!



Admin ▾ My activity My account Sign out

Debates Proposals Voting Legislation processes **Participatory budgeting** Help

Search investment projects...

[Go back](#)

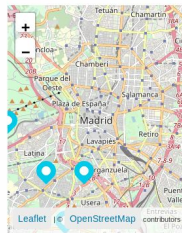
Investment projects with scope: East District

This heading have a budget of
€500,000

random

Advanced search

Create a budget investment



TRENDING

at voluptate reiciendis ea et

Commodi corrupti atque vitae.

2018-11-05 • Paul O. Fisher • East District

Enim fuga occaecati modi preferendis et est quos. Cumque sunt similique voluptas rerum cupiditate. Hic tenetur fugiat expedita quidem. Id sit nemo quis dolores aut.

et quia reiciendis

Odio expedita deleniti qui.

2018-11-10 • Mariana Grimes • East District

Eum inventore adipisci ab quisquam fuga. Occaecati laudantium cum animi id porro sed expedita. Molestiae ea molestias corporis quasi voluptatem. Molestias temporibus in labore voluptatum ratione. Ullam minima quo libero quo.

voluptate ea reprehenderit

Debates Proposals Voting Legislation processes **Participatory budgeting** Help

Search investment projects...

[Go back](#)

Investment projects with scope: El Centro

This heading have a budget of
€666

random highest rated

Advanced search

The Center of Madrid is an important place.

[District Profile](#)

[Active Proposals](#)

[Previously Funded Projects](#)

TRENDING

CATEGORIES

Phase 3

CONSULTED
solutions

To the website!
consulted.solutions

