



Change the traditional voting method to discover points of consensus and controversy

(and much more)

October 13, 2018

ABOUT D21

D21 is a civic tech-advisory enterprise which powers consensus-driven decision-making in any community.

- D21 has developed a suite of online products featuring its hallmark state of the art voting methodology.
- Our multi-disciplinary team consists of 35 people in **Prague, Paris and New York** using expertise in policy design and stakeholder engagement for projects with cities, schools, civil society, and governments worldwide.
- We have worked on more than **265 projects** on **4 different continents**, engaging over **700 000 participants and voters**.



CURRENT SITUATION

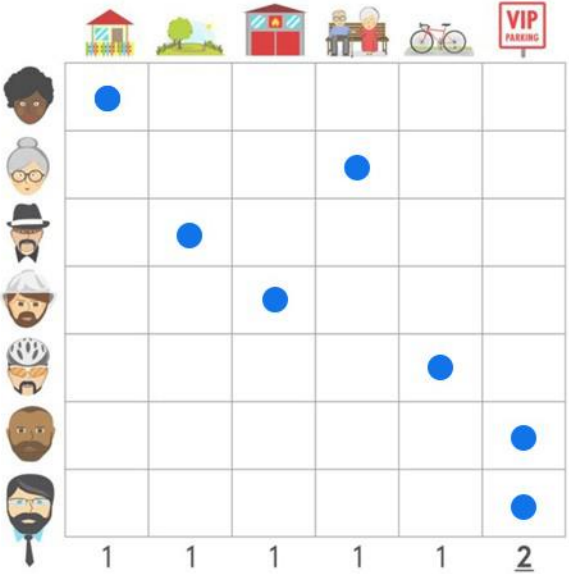
There is a **growing frustration** among citizens.

People feel like their real preferences hardly ever matter and that an organized minority can override their decision.

So they either do not participate in elections or vote strategically.



SCENARIO A: ONE PERSON ONE VOTE



SCENARIO B: EFFECT OF TWO POSITIVE VOTES



						
	●	●				
			●	●		
	●	●				
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	●				●	
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	<u>4</u>	2	3	2	1	2

SCENARIO B: EFFECT OF A NEGATIVE VOTE



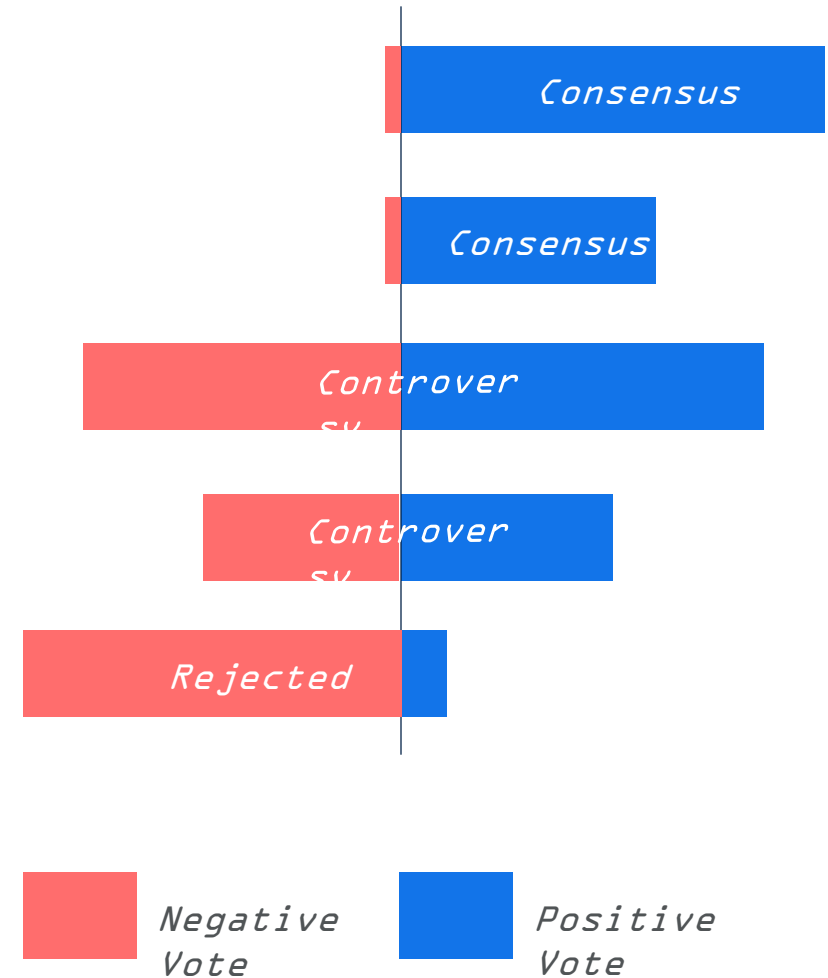
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			●	●	●	
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	<u>3</u>	2	1	2	0	-1

VOTING SYSTEM: JANEČEK METHOD

Traditional forms of voting built on a binary logic generate frustration among voters.

For this reason, we have developed a voting system that enables voters to cast votes for and against multiple options. **This approach makes it possible to quickly identify points of consensus and controversy and refine the policies and response measures based on the public opinion.**

Our voting algorithm has been tested and certified by a team of teacher-researchers from Stanford and Cambridge Universities.



A large crowd of people sitting in bleachers, viewed from behind, with a blue overlay. The text "How does it work in practice?" is centered in the middle of the image.

How does it work in practice?

PB PRAGUE 5: OVERVIEW

Sociodemographic data

VOTERS

571

VOTING FORMAT

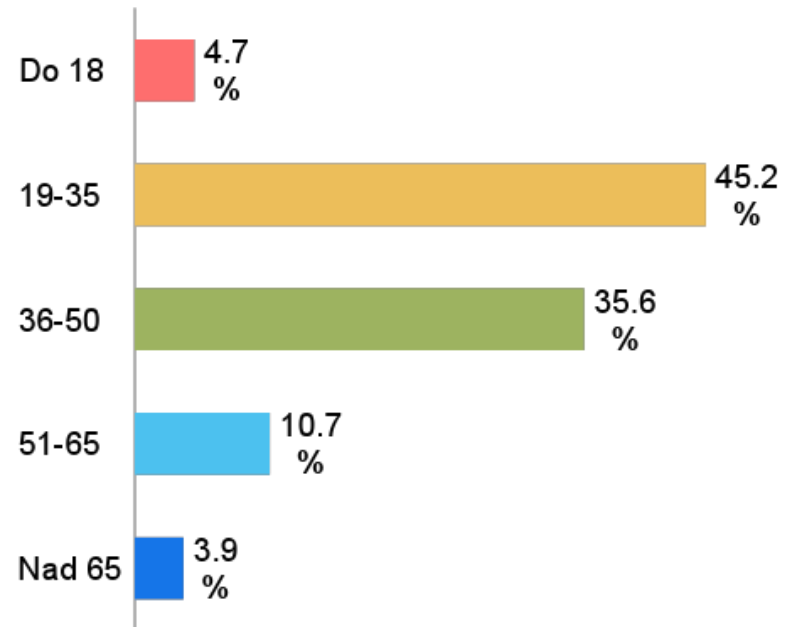
100 %



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SMS VERIFICATION

AGE



GENDER



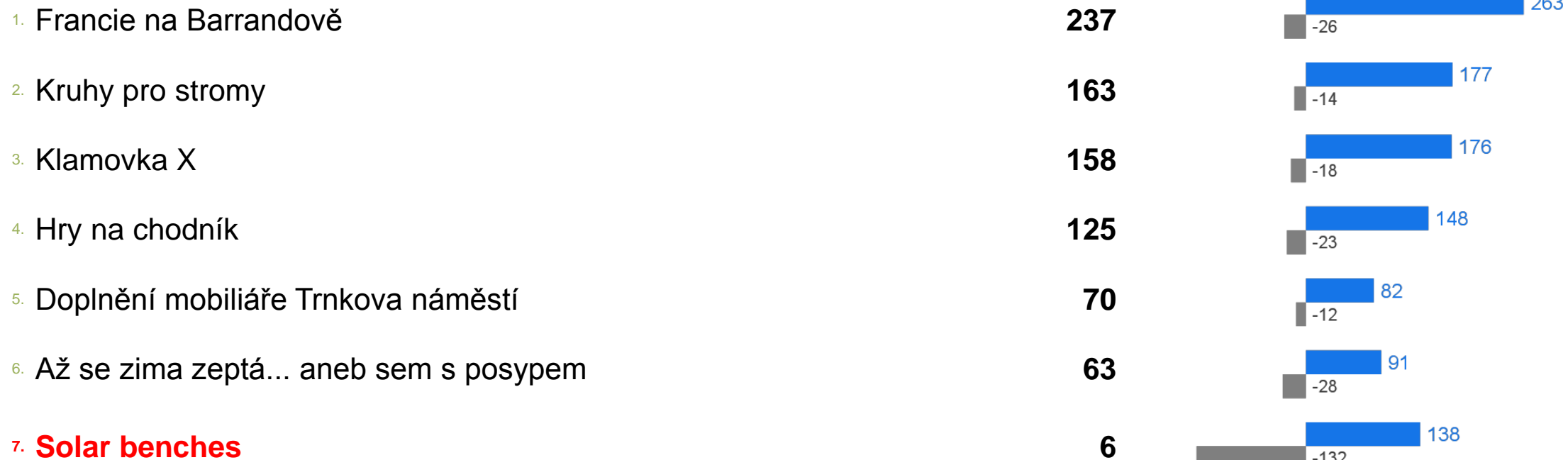
VOTING DAYS

21

18.10.-8.11.2017

PB PREGUE 5: RESULTS

Which project would you like to see implemented?



PB PRAGUE 5: SOLAR BENCHES

Eco solar bench for public space with Wi-Fi connection and a charging station.

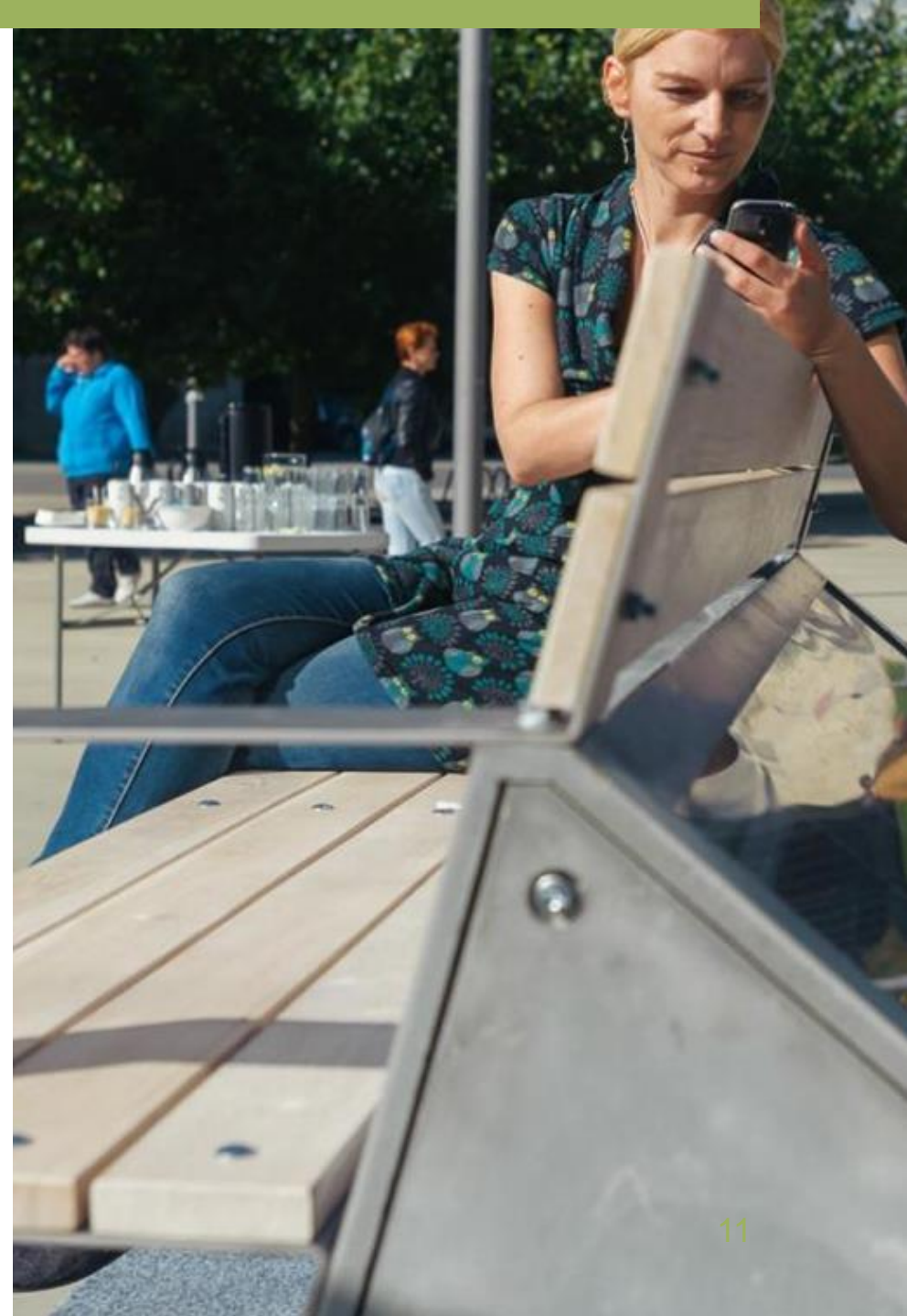
24%

HLASUJÍCÍCH HLASOVALO
PRO TUTO MOŽNOST

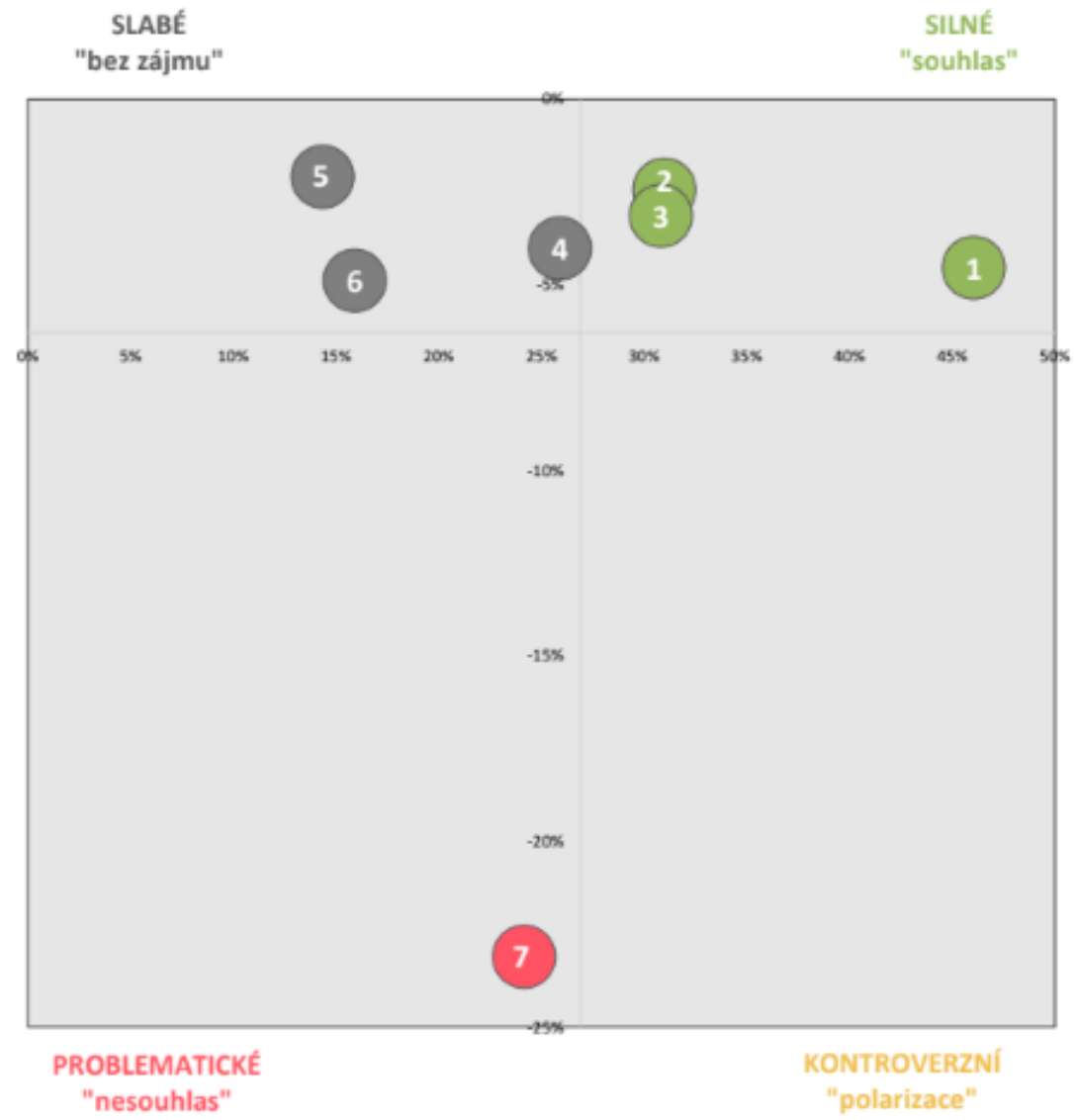
23%

HLASUJÍCÍCH HLASOVALO
PROTI TÉTO MOŽNOSTI

6 celkem



PB PRAGUE 5: SWOT ANALYSIS



What else?

CC SUD VENDEE LITTORAL: OVERVIEW

VOTERS

1029

VOTING DAYS

39

7.6. - 15.7.2018

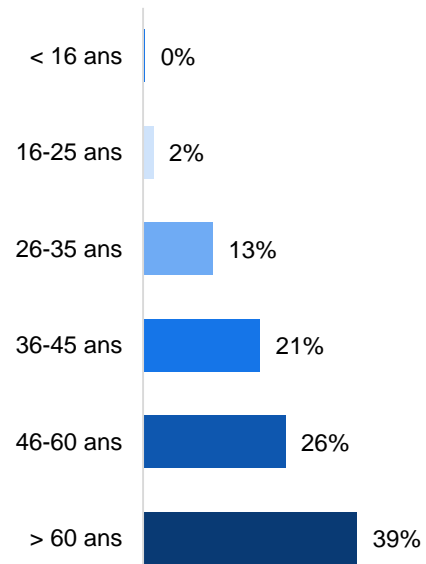
GENDER



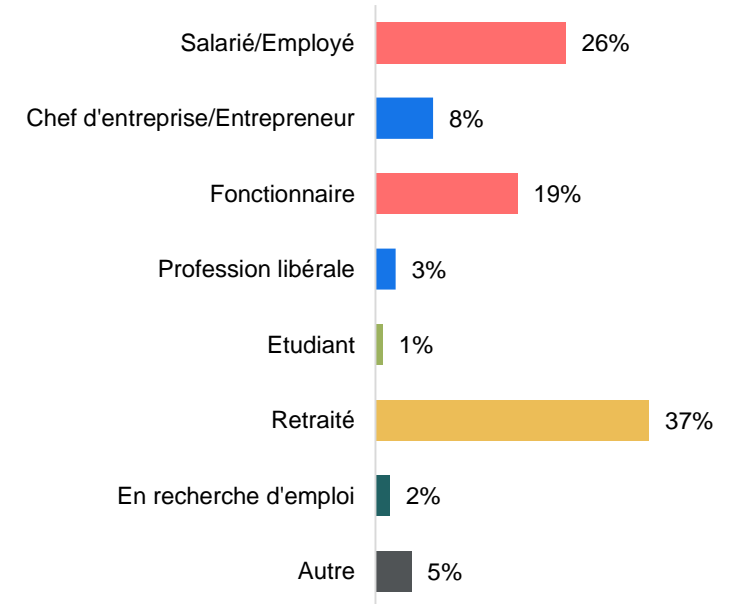
VOTING FORMAT



AGE

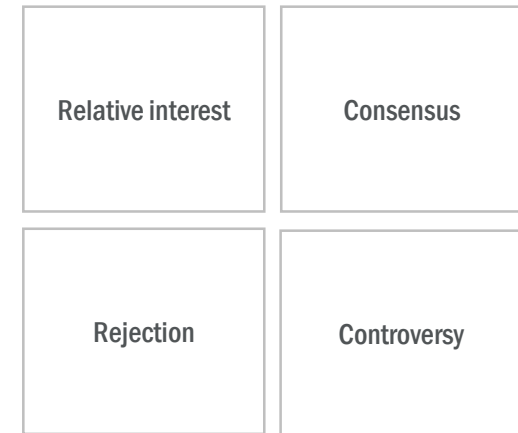
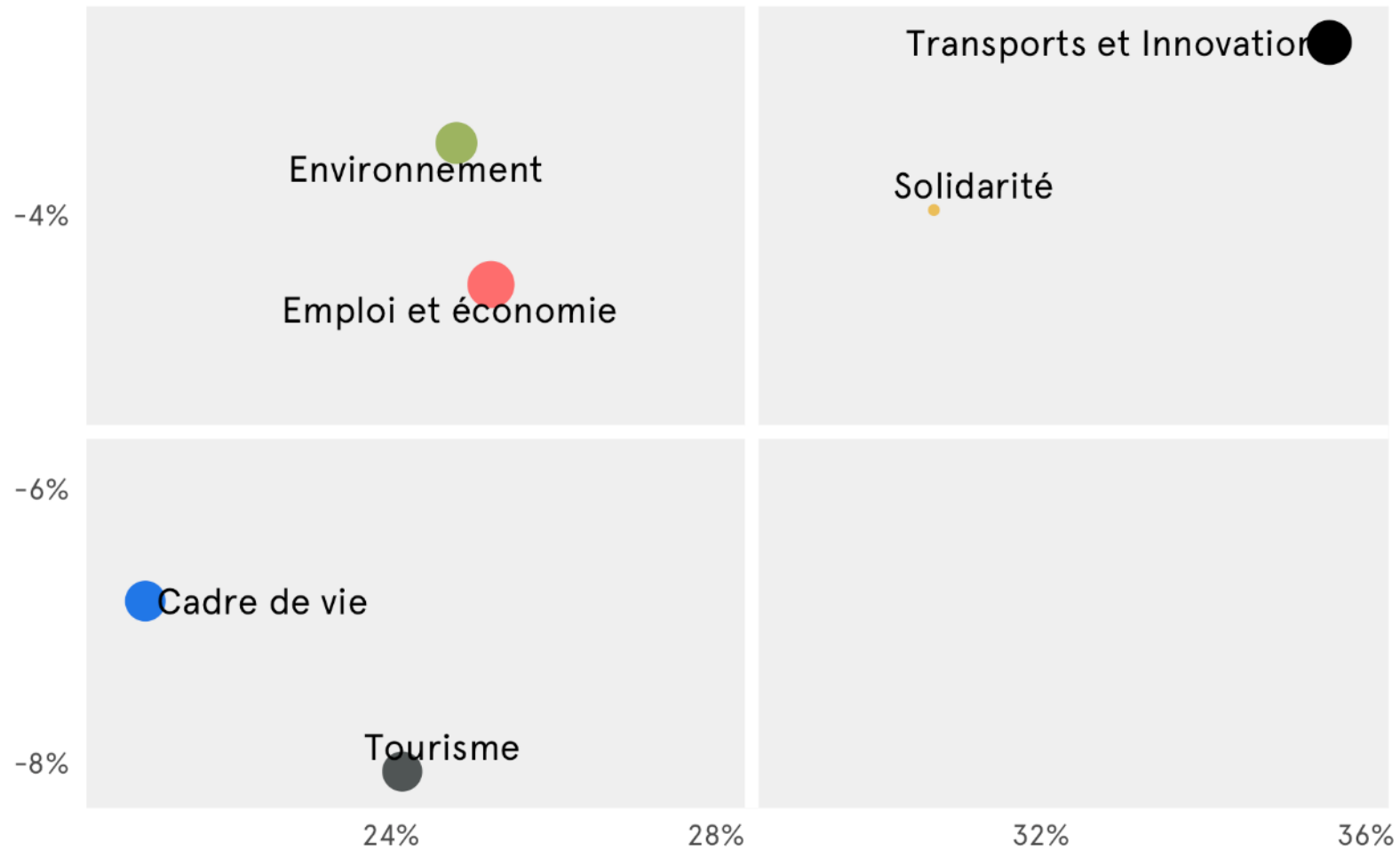


PROFESSIONAL ACTIVITY



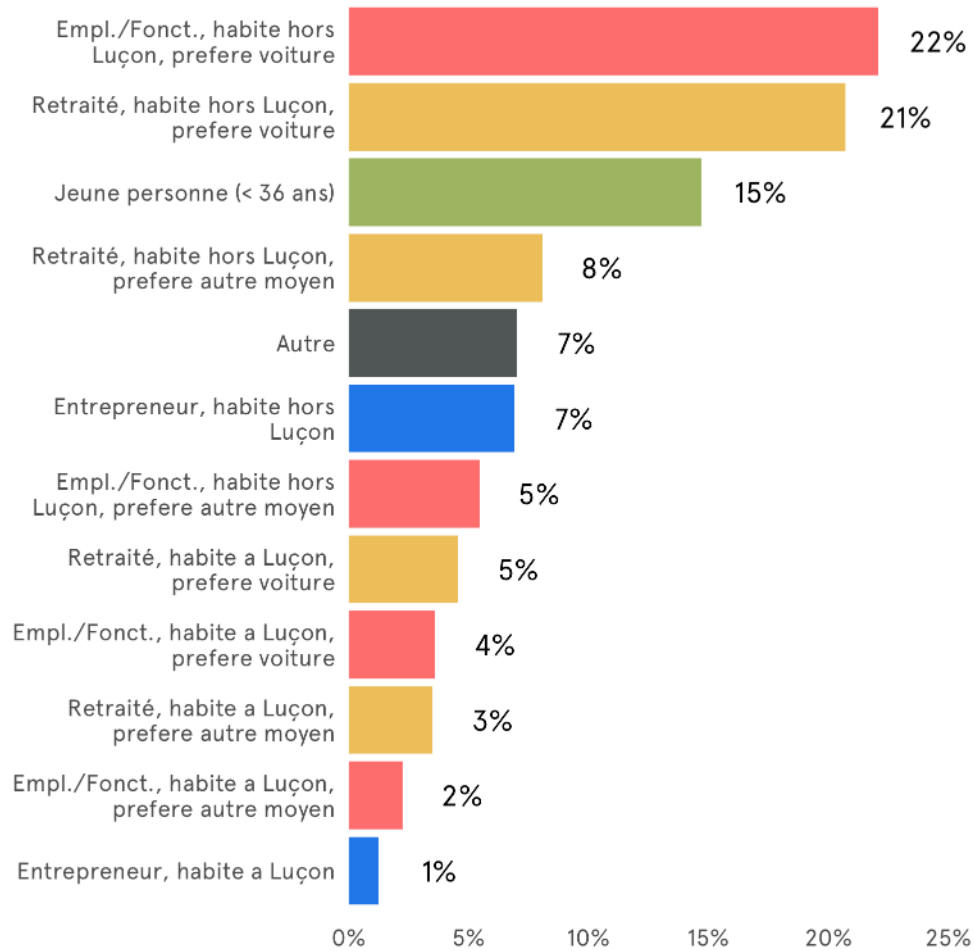
CC SUD VENDEE LITTORAL: SWOT ANALYSIS OF PRIORITIES

Selon vous, quelles sont les priorités...?



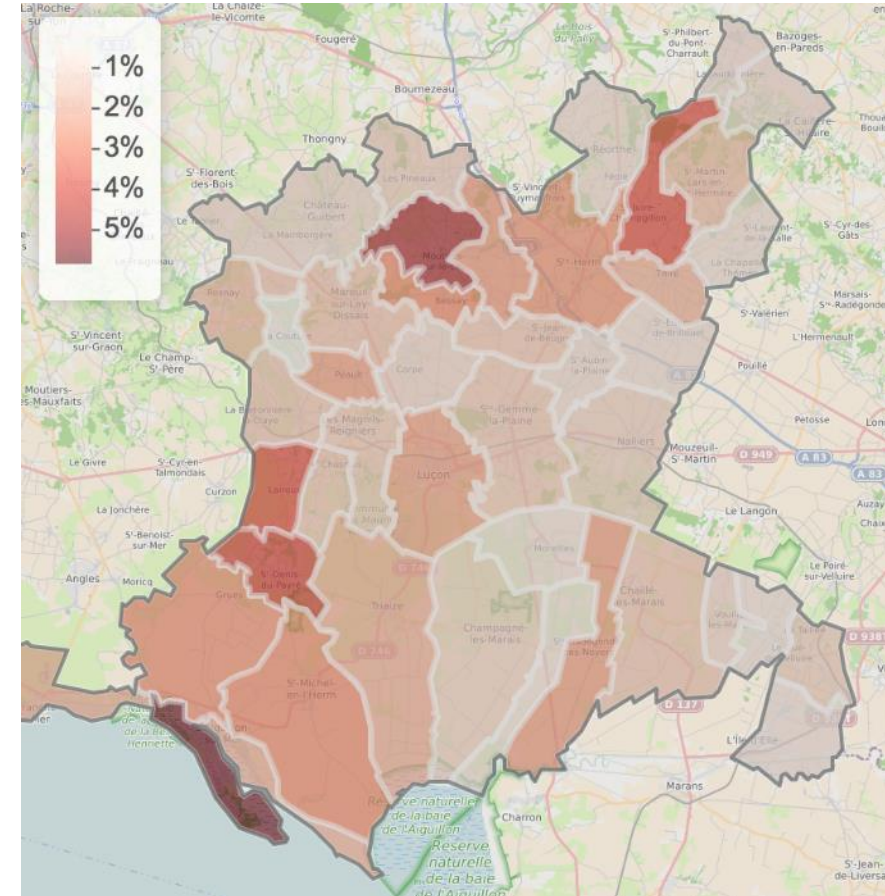
CC SUD VENDEE LITTORAL: OVERVIEW

« PERSONAS »



MAP OF PARTICIPATION

% of inhabitants who participated



La Faute-sur-Mer, Saint-Denis-du-Payré, Lairoux, Saint-Juire-Champgillon, Moutiers-sur-le-Lay

EPERNON: OVERVIEW

VOTERS

642

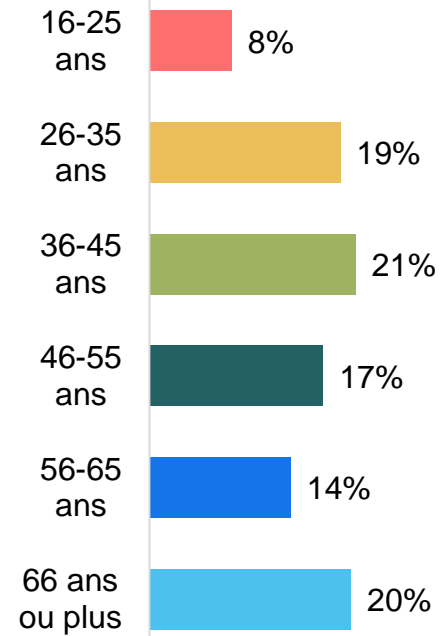
VOTING FORMAT

69 %

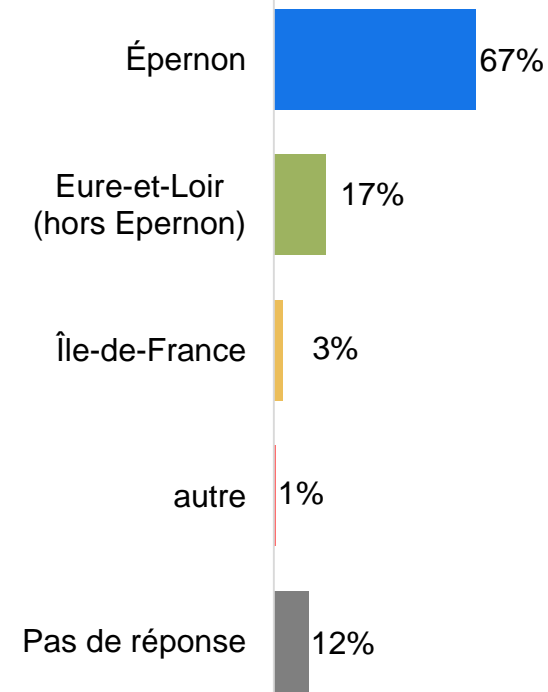


31 %

AGE



RESIDENCY



GENDER



PROJECT

DURATION

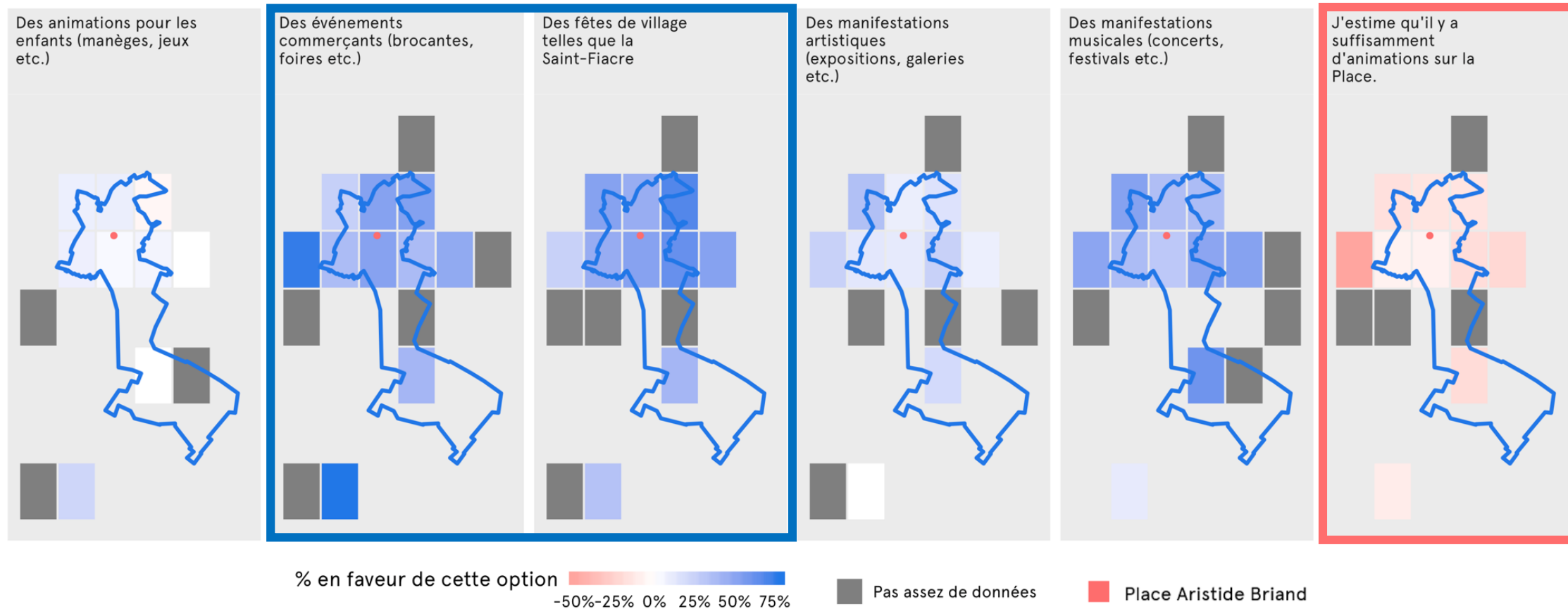
32

29.3.2018 – 29.4.2018

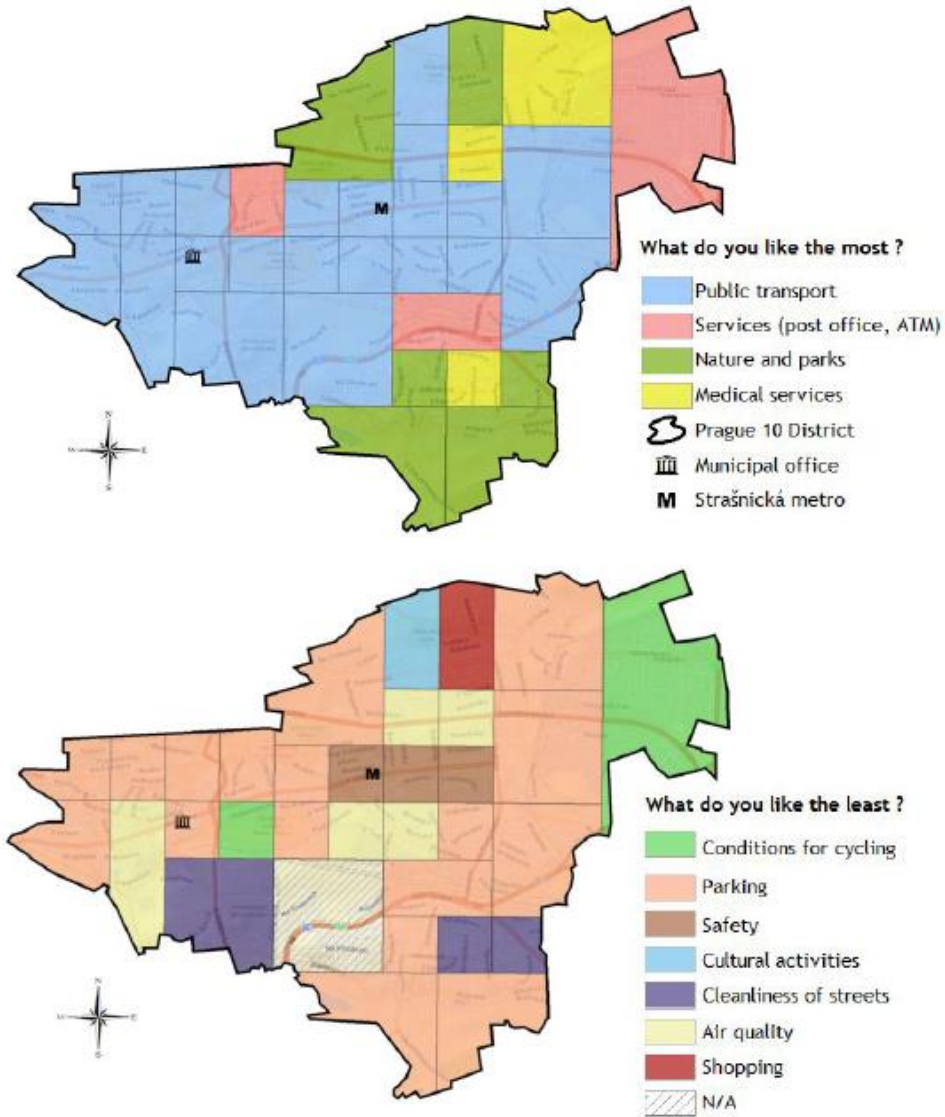
EPERNON: GEO-ANALYSIS OF RESULTS

According to you, what kind of activities would allow Place Aristide Briand to become a better place for public life?

Legend: The stronger blue color is the more people voted for this option. The stronger red color is the more people voted against this option



PRAGUE 10: MAPPING OF NEEDS



CONCLUSIONS

Giving people one vote is allowing them to say a word. **Giving them multiple positive and negative votes allows them to say a sentence.**

In-depth analysis of correlations between voting results and sociodemographic and geographic data **informs future decisions** and **helps to engage people in a consensus-driven dialogue.**





Let's engage citizens to
make better decisions
together!

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