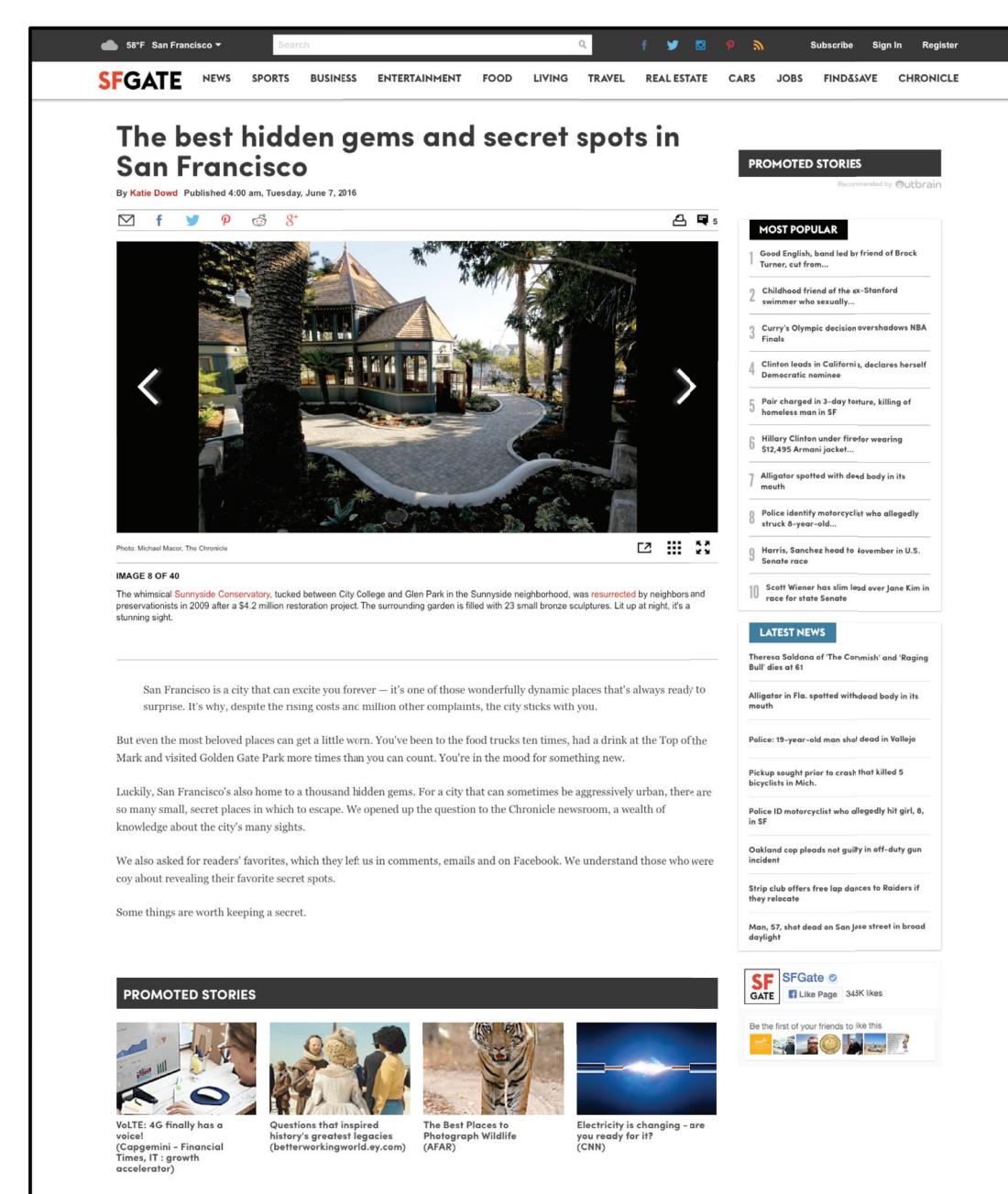


Tagthunder project

FSN « Accessibilité Numérique » - 2017-2020 - GREYC / STARNAV - Founded by BPI (PIA2)

From URL to tagcloud



SFGATE

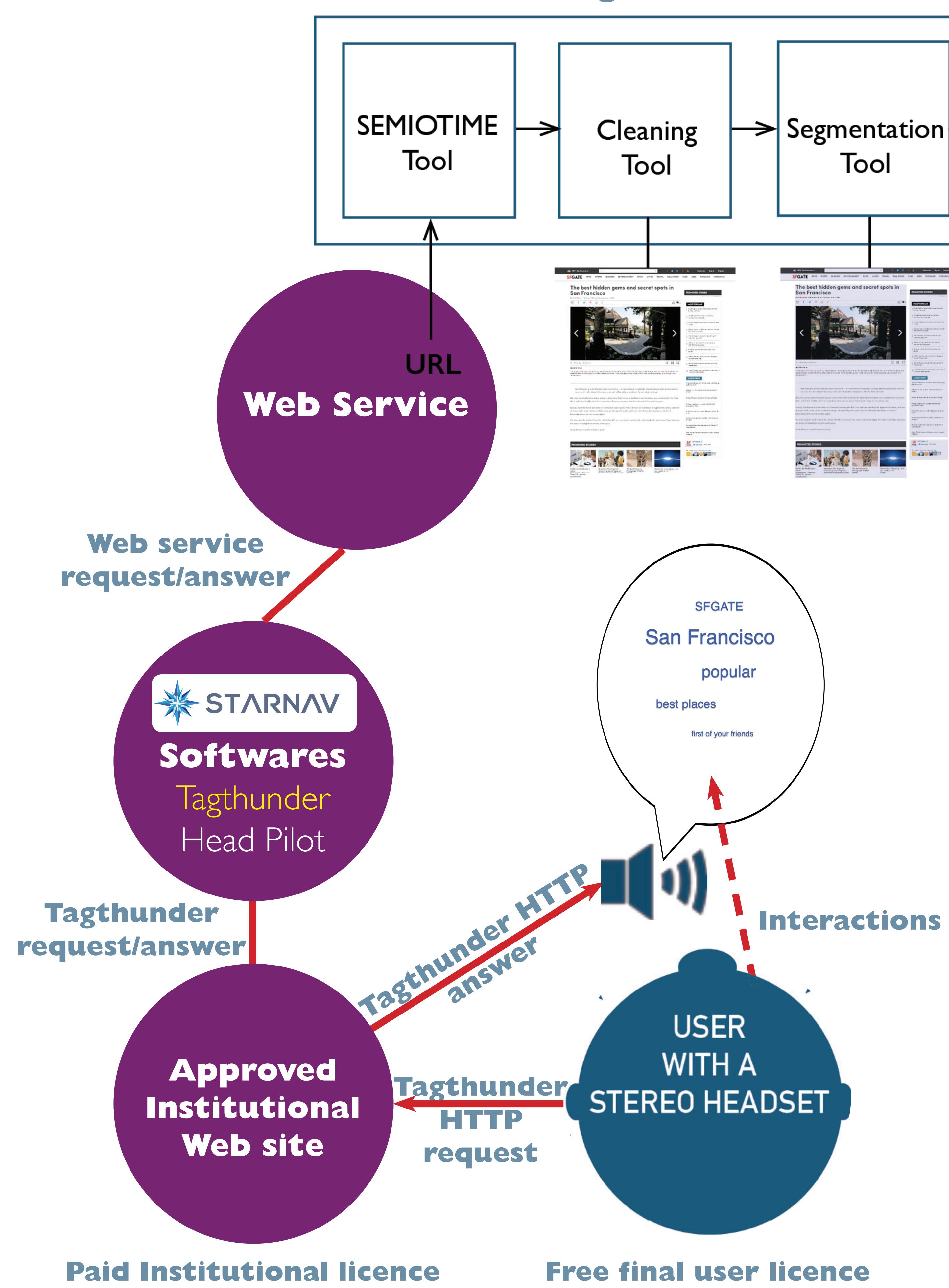
San Francisco

popular

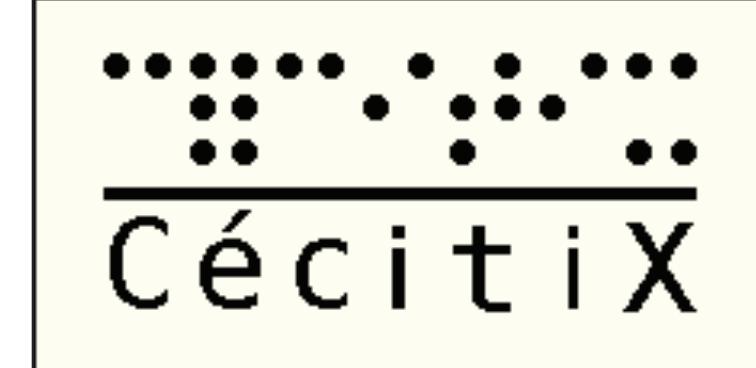
best places

first of your friends

From URL to tagtunder



First Evaluation

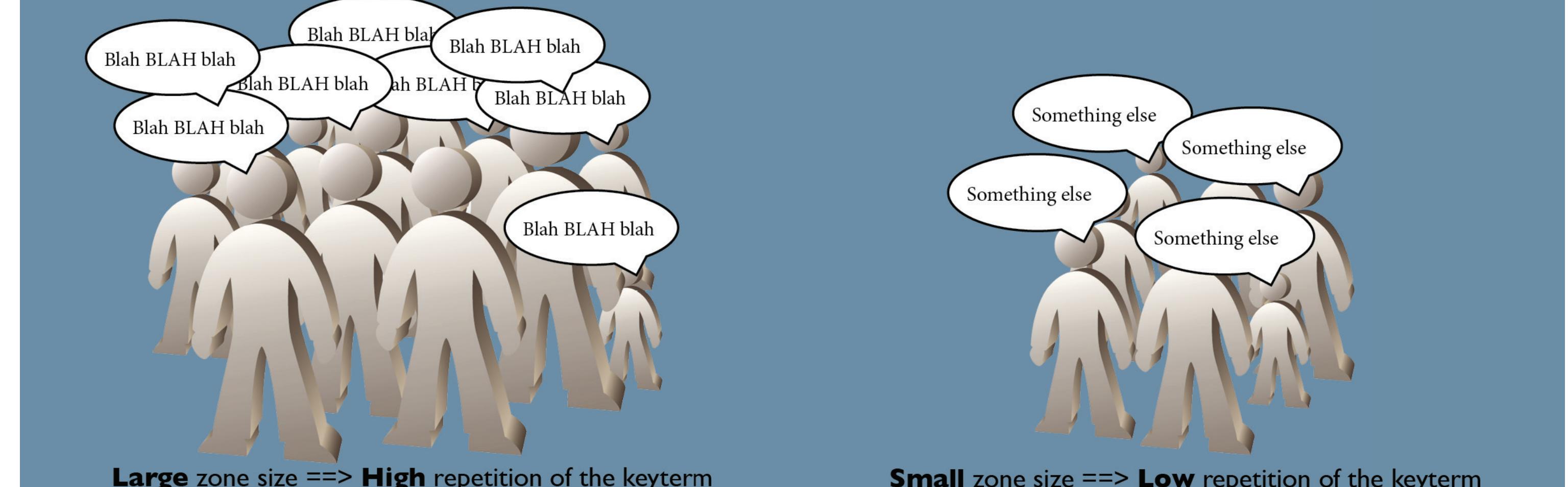


Tagthunder/Web Page association task difficult but very few errors

Improving: Binaural saptialization - Segmentation and extraction algorithms - Interaction design

Cocktail Party Metaphor

Metaphor 1: the larger the group talking about a topic, the more often related terms emerge.
Rule 1: vocalized key terms are played in a loop. Zone size influences repetition frequency within a loop.



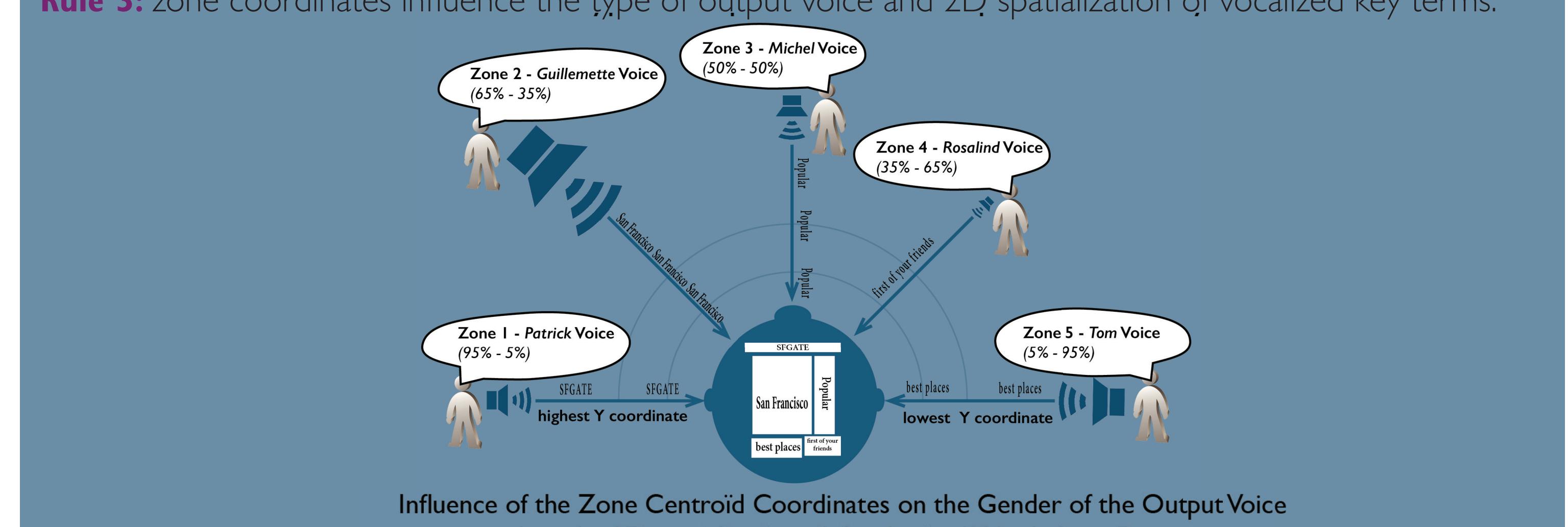
Metaphor 2.a (distinctiveness): the more a voice in a group stands out, the easier it is to detect its source.

Metaphor 2.b (relevance): the more the words are repeated in a group, the more relevant they are.

Rule 2: volume is determined by zone contrast and key terms frequency in the zone.



Metaphor 3: sound spatialization helps to physically place and distinguish several discussion groups.
Rule 3: zone coordinates influence the type of output voice and 2D spatialization of vocalized key terms.



Contact: fabrice.maurel@unicaen.fr - (+33)2 31 56 73 97 - Université de Caen Normandie