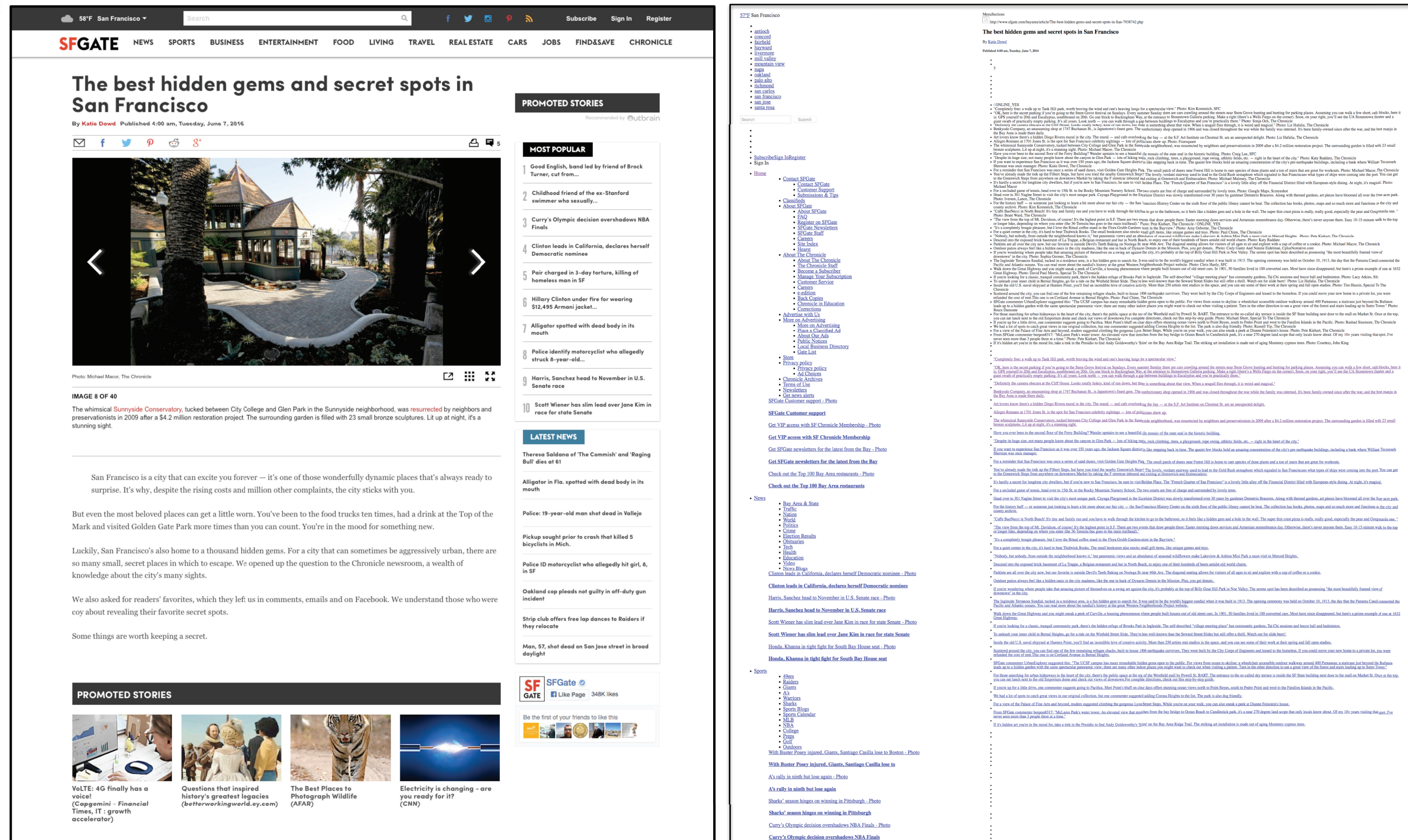


# Towards Non-Visual Web Page Skimming and Scanning

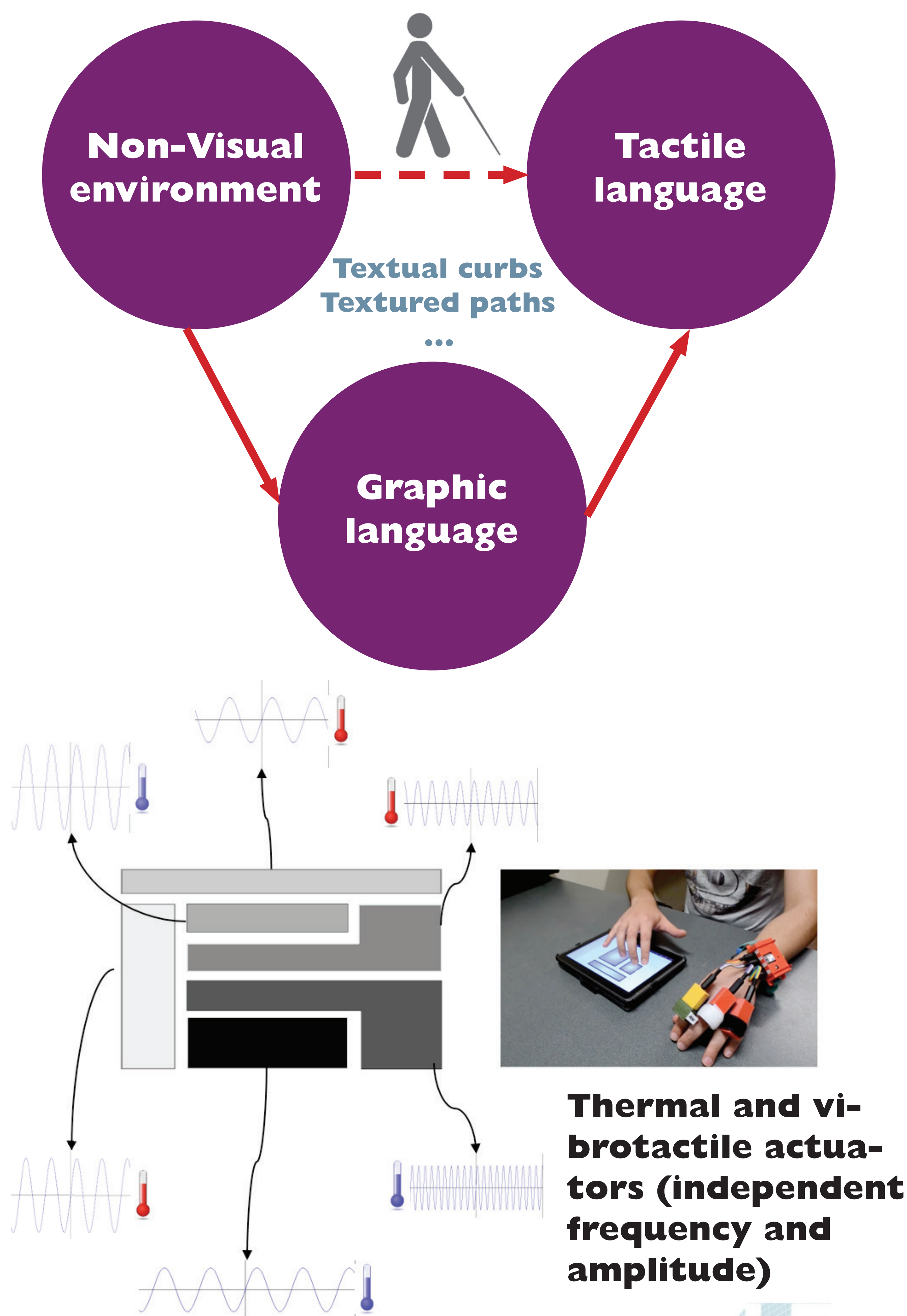


| Non visual Browsing              | Non-Visual Skimming<br><i>landscape based</i>                                                                                                                        | Non Visual Scanning<br><i>path based</i>                                                                                                           |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Text based (oral/Braille)</b> | <ul style="list-style-type: none"> <li>Summarization (Access - Parmento, Ahmed)</li> <li>3D Audio Browsers (Goose, Guerreiro)</li> <li><b>Tag Thunder</b></li> </ul> | <ul style="list-style-type: none"> <li>Screen reader</li> <li>SeEbrowser (Michail)</li> <li>Hearsay (Borodin)</li> <li>MORTELS (Maurel)</li> </ul> |
| <b>Image based (tactile)</b>     | <ul style="list-style-type: none"> <li>TVSS (Bach-y-Rita)</li> <li>MAP-RDF (Bou Issa)</li> <li><b>TactiNET</b></li> </ul>                                            | <ul style="list-style-type: none"> <li>MAP-RDF (Bou Issa)</li> <li><b>TactiNET</b></li> <li>VAI (Giudice)</li> <li>TACTOS (Ziat)</li> </ul>        |

## Web pages create complex landscapes and numerous paths

- » How do we improve non visual skimming and scanning?
- » How do we navigate between sensory landscapes and paths (global vs. local perception)?

### TACTINET project (ANR-12-SOIN-0003) White cane metaphor



### TAGTHUNDER project (FSN Accessibilité Numérique) Cocktail party metaphor

