Augmented Reality and Spatiality in Tourism and Regional Development

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Motivation

The emerging geography of cyberspace motivates us to include AR into one of the regional development priority – tourism, as the bridge between material and virtual world of Perceptive/Imaginative spatiality.



Research outline

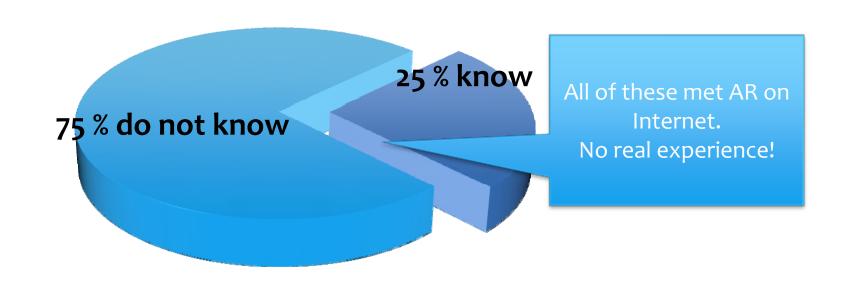
- * Goal: Mapping demad for AR technologies in tourism
- * Location: Brno, Czech Republic
- Methods: questionnaires and semi-structured interviews
- * Interviewed: tourism stakeholders in Brno



Results

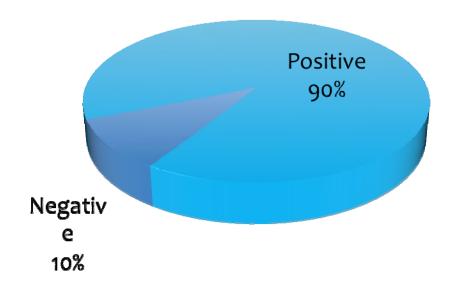
- * Our research shows the disproportion between the knowledge of AR (low awareness) and the interest of its features.
- * Significant results could be seen also in the different view from the perspective of users (tourists) and tourism organizations.

Public awareness about AR



Reactions after show of possibilities of AR

Reactions





Preferred users usage

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* Repoving language burriers – 58 %

* registratides – 22 %

* Phaps – 5 %

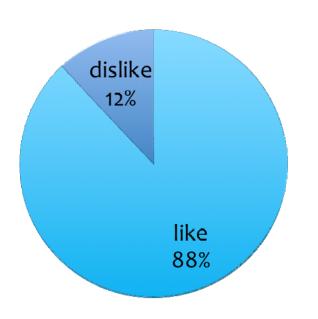
* 3D show of transportation – 4%
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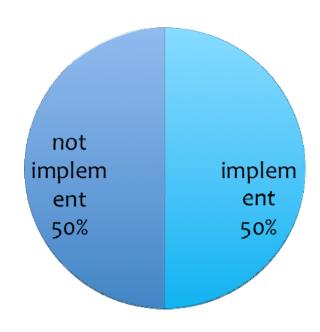
of users would like to use such applications for their own use when traveling.

Reaction of tourism organizations

Reaction after demonstration

Real deployment in the future





Discussion of skeptical attitude

Most common causes:

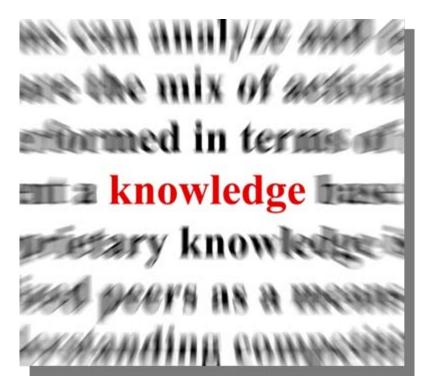
- Very high financial demands on the applications development
- Uncertain reactions of users

"Distrust in the efficiency of the AR reactions comes from lack of knowledge of users of similar applications in tourism."



Conclusion

- * Results show disproportion between demand of AR application from informed respondets/users and tourism organizations/companies.
- * The key determinant probably lies in the quota of topic knowledge.



Further research

- * We further focus on other determinants of AR usage in tourism
 - * especially under the conditions of rapid incorporation of new technologies and
 - * high penetration of ubiquitous internet connection and smart phone penetration among tourist.



Thank You for Your Attention!



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