



Swiss Mobility Lab learnings: The importance of UX for Future Mobility Solutions

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Smart Cities Requirements

 Widely Connected environment Communication infrastructure Sensor network

 Need for a critical size in order to be cost-effective





Songdo, South Korea - 2014





How to propose Smart-City like services outside large urban centers?







Our proposition:

Improve the existing mobile infrastructure for data collecting and analysis

















NOSE

a Nomadic, Modular Sensing Ecosystem























NOSE User Experience

- Clear view of current road state
- Instant alert to be notified for any hazard
- Decision-making tool for road maintenance

Alerte neige Alerte de niveau orange de neige pour les zones au dessus de 1000 m

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- Réduire la vitesse et anticiper

en direction d'Arolla Cumul: 10 - 12 cm

Chaînes conseillées

Agir avec douceur





CIBO « Check-in / Be out »











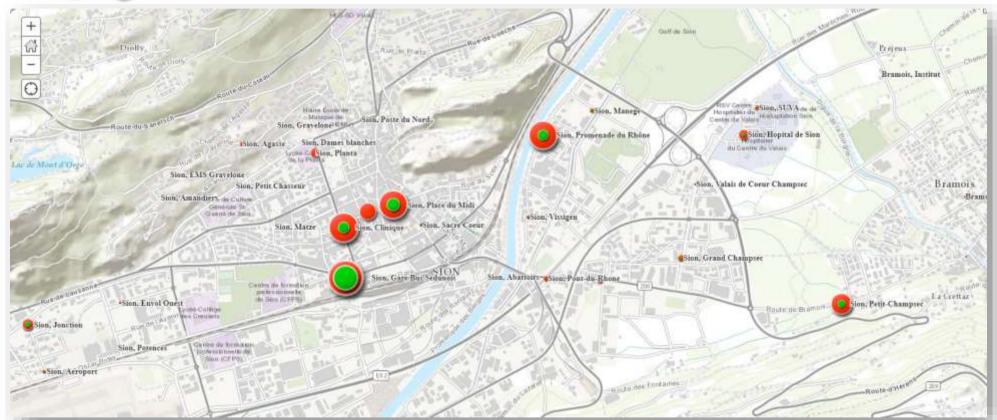






Network usage – stations (Bus Sédunois)















Cibo User Experience

- User doesn't have to worry about tickets
- User always get the best price based on their use
- It's seamless and easy to use



 For the future : dynamic pricing, data analysis, ...

Conclusion

- User eXperience is more important than ever in new mobility / transportation systems
 - New Smart-Cities like services to the greatest number of citizens
 - New ticket-less billing system for Public Transport using IT technologies
 - New experience and new offer with driverless shuttles
- For operators =
 - new datas + new datas + new datas + ...



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