





## EfeCalc

## Automatic Astronomical Ephemerides Calculation

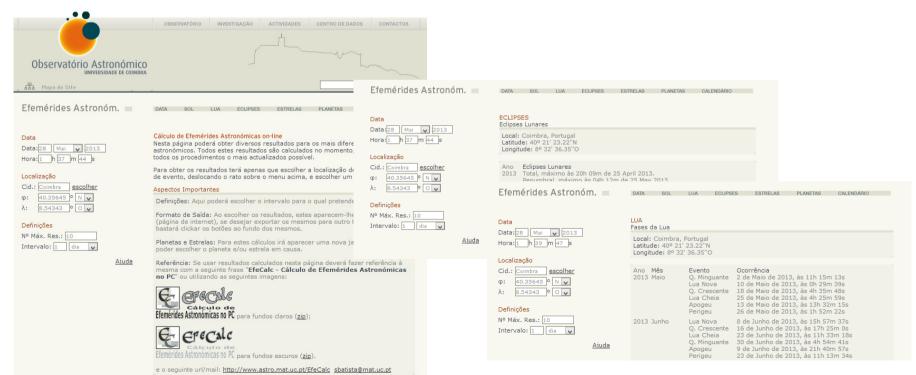
## Final Project

- Main Objective
  - To automatize the process of Astronomical Ephemerids calculation that where printed each here in a large, heavy book by the Coimbra's Astronomical Observatory
- Results
  - Windows application that allows to calculate all related information about celestial bodies: Sun, Moon, Stars, Planets, Eclipses, etc.

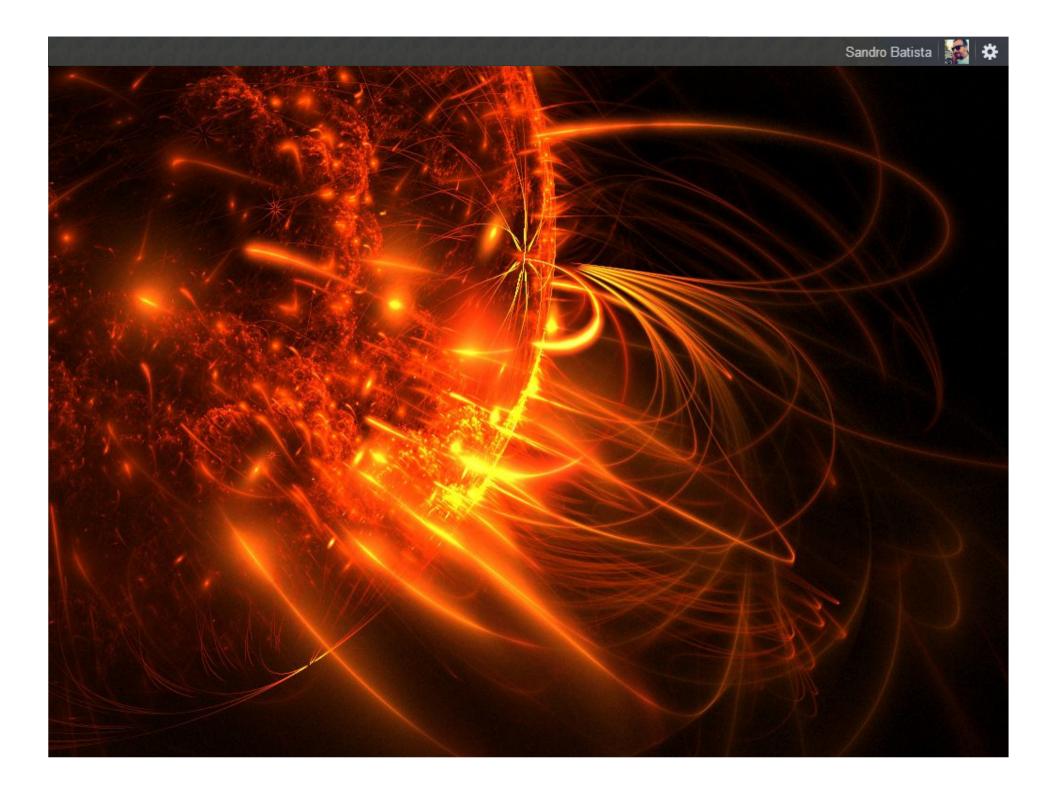
# Astronomical Observatory of University of Coimbra 2002 - 2004

### EfeCalc Online

 Migration from desktop application into Global Website, making Ephemerids Calculation available to everyone, everywhere!



http://www.astro.mat.uc.pt



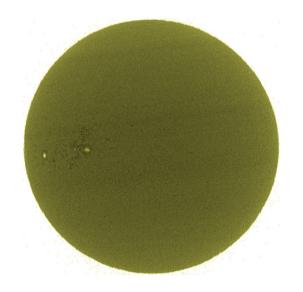


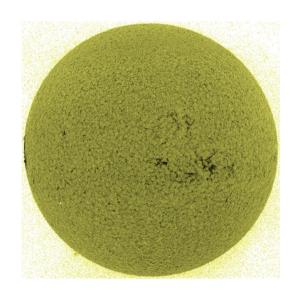


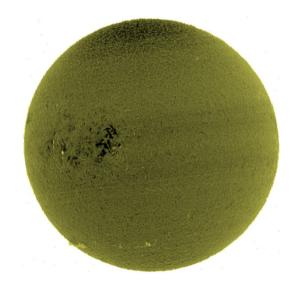
## Astronomical Observatory of University of Coimbra 2002 - 2004

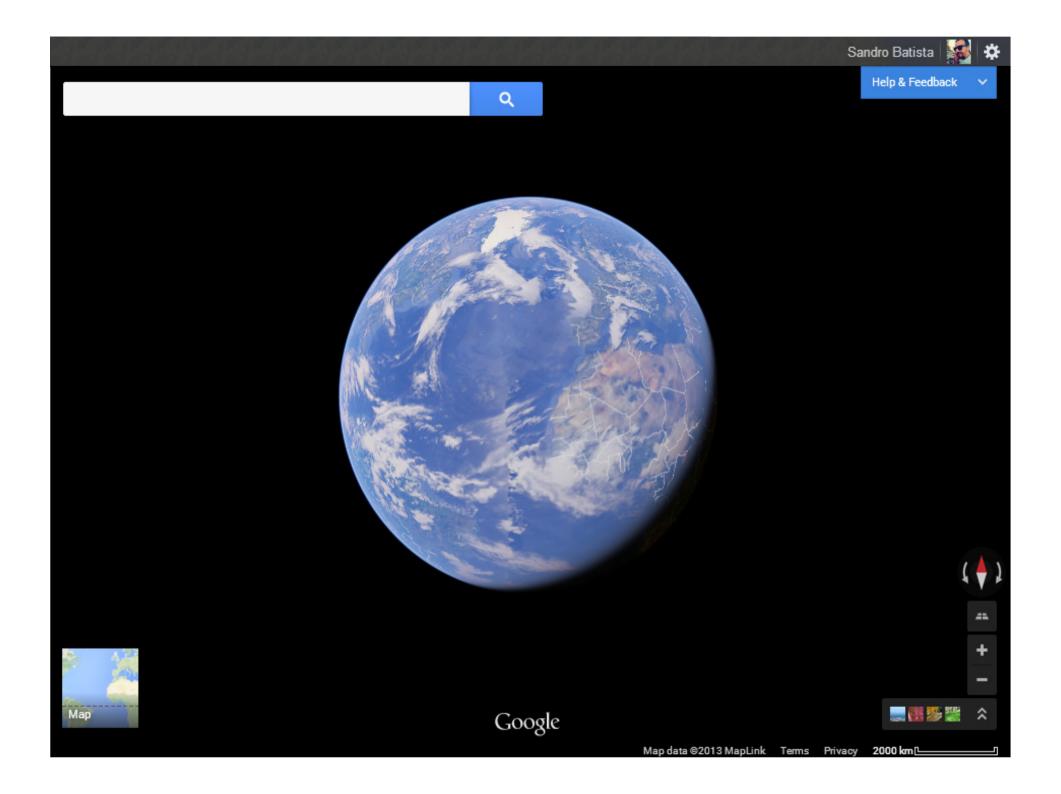
## SunSpots

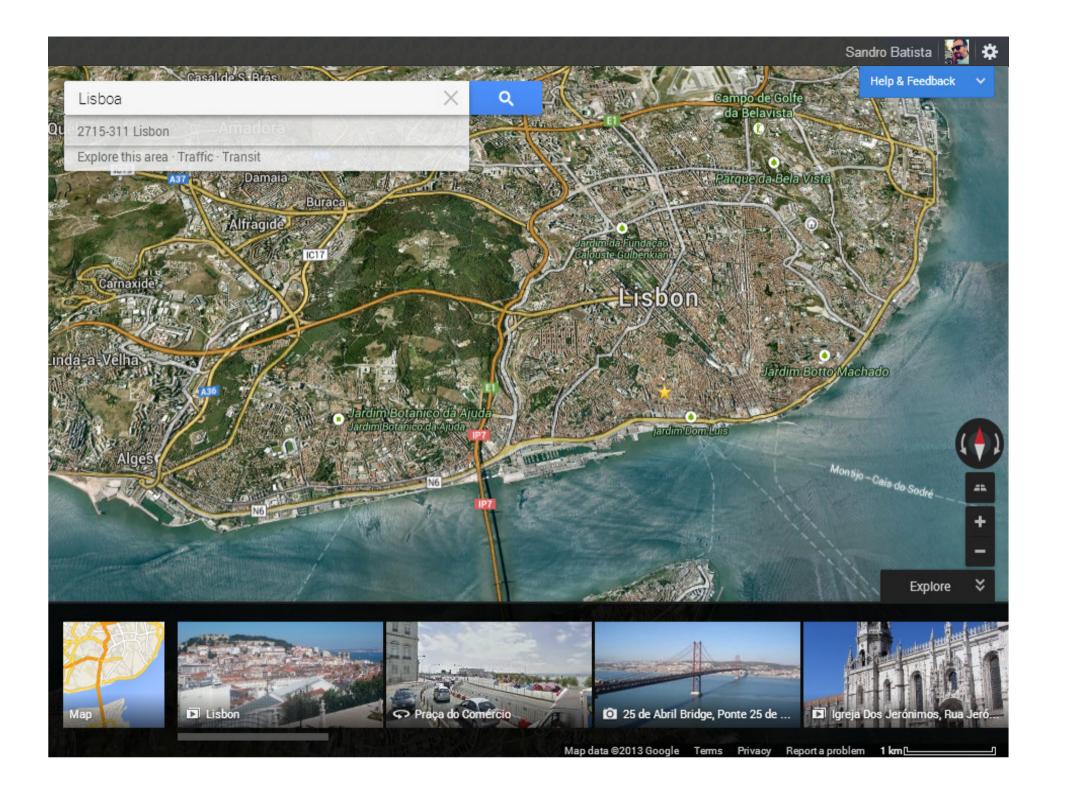
Conceptualization and Creation of and application to identify and classify solar phenomena for all the solar photography in Coimbra's observatory database – More than 30.000 photographies taken daily since 1926















# EngSolvers 2004 - ...



- Co-founder and Technical Director
- Creation of a software suite for automatic geodetic monitoring in big public works where precision is the word!

### "Epoch-Suite by EngSolvers"

a suite of programs to import, manage and store multiple epochs of observations and to compute XYZ components of displacement vectors and coordinates

#### Features



Epoch-Suite is a suite of programs to import, manage and store multiple epochs of observations and to compute XYZ components of displacement vectors or XYZ coordinates of points.

#### Case Studies



Epoch-Suite is already installed in different sites – Dams, Tunnels, etc. – helping our costumers to measure their assets. know the potential reading some case studies.

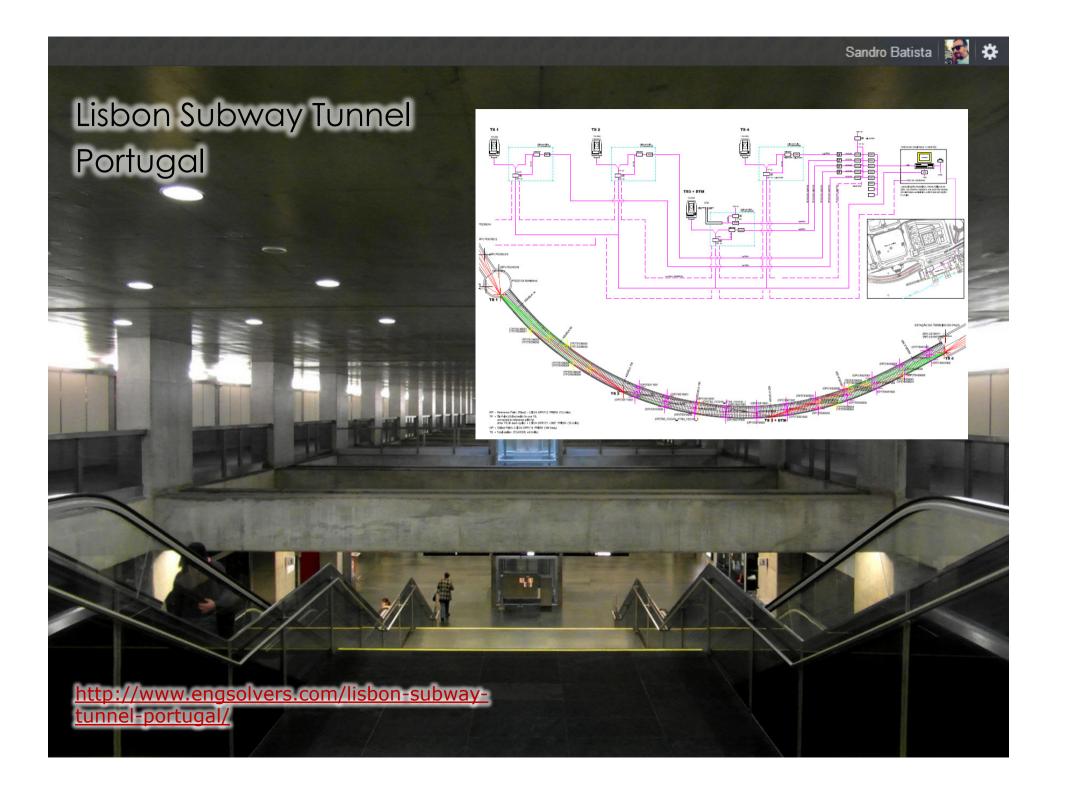
#### Download

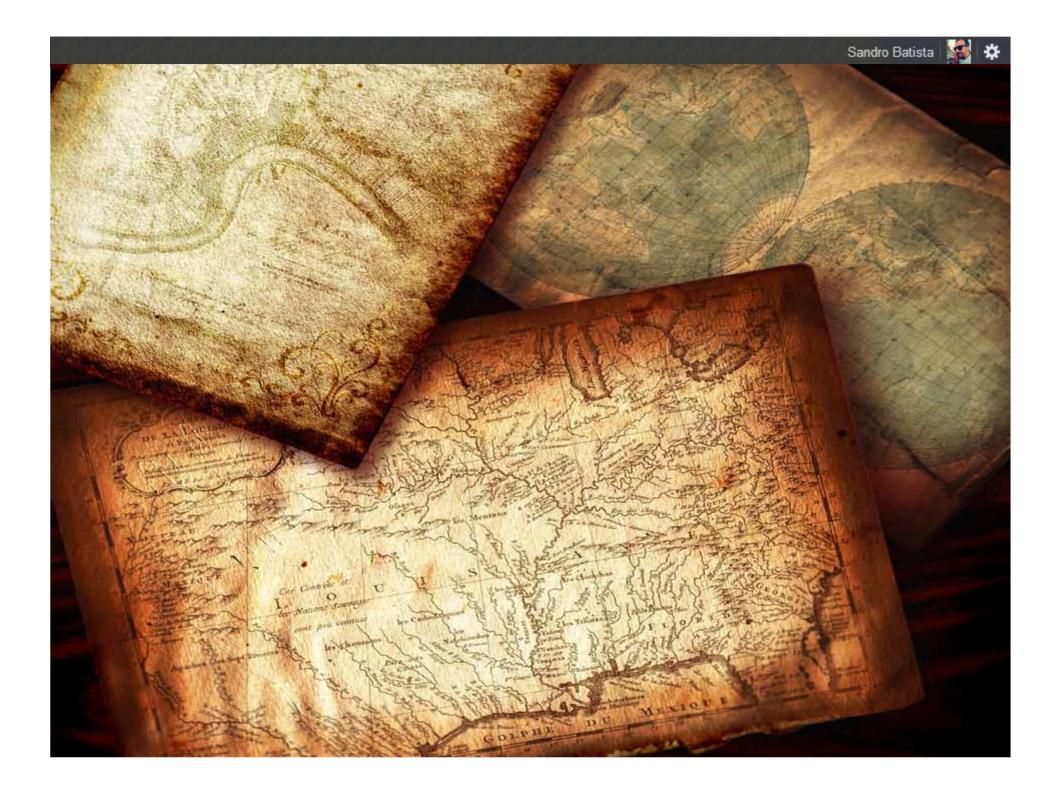


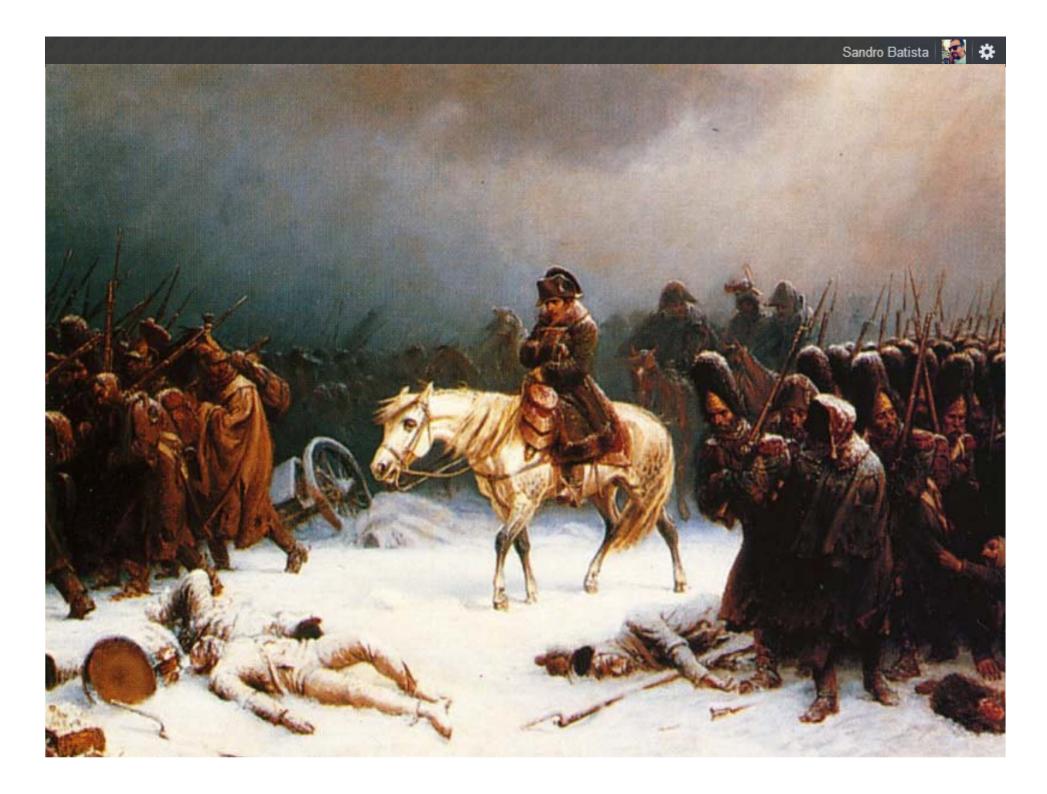
Download our suite today and start to evaluate it free of charge. To help you to engage we have built a lot of videos that describes all the process from the beginning.

http://www.engsolvers.com/



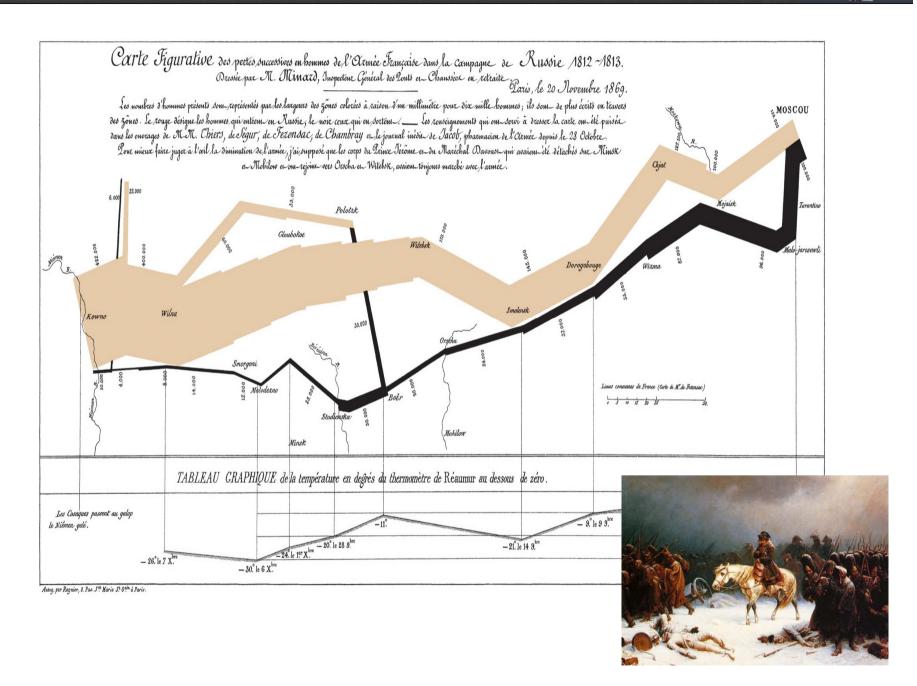






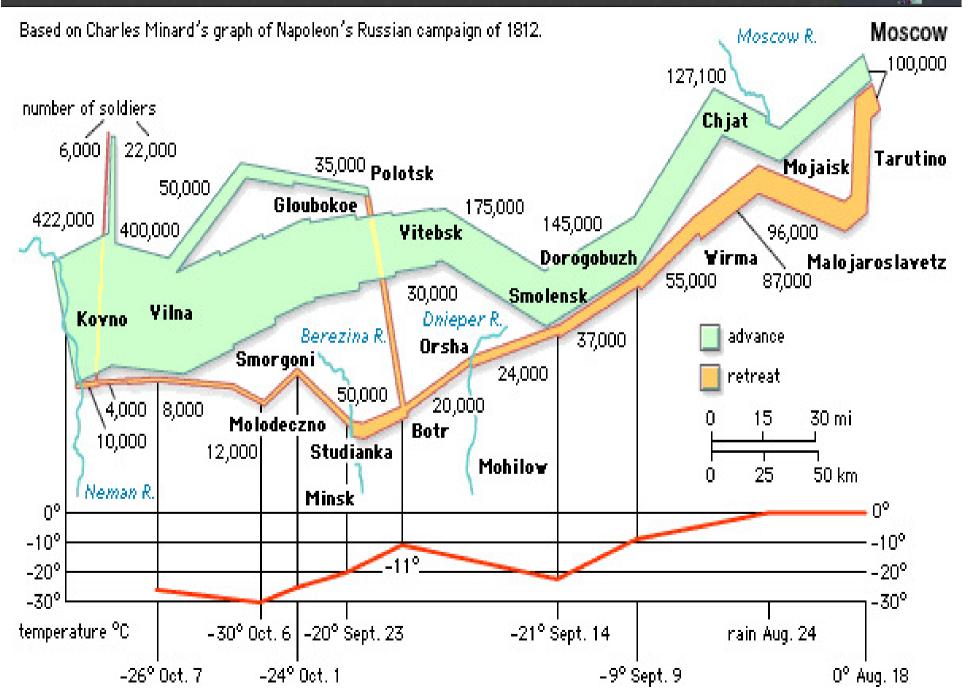


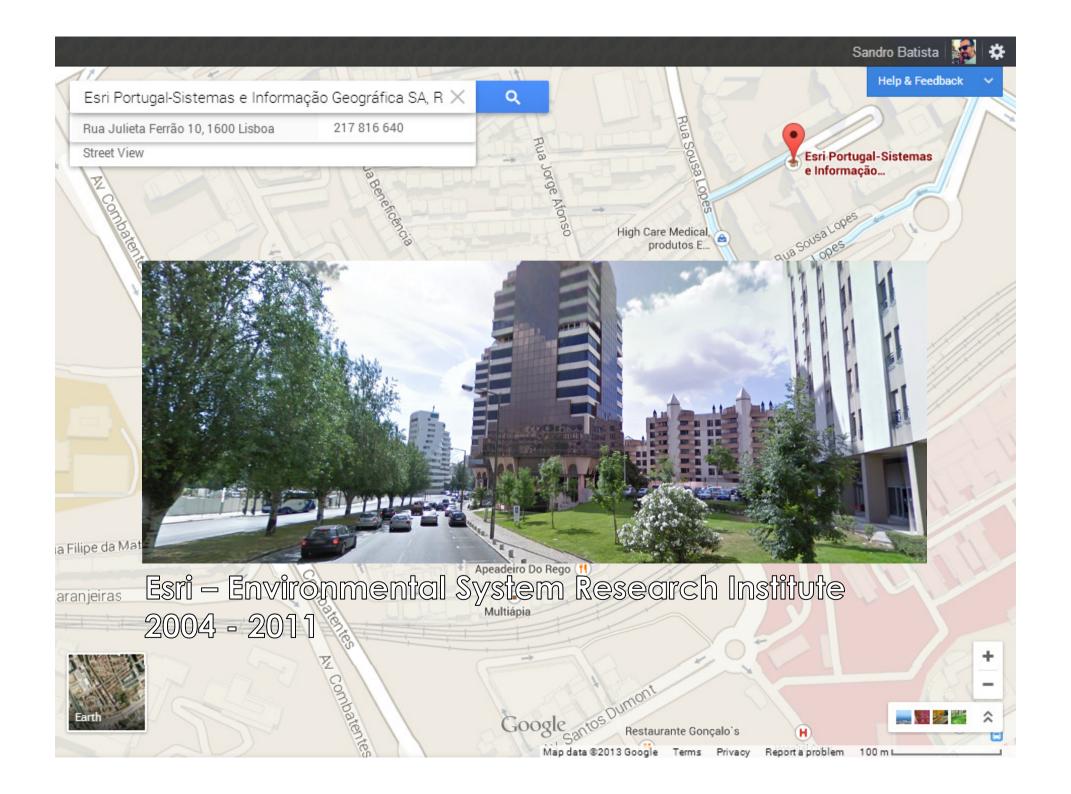














## Esri Portugal 2004 - 2011

- 2004 2008
  - CTO Technical Director
- 2008 2009
  - CEO Enterprise Unit of Research, Development and Innovation
- 2011 2011
  - Strategy and Technology Director
- Project Director and Project Manager of many international and national projects
  - NC3A NATO;
  - GeoCAPITAL Holding
  - AICEP Global Parques (Portuguese agency for investment)
  - Chronopost International
  - Portuguese Geographic Institute
  - Etc.

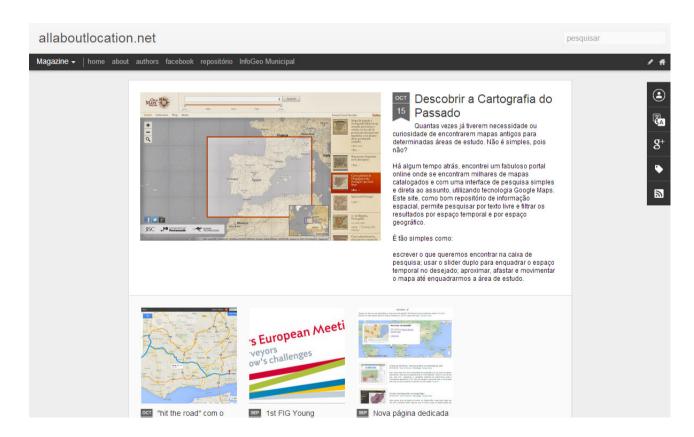


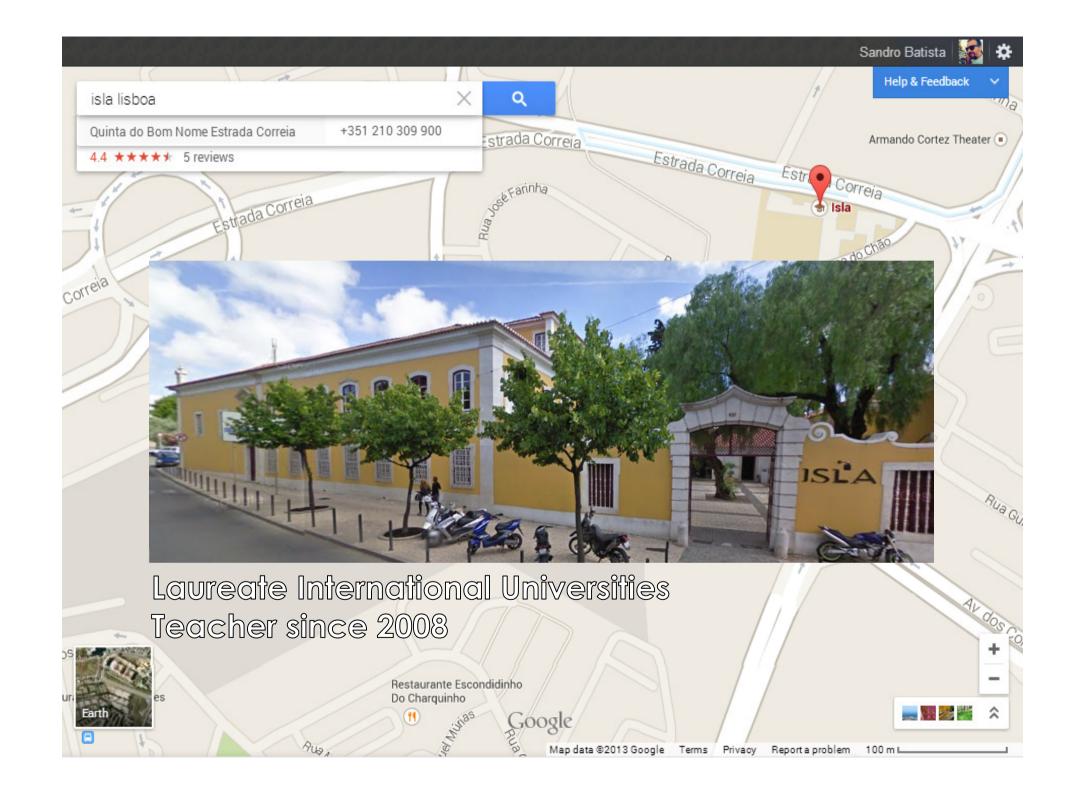
### **3** #



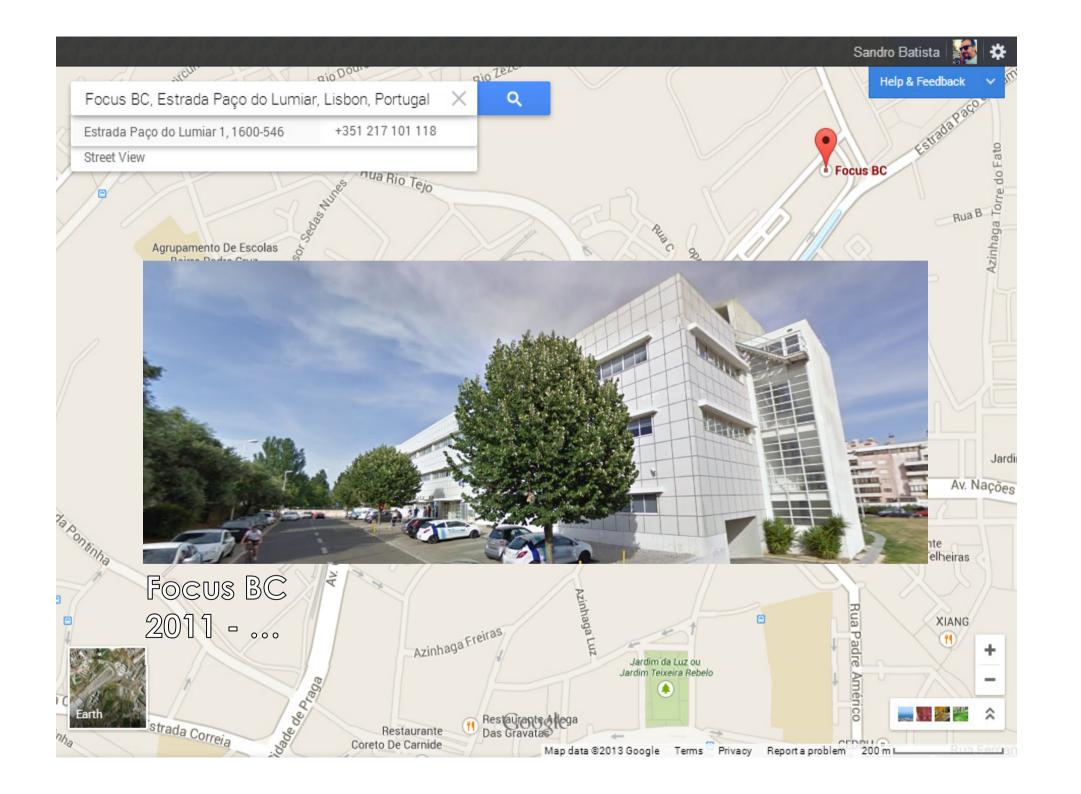


 Creator of the Blog – Innovation in Information System focused in the Location component of each and every information system!













# Focus BC 2011 - ...



- Co-founder & Managing Partner
- Business Consulting and Professional Services Company
- Google Partner for EMEA Market Europe, Middle East and Africa in Enterprise Solutions focused in Earth and Maps Solutions





Share



**Simplicity** 

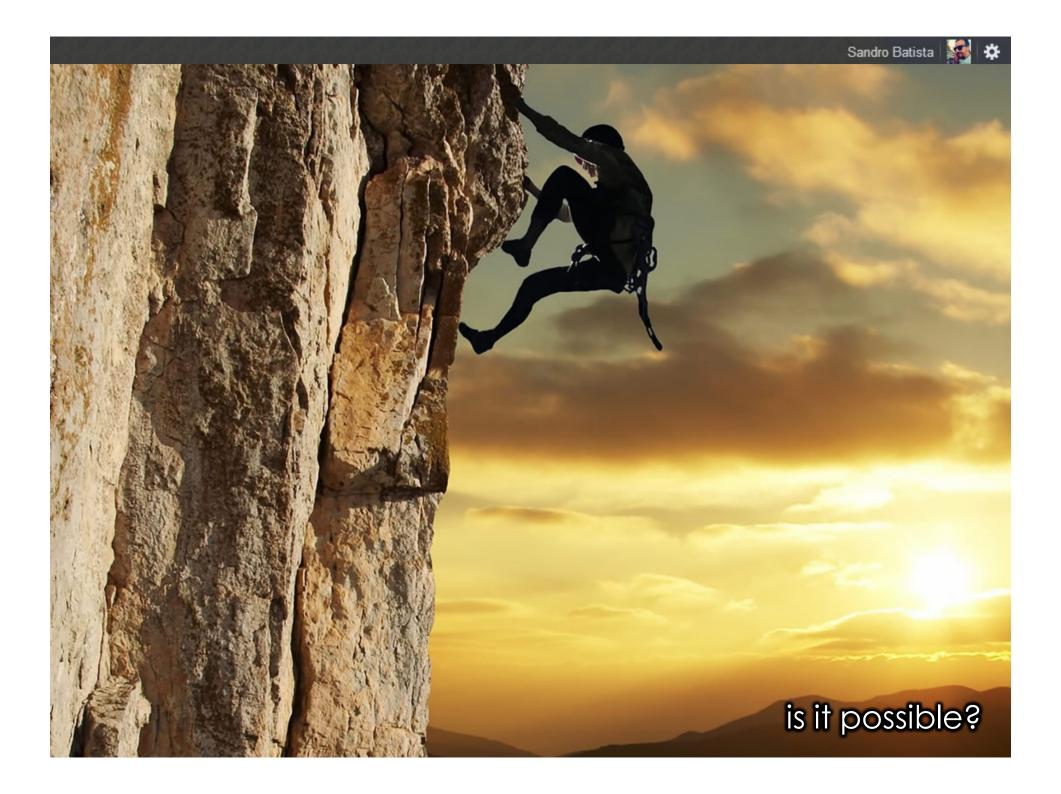




ONLINE

&

OFFLINE



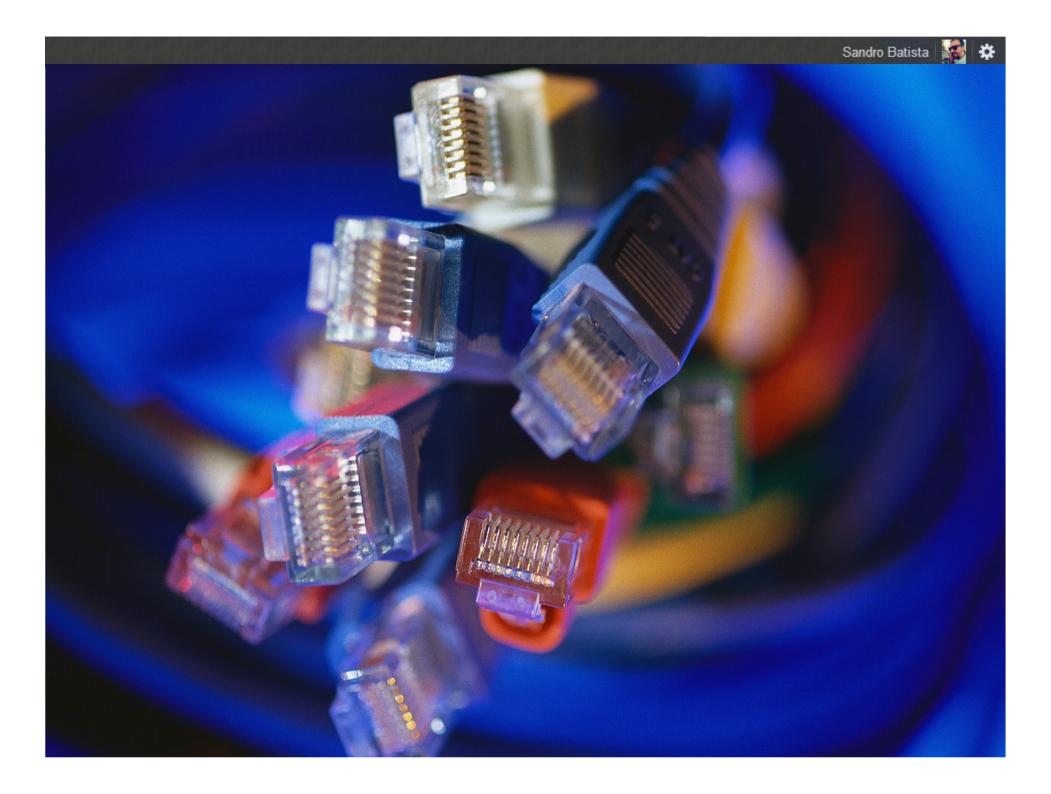
"by the end of 2011, over 75 percent of devices shipped in mature markets will include a GPS" Gartner 2011 trends



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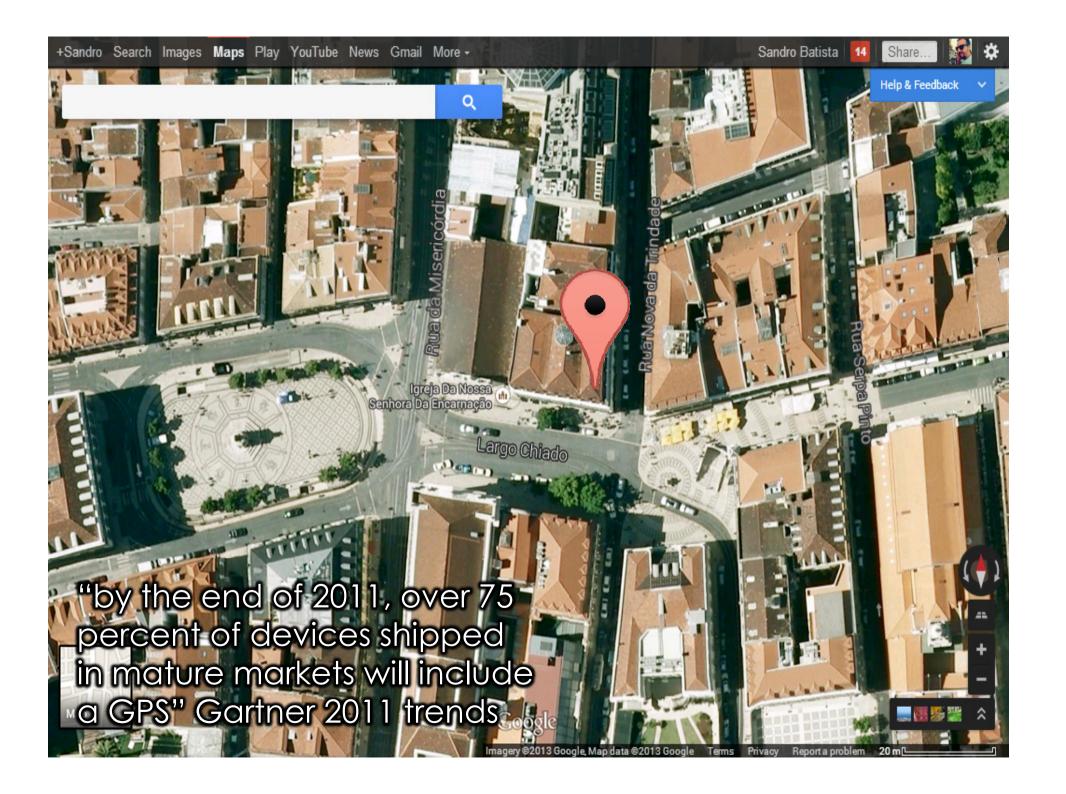


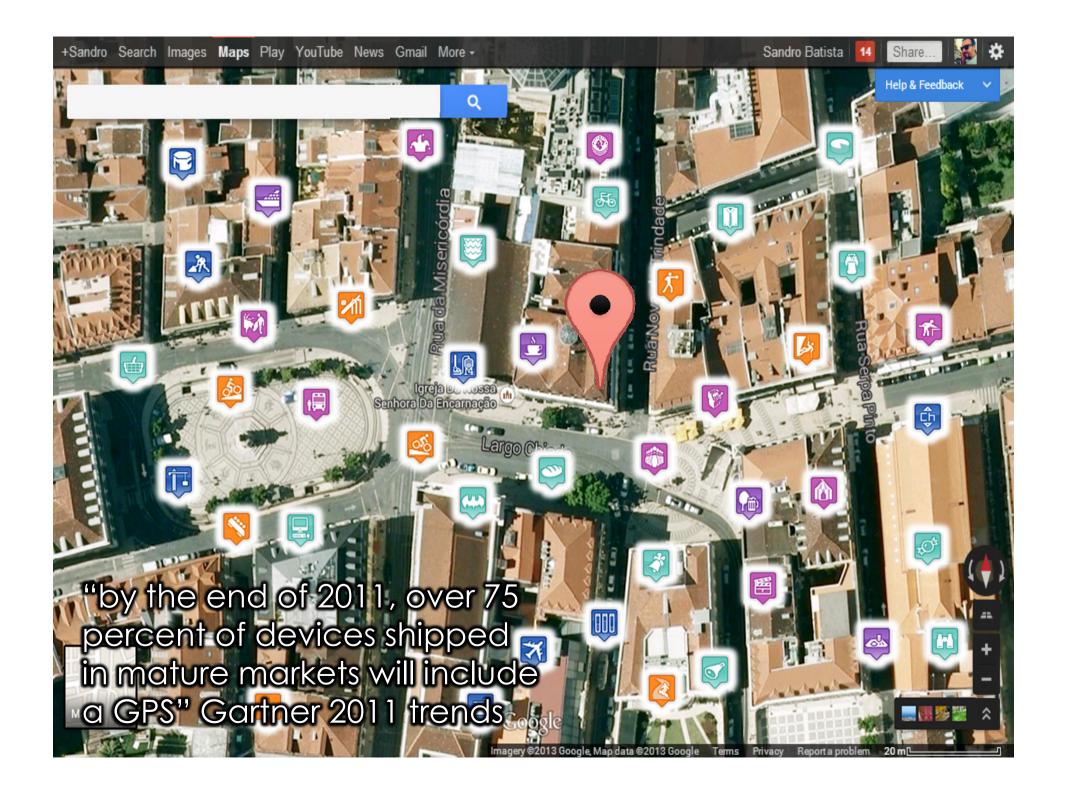
"Cloud computing is a major technology trend that has permeated the market over the last two years. It sets the stage for a new approach to IT that enables individuals and businesses to choose how they'll acquire or deliver IT services, with reduced emphasis on the constraints of traditional software and hardware licensing models,", David Cearley, VP and Gartner Fellow

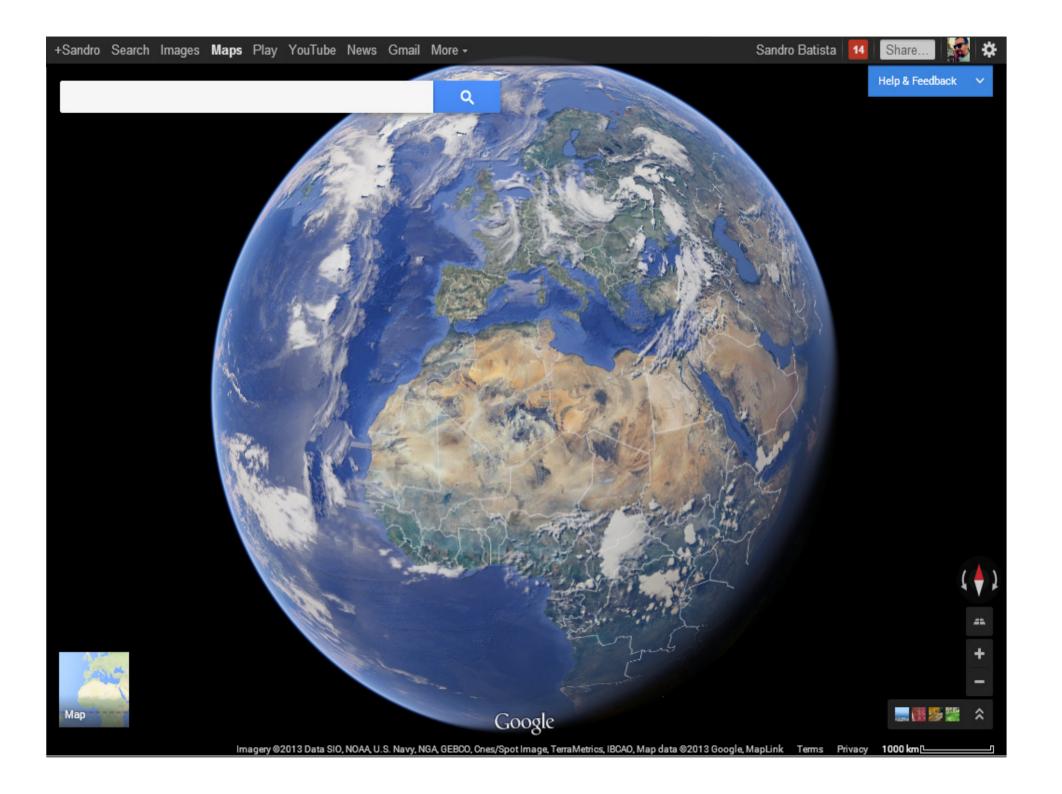


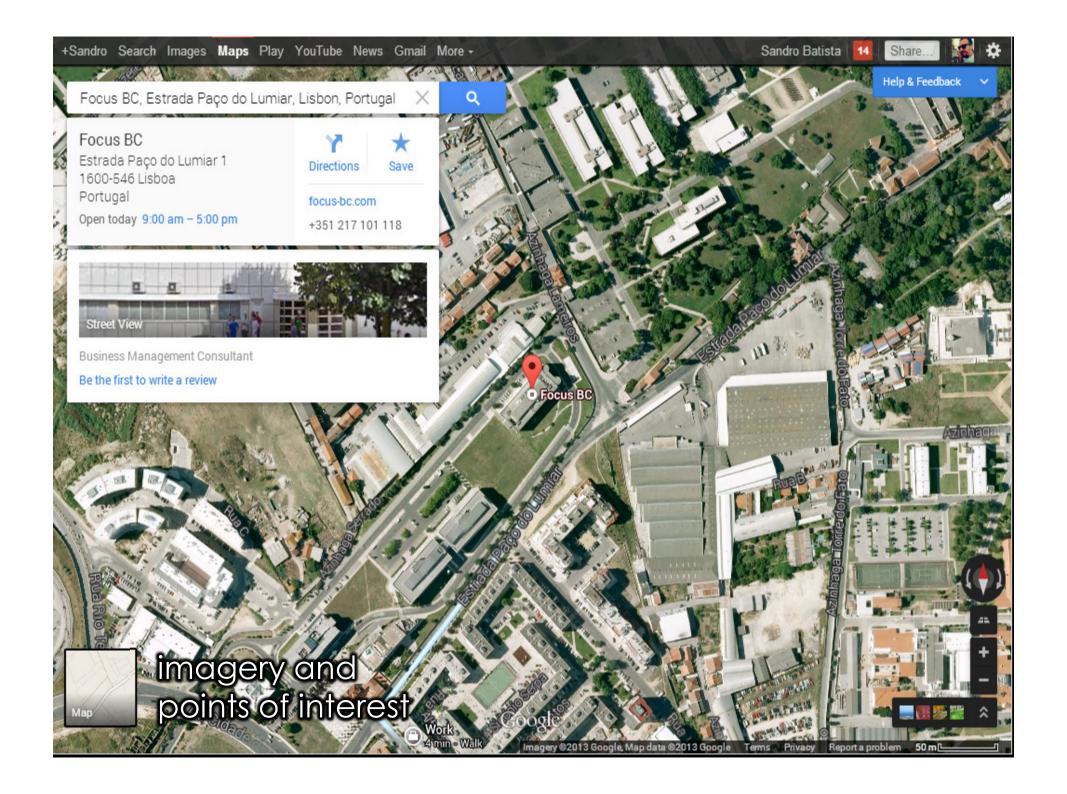


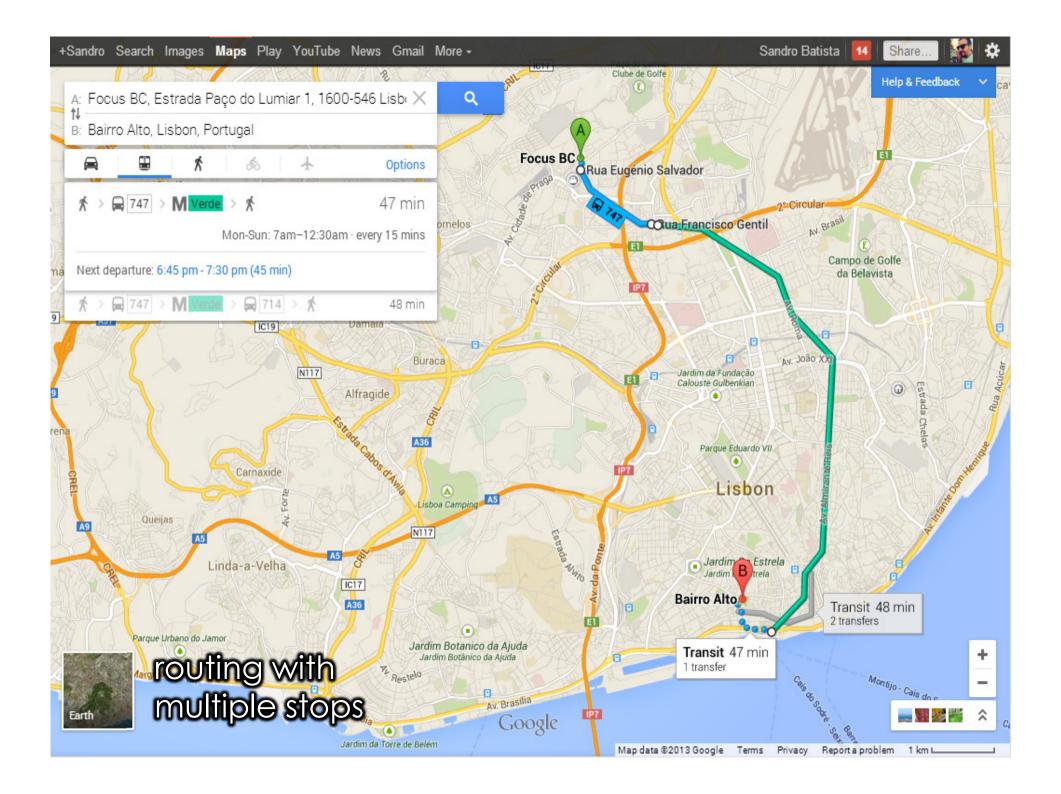
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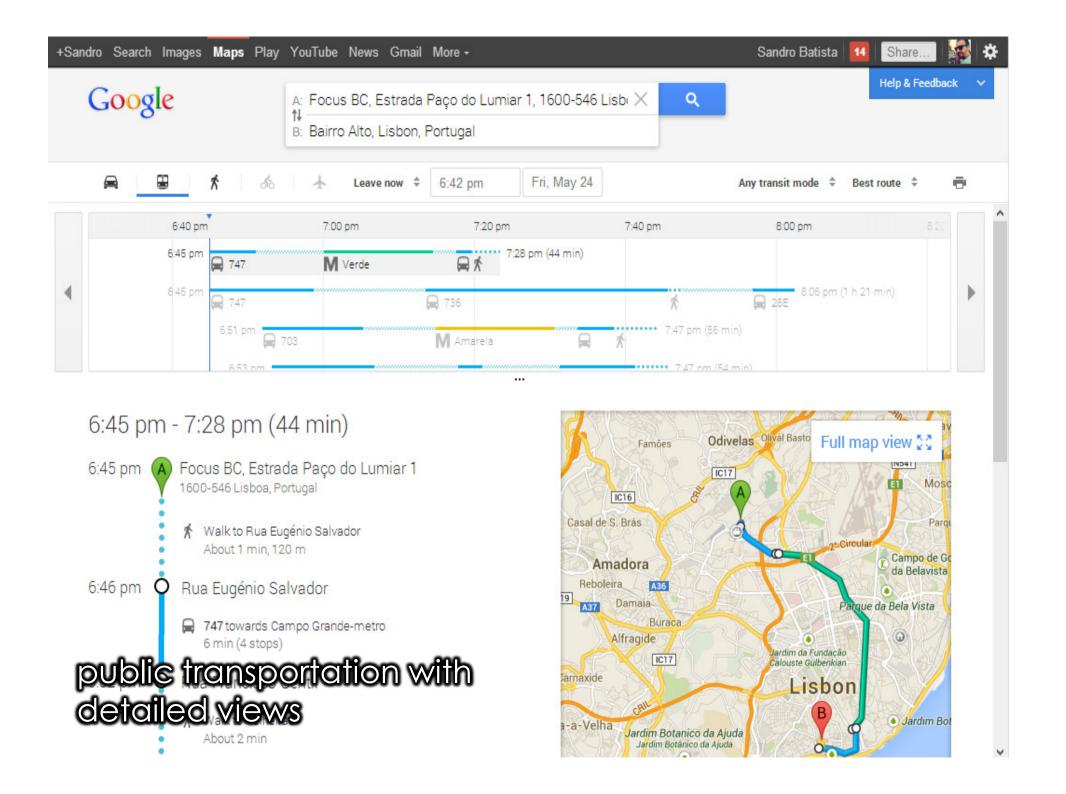


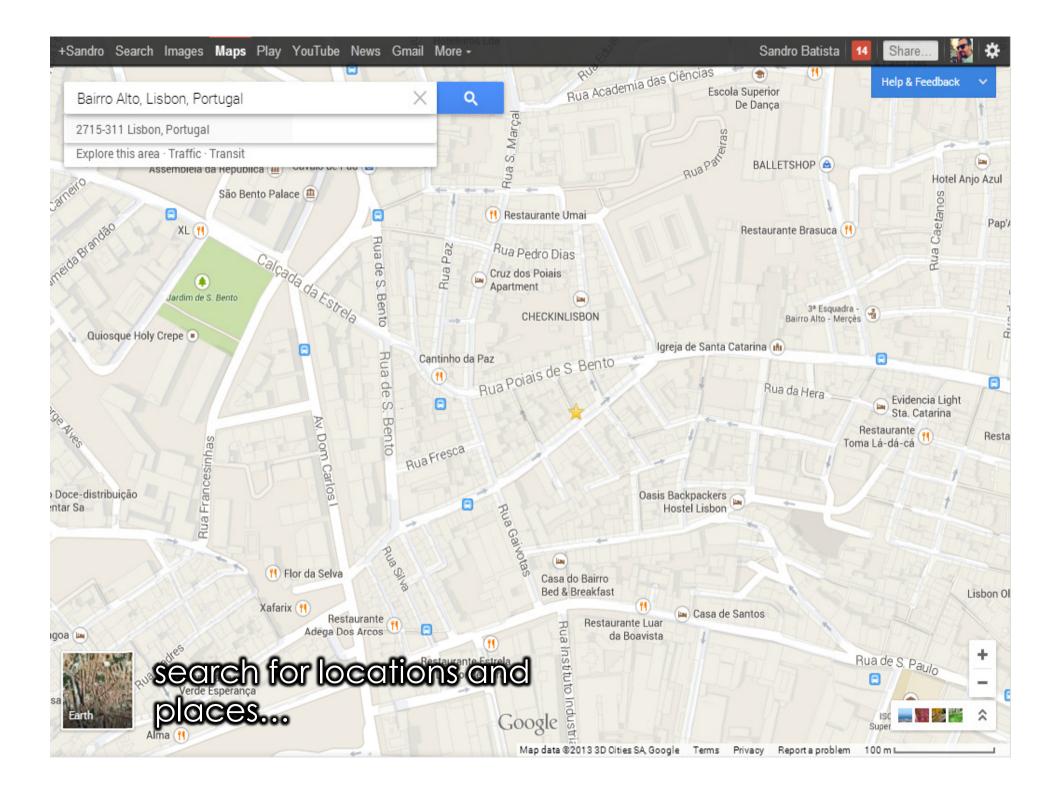


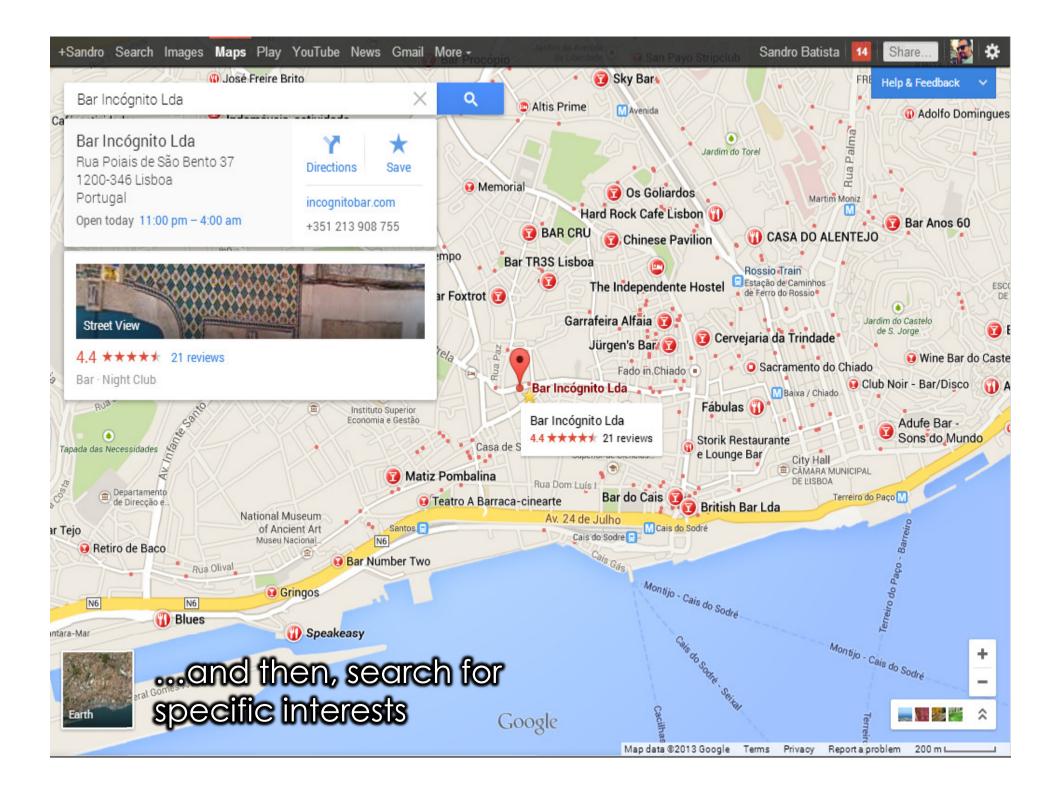


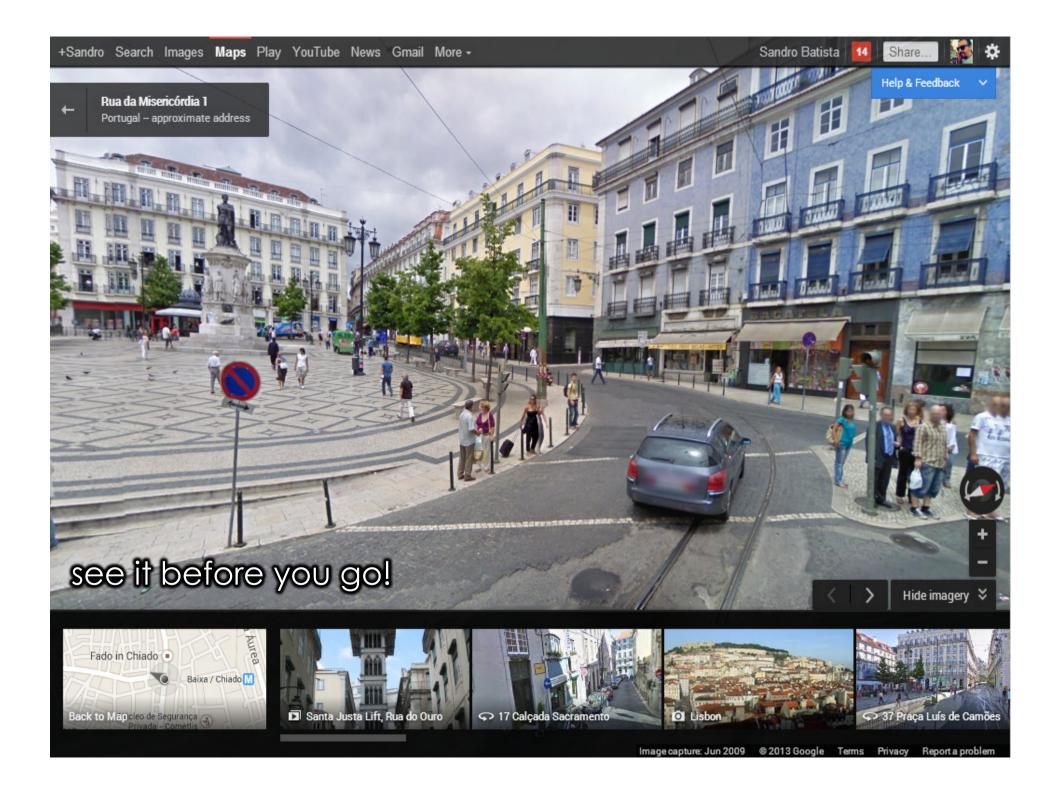


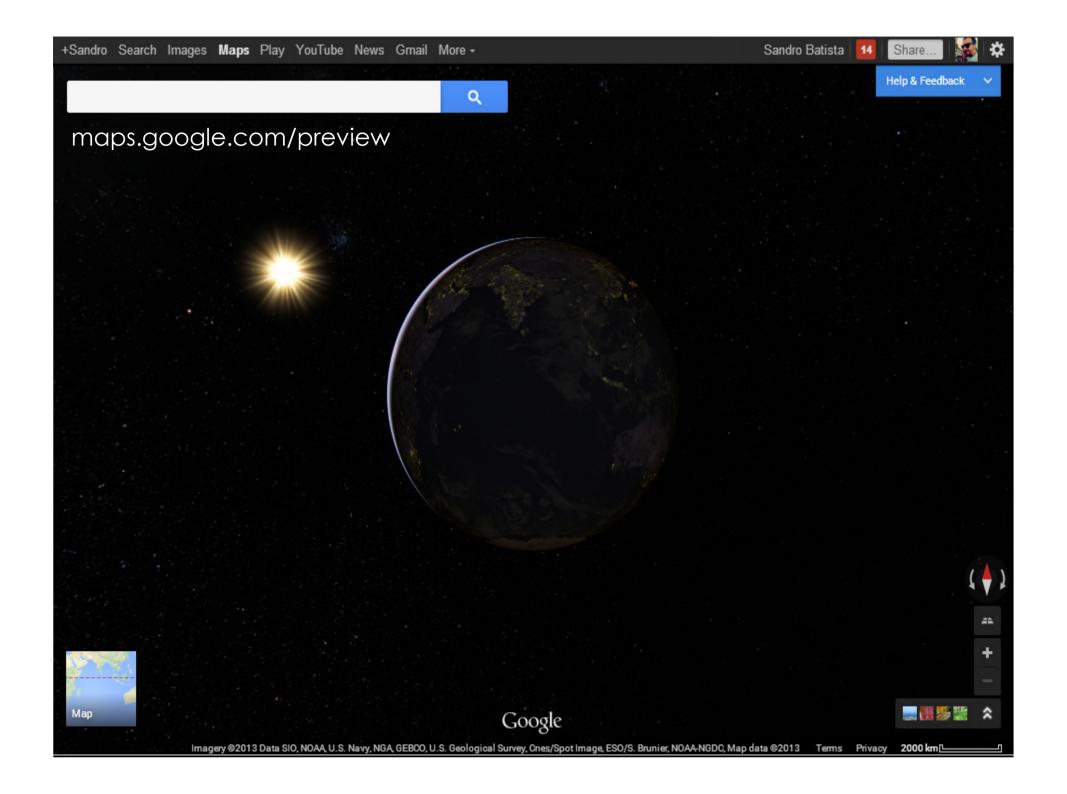


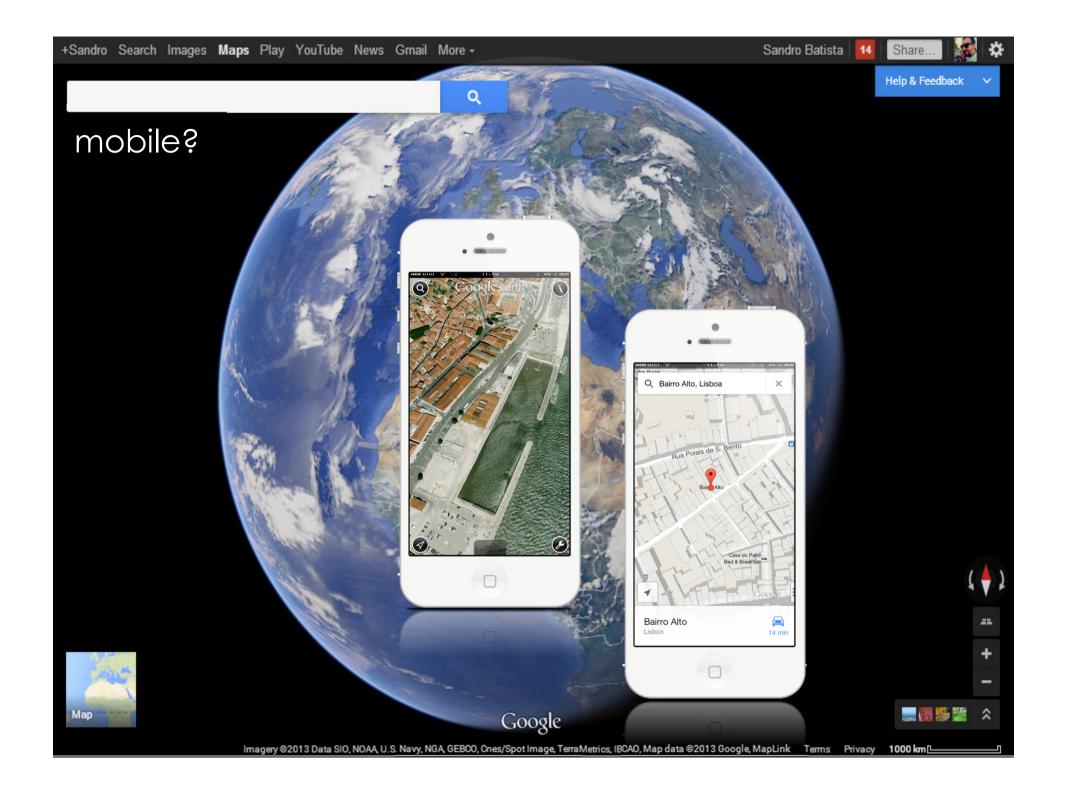


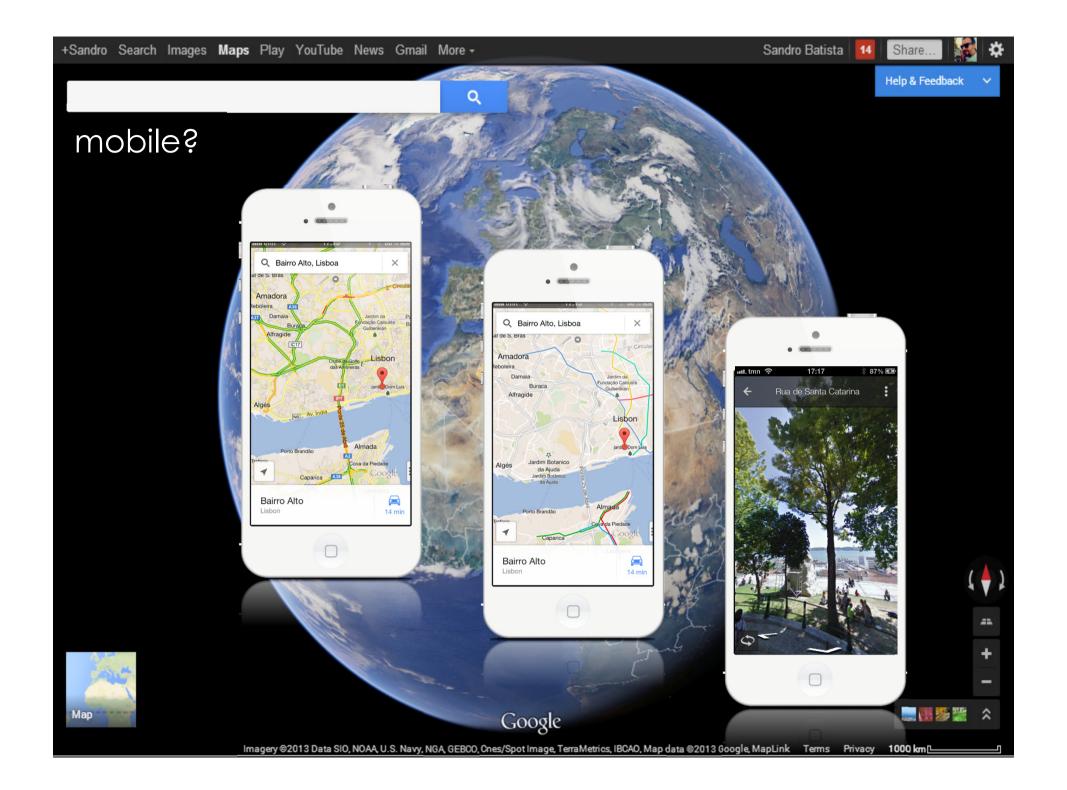


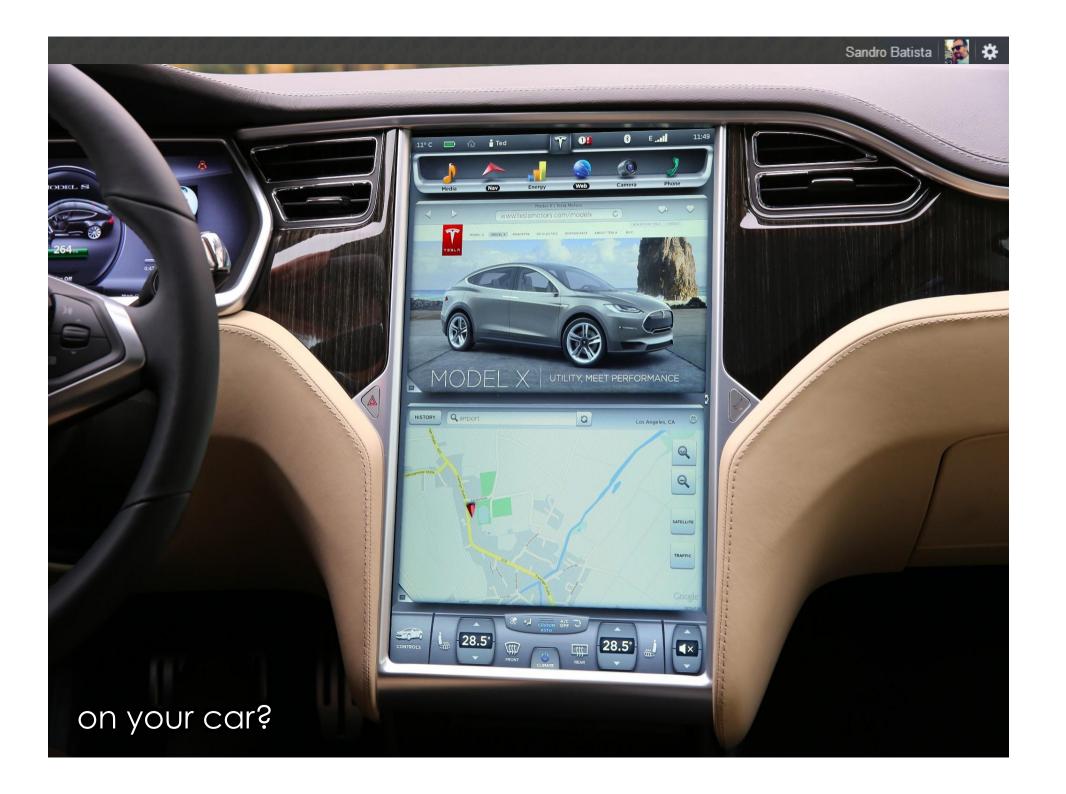


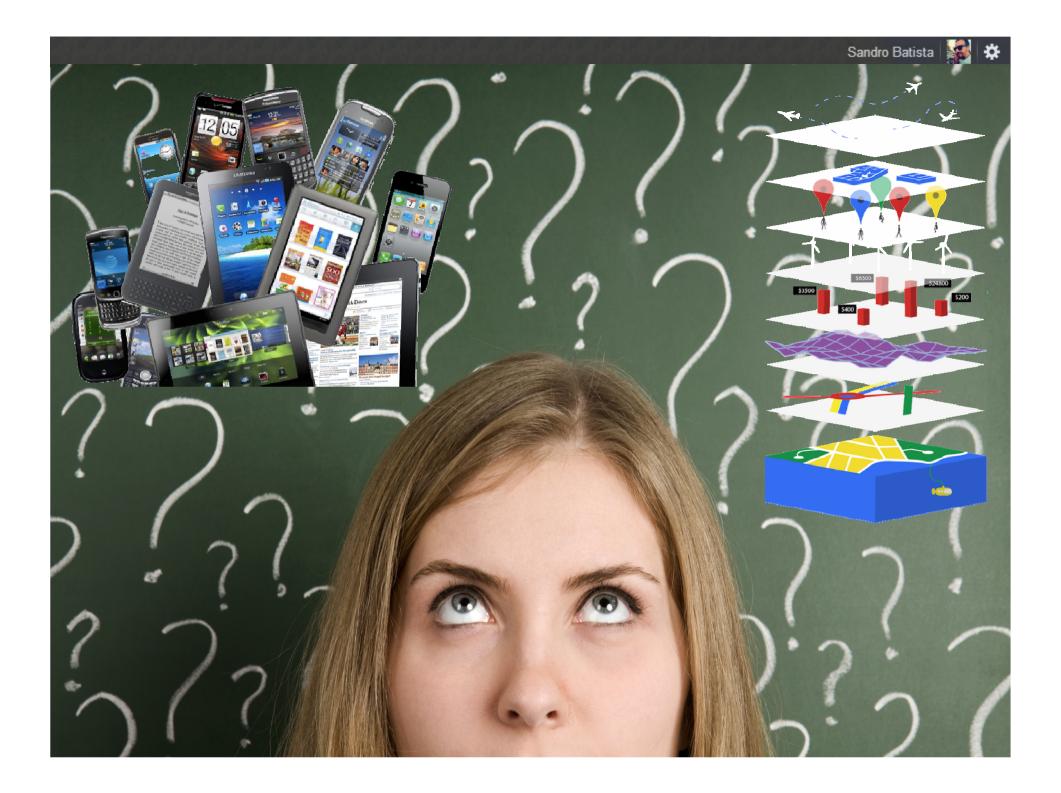
















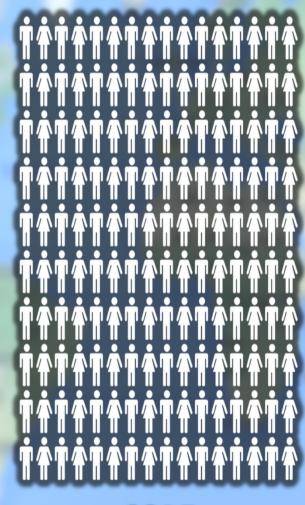
## professionals using systems with a location component



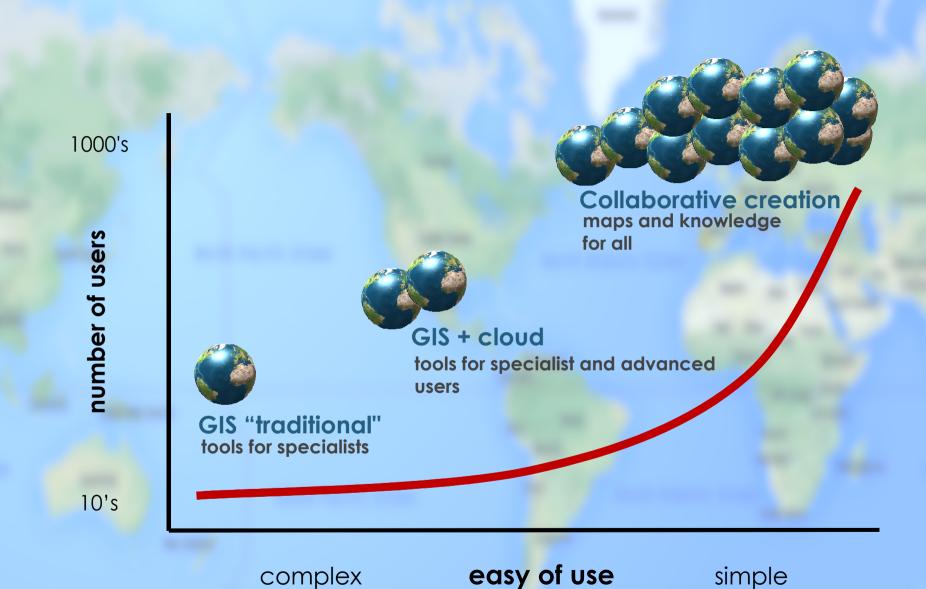
1995

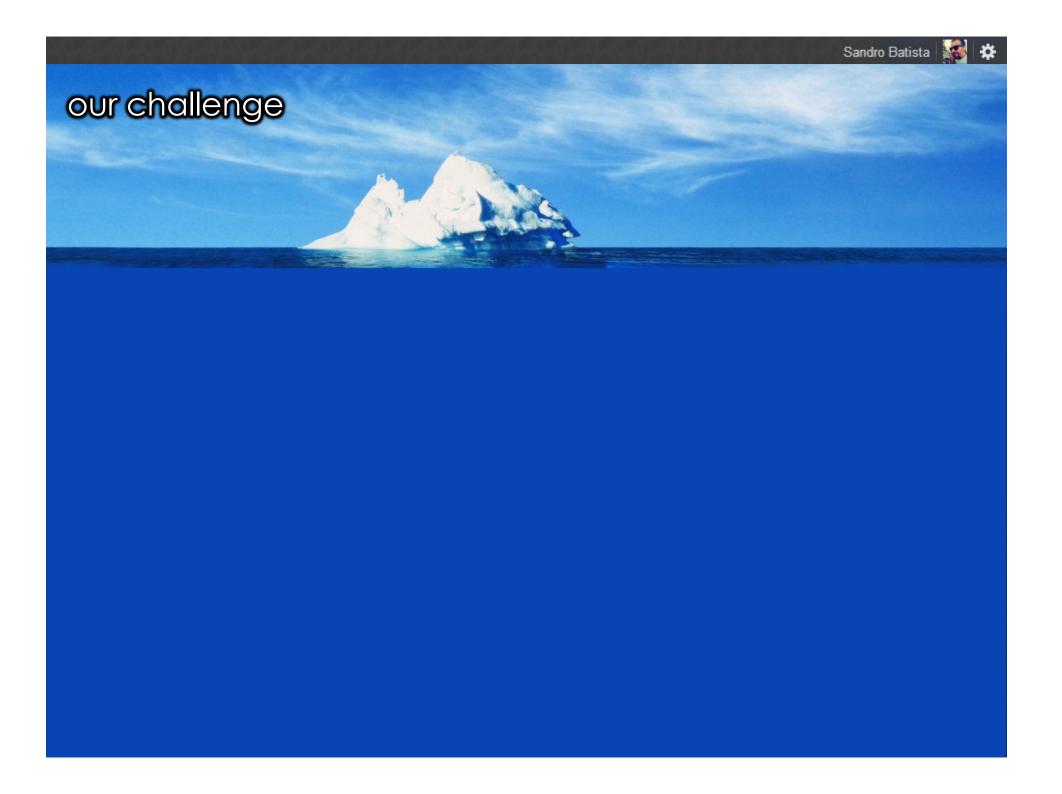


2005

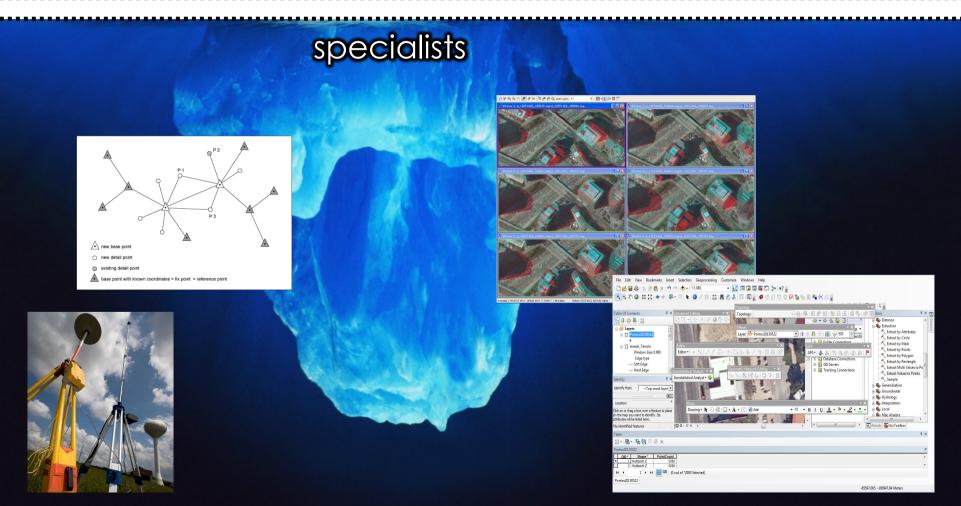


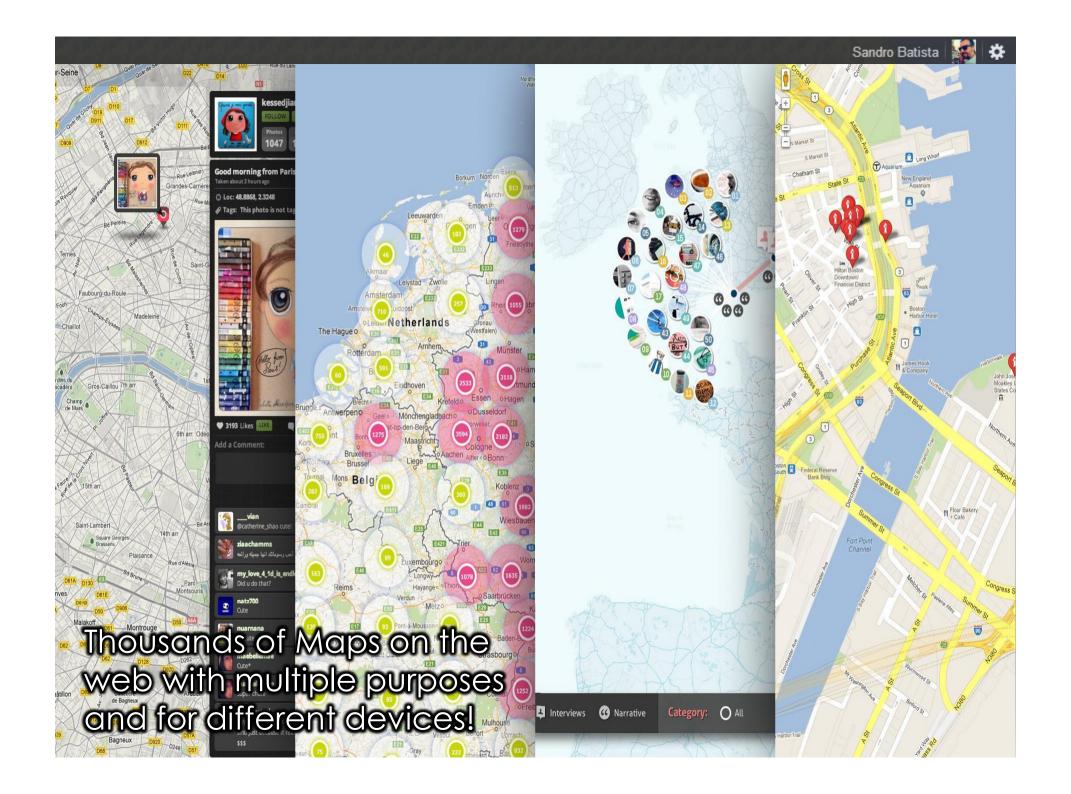
2015





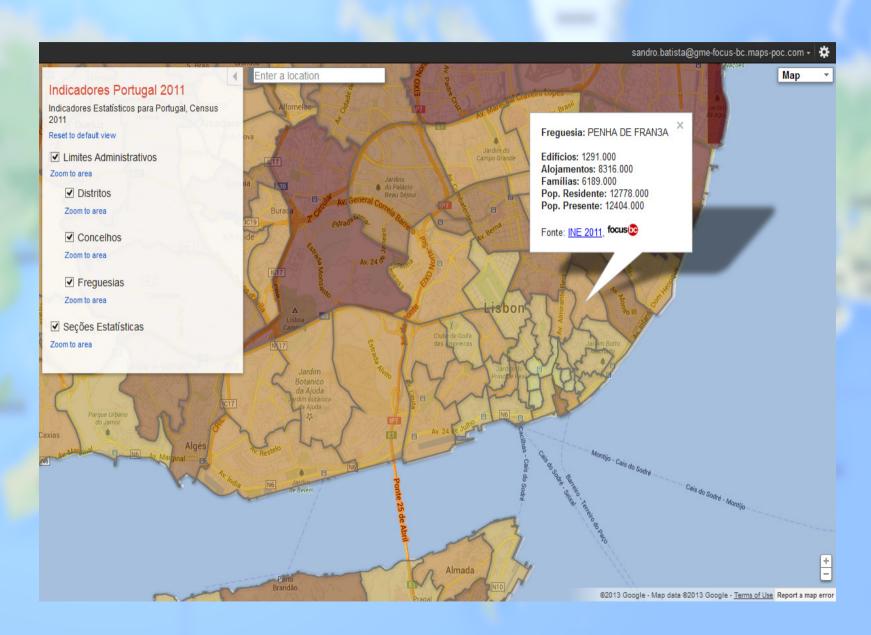






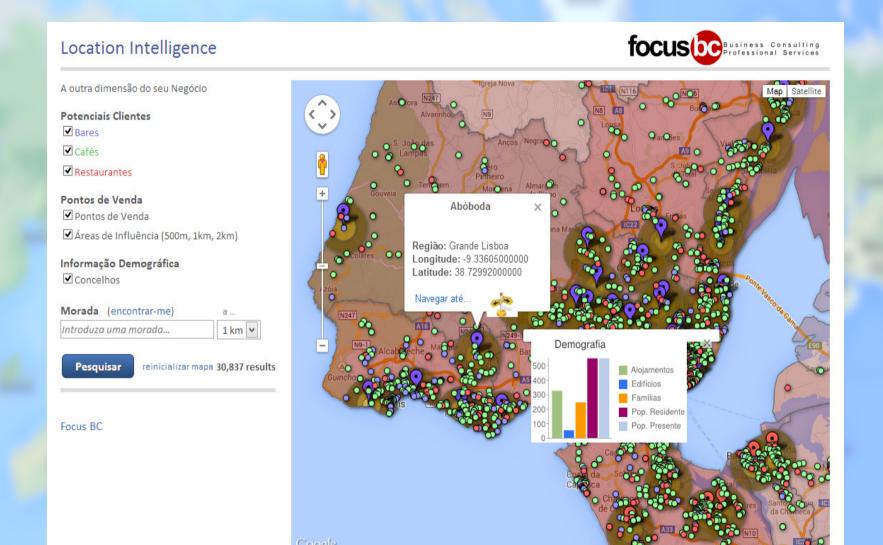






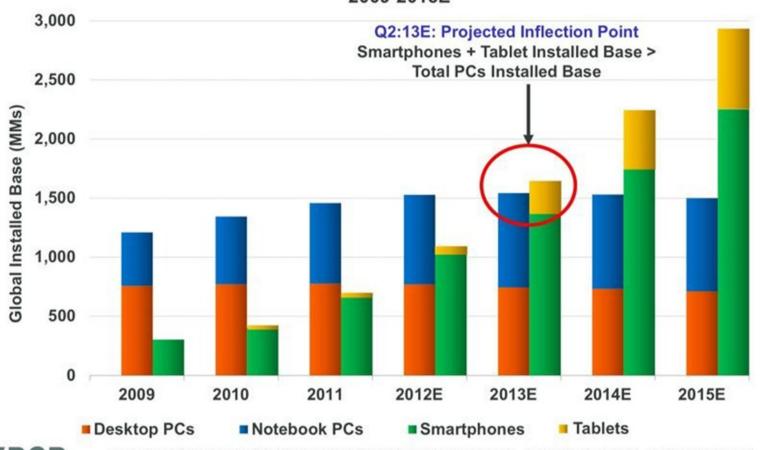








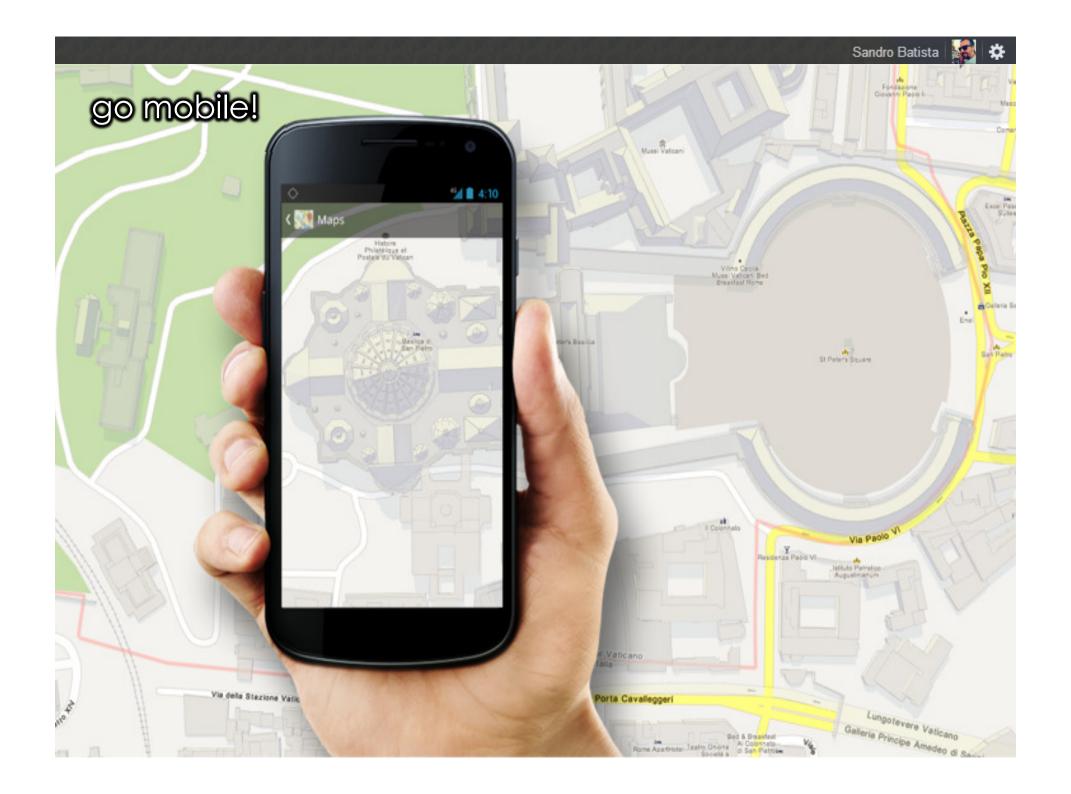
Global Installed Base of Desktop PCs + Notebook PCs vs. Smartphones + Tablets, 2009-2015E

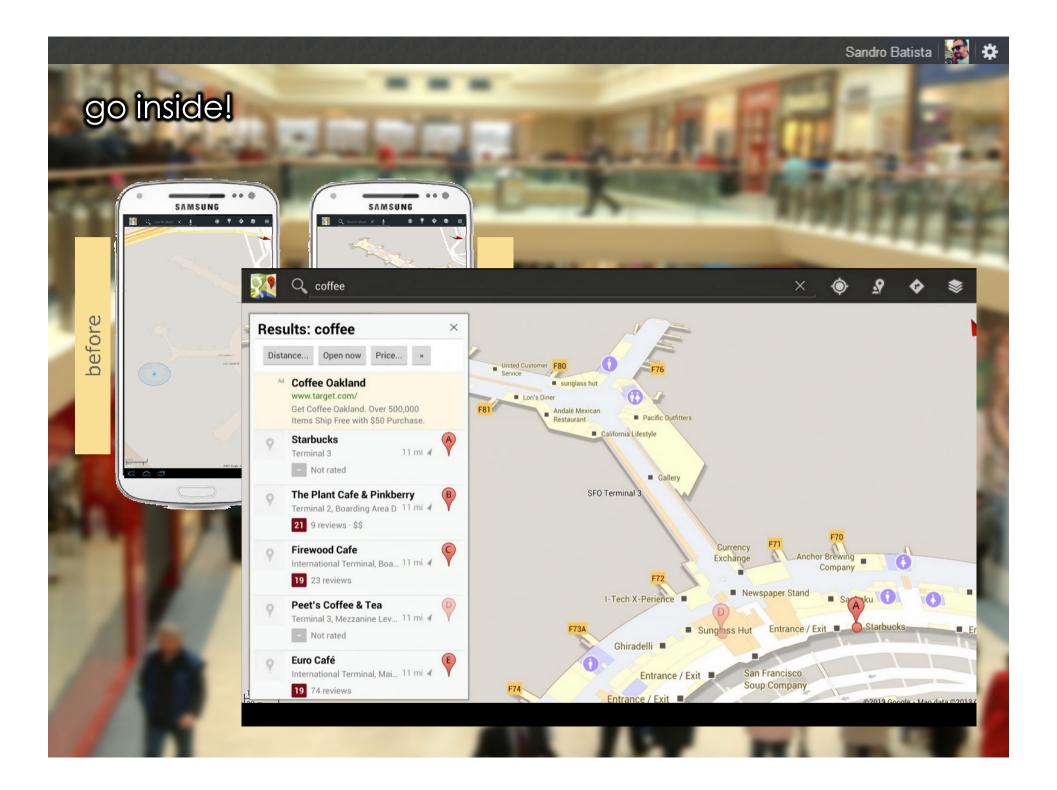


**KPCB** 

Note: Notebook PCs include Netbooks. Assumes the following lifecycles: Desktop PCs - 5 years; Notebooks PCs - 4 years; Smartphones - 2 years; Tablets - 2.5 years, Source: Katy Huberty, Ehud Gelblum, Morgan Stanley Research, Data and Estimates as of 9/12.

Top U.S. Mobile Apps Ranked by Unique Visitors (000) Source: comScore Mobile Metrix, Age 18+ on iOS & Android Platforms, U.S., December 2012 Facebook 85,574 Google Maps 74,631 Google Play 61,461 Google Search 60,587 Gmail 53,934 YouTube 52,572 Pandora Radio 48,023 Apple iTunes 45,884 Cooliris 42,927 Yahoo! Messenger 36,124

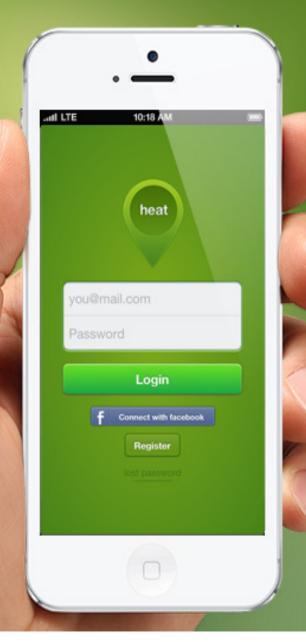








## go social!





heat is the way to know where the heat is!





share some heat







