



GADGETS AT PBP

PHONES, GPS, APPS

PLANNING YOUR GADGET STRATEGY

- What are you willing to pay?
- What services do you need?
- How 'real-time' are your needs?
- How will you power your gadgets?



DECIDE WHAT SERVICES YOU NEED

- Voice
- Data
- Messaging
- Maps
- GPS
- Social Media
- Photo



USE YOUR OWN PHONE – SERVICE PLANS

- Add international service to your plan
 - Check with your provider – plans vary
 - Voice, data, text can be added separately
 - Simplest but potentially most expensive
- Example (AT&T iPhone on Mobile Share Contract)
 - AT&T Passport – 120 MB data, \$1/min calling, unlimited texts (\$30)
 - AT&T Passport Plus – 300 MB data, \$0.50/min voice, unlimited text (\$60)



BUY A NEW PHONE

- Cheap 'burner' phones are available everywhere
- Pay-as-you-go
- Across the street from the Hôtel Campanile in George Pompidou Square
- Price depends on services you need



USE YOUR OWN PHONE – SIM

Unlock your phone and buy a SIM

- By law you can unlock your phone. But...
- Does your provider and plan allow you to unlock your phone?
 - You must own the phone (i.e. no contracts)
 - Your phone must use a SIM (most phones)
- Your phone may 'just work' (e.g. iPhone 5 and later)
- Check with your provider
- Replace SIM, setup, backup, erase, restore
- SFR seems to have the best priced plans for Americans with smartphones
 - 15 Euro for 10 days (+ 10 SIM chip) - 1 hr local voice, 500 texts, 500 MB data

Can't unlock your phone? Buy a used phone

- Depends on the service you want
- Buy used phone on eBay or Amazon as cheap as \$20
- Add a SIM



USE YOUR OWN PHONE – APPS AND WIFI

Voice

- Skype , MobileVoip, ooVoo (free)
- Example: Skype (free app-to-app, 2.3 cents/min mobiles and landlines)

Data

- Disable cellular data and only use WiFi (free)
- Store needed info as documents

Messaging

- WhatsApp, Facebook Messenger, Slack, Kick, etc. (free-ish)

Maps

- Use off-line maps instead of Google or Apple on-line maps (free)
- Open source maps (free)



USE YOUR OWN PHONE – LIMIT DATA USE

- Turn off automatic email downloads
- Disable 'Cellular Data' / 'Data Roaming' except when you need it
- Disable software and app downloads and updates
- Disable background app refresh
- Audit your location services and minimize use
- Airplane mode is your friend



KEEPING YOUR GADGETS POWERED

- Check you power adapter (110-220v)
 - It may 'just work' (e.g. apple rechargers)
- Adapters vs Transformers
 - If marked 110-220 it will work with just an adapter
 - If only marked 110v it will require a more expensive and much heavier transformer and adapter
- On the bike
 - Limit use
 - USB portable power chargers
 - Taps on Dynohub
 - Dedicated devices (Busch and Muller eWerk)
 - Headlight port (Luxos U)



GPS / GARMIN

- Watch the SFRandon forum for links to the newest RideWithGPS maps
- The route has changed this year, especially the start location and Brest
- Split your GPS into at least two segments



REFERENCE LINKS

List of hub dynamo power supplies for USB devices

- <http://cyclingabout.com/list-of-hub-dynamo-power-supplies-for-usb-devices/>

Recent review of portable USB battery chargers

- <http://www.digitaltrends.com/mobile/best-portable-battery-chargers/>

Prepaid SIM Card Wiki

- <http://prepaid-data-sim-card.wikia.com/wiki/France>

SFR SIM Cards

- <http://www.sfr.fr/telephonie-mobile/sfr-la-carte/welcome/#>

Apple Support page for 'Wireless carrier support and features for iPhone' to see if they can unlock your phone

- <http://support.apple.com/en-us/ht1937>

Open Street Map project:

- http://wiki.openstreetmap.org/wiki/OSM_Map_On_Garmin/Download

