WELCOME

- Safe space
- Productive space
- Affiliations
- Agenda and style
TECHNOLOGY

“Community technology”

=  

“Technology that's accessible to communities for community purposes, built by the community.”
ACCESSIBLE TECHNOLOGY

- Human centered and human scaled
- It is easily replicable and understandable
- It focuses on locally available resources
- Tends to be labor intensive but energy efficient

*Definition from 2012 blog post by Tim Barker and Bob Corker for the Koanga Institute*
SOLIDARITY

“Solidarity economy”

= 

“Show solidarity through economic democracy”
@wlanslovenija in Sentilj, Slovenia
Culture Radio, Sierre Leone, 2015, “Ebola Bye Bye”, MiCT
SOME ECONOMIC DEMOCRACY TOOLS

- Community land trusts
- Worker co-operatives
- Alternative currencies
- Time banking
- Membership networks
- Social benefit corporate structures
ECONOMIC DEMOCRACY IN ACTION

• Dudley Neigborhood, Boston (DSNI)
• Mondragón, Spain (MCC)
• Dreaming New Mexico
• Operation Resilient Long Island
• Vancouver Public Space Network
WHY?

• Gain power through mutual benefit
• Kindred spirits (values)
• Decide who owns the digital commons
• Decide who controls the sharing economy
SOME COMMUNITY TECHNOLOGY TOOLS

• Communications over mesh networks and radio
  – PirateBox; EnigmaBox; CommunityBox; SatNOGS; PocketFM; VillageTelco; KORUZA

• Encrypted communications
  – Thunderbird e-mail client with Enigmail; Signal (SMS); Tails (OS); Ring (VOIP, chat); Keybase (browsers); cjdns (over networks); Let’s Encrypt (certs)

• Monitoring and tracking
  – PublicLab; WikiMonitor; FollowTheMoney; OSM; HOT; Ushahidi; QGIS
INFORMATION RESOURCES

• LibreTech information resources
  - Free Software Foundation; Electronic Frontier Foundation; Open Knowledge Foundation; Open Society Foundation; Open Data Institute; Fight for the Future; Tactical Technology Collaborative

• Community-building information resources
  - Asset-Based Community Development Institute; The Hardwood Institute; Interaction Institute for Social Change; Living Cities; Intercontinental Network for the Promotion of Social Solidarity Economy; Grassroots Economic Organizing; Democracy at Work institute

• Markets and open communities
  - Farm Hack; Libre3D; Pirate Bay; Poppy (robotics); Quirky (inventions); OpenBazaar (goods); Open Source Design; OpenStructures (modular construction); OpenWear (fashion); Streetbank; WikiHouse
EXAMPLE:
A LIBRETECH TOOLCHAIN IN AN EMERGENCY

Group of principals in South Florida

+ Flooding

+ Immunization records
EXAMPLE:
A LIBRETECH TOOLCHAIN IN AN EMERGENCY

Solar panel → Generator → Computer (OS) → GUI → Volume Mount → Data → Web server → Router → Backbone → Client
TOOLCHAINS FOR DIRECT ACTIONS: HOW DO?

From disasters to economic democracy (communications)

Solidarity through the instruments of economic democracy (market-making)

Place-based, resource-rich caches (buy-in)
ORGANIZING TACTICS

• OLD SCHOOL TACTICS
  − Call trees; door-knocking; slowdown; work to rule; good work strike; selective strike; sitdowns; whistle blowing; sit in; sick in; monkey-wrenching

• HACKTIVIST TACTICS
  − Grey Tuesday (swarms); DDoS (traffic disruption); Doxing (public identification); media hacking; scam baiting (social engineering); culture jamming

• SOLIDARITY TACTICS
  − ?
DISCUSSION