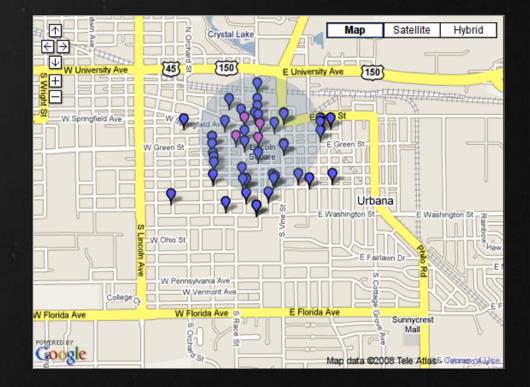
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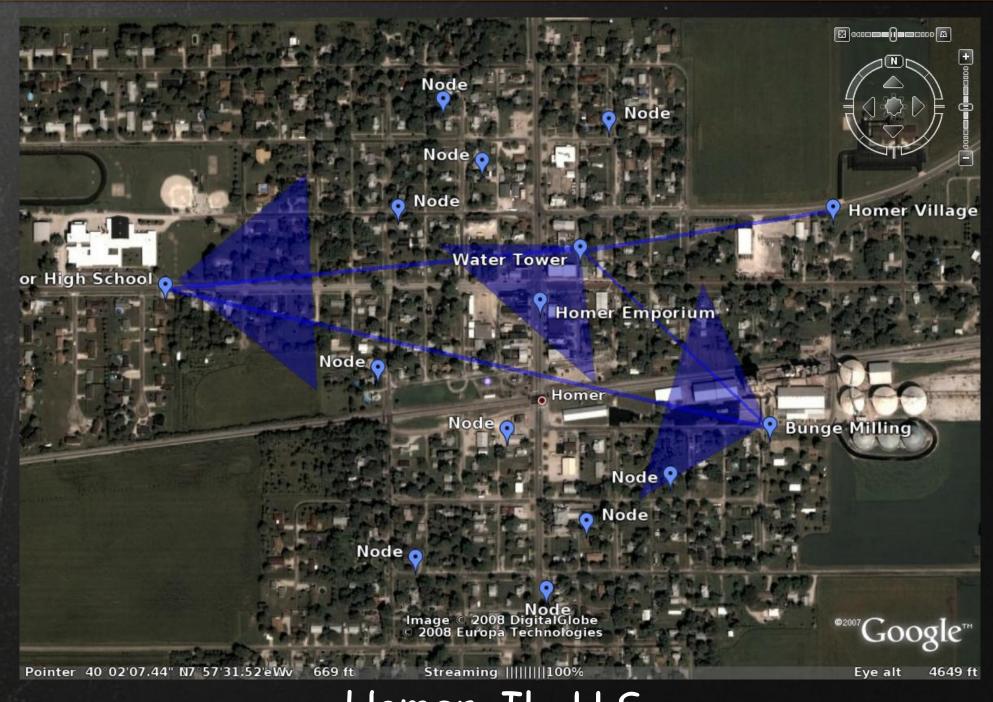
Community Networks IPv6 Allocation

What is a Community Network?

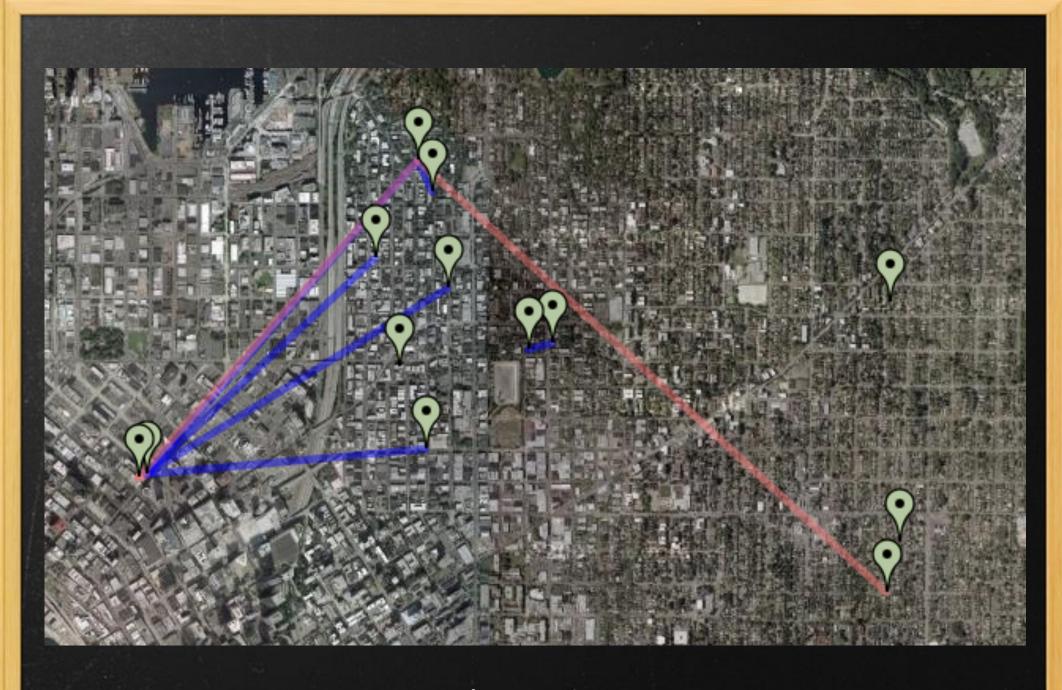
- A network established to provide services to a certain geographical area as a supplement or alternative to a traditional ISP.
- Usually associated with a not-for-profit organization or loosely organized collection of individuals.
 Operated for the benefit of the residents of the service area.



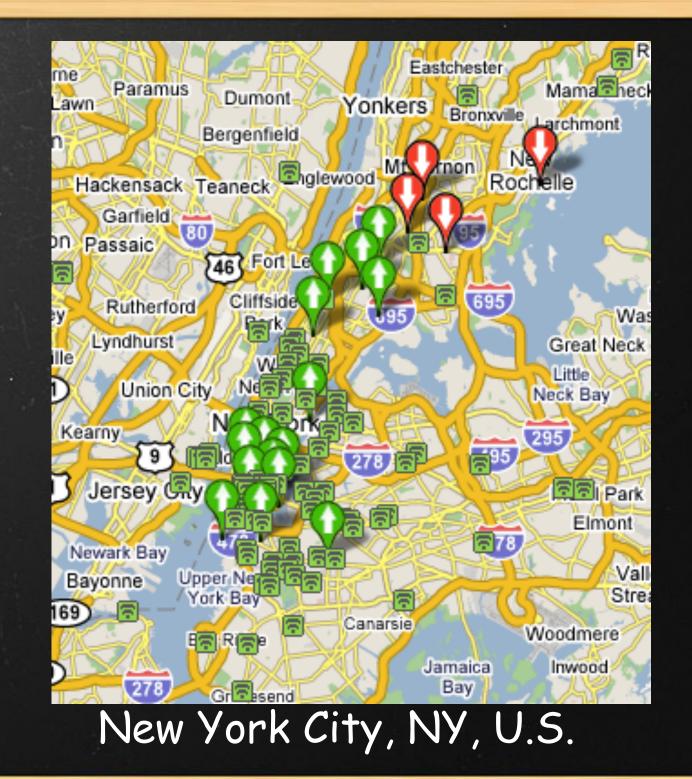
Champaign-Urbana, Illinois, U.S.

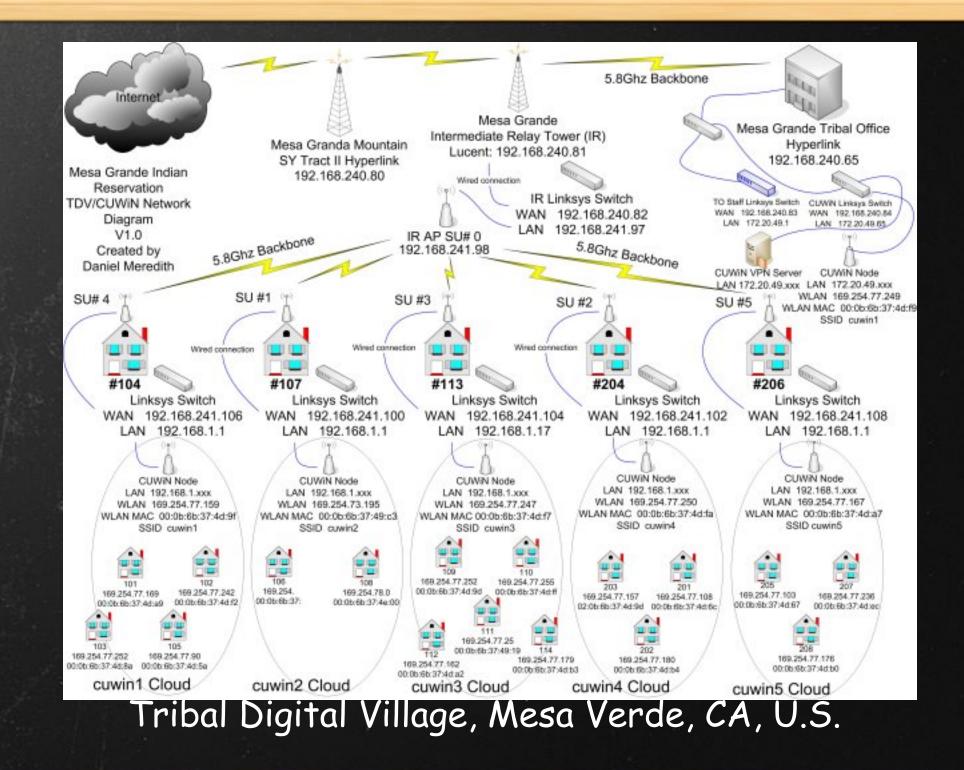


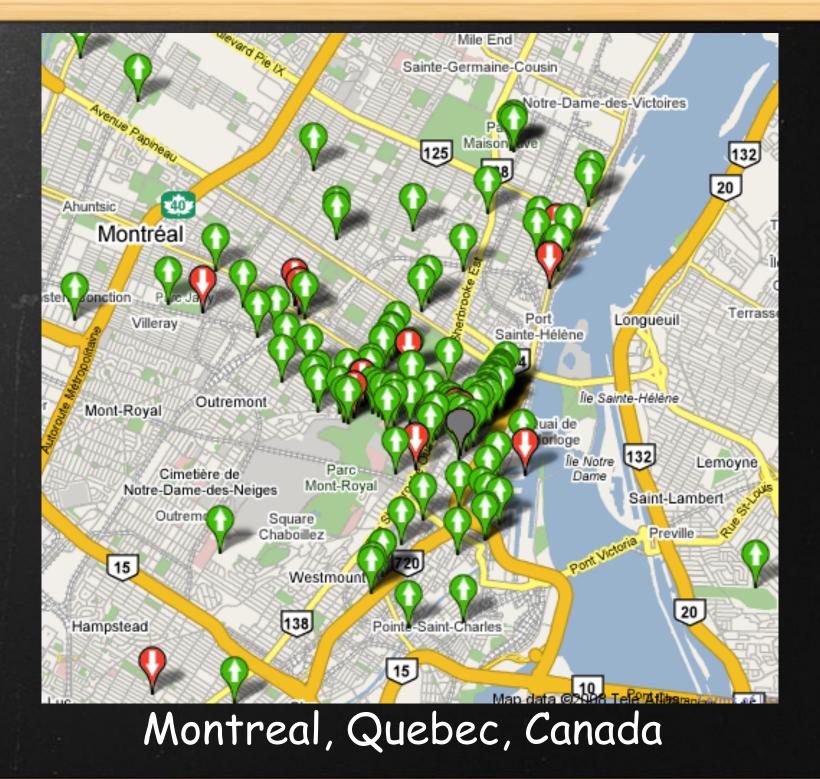
Homer, IL, U.S.

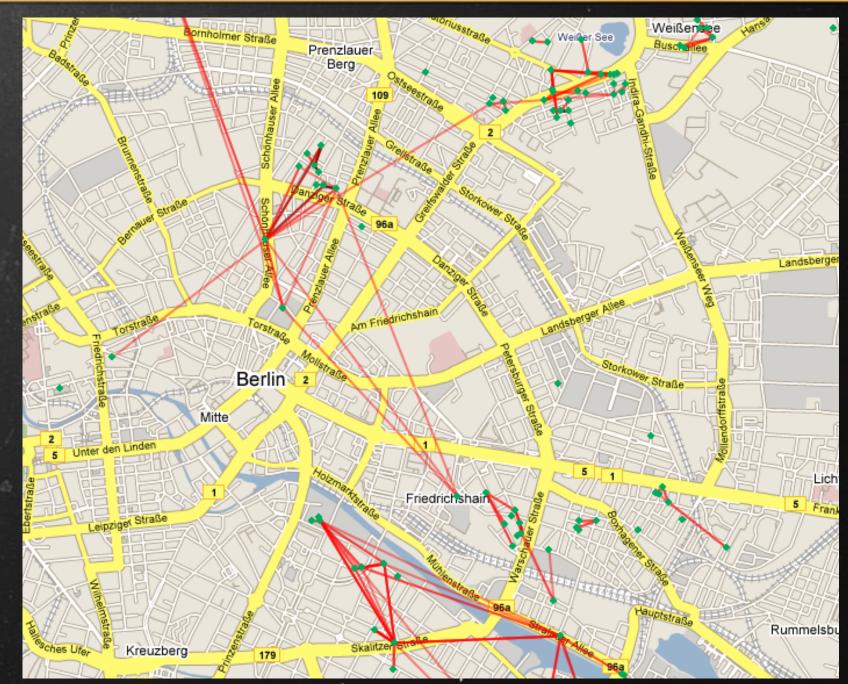


Seattle, WA, U.S.

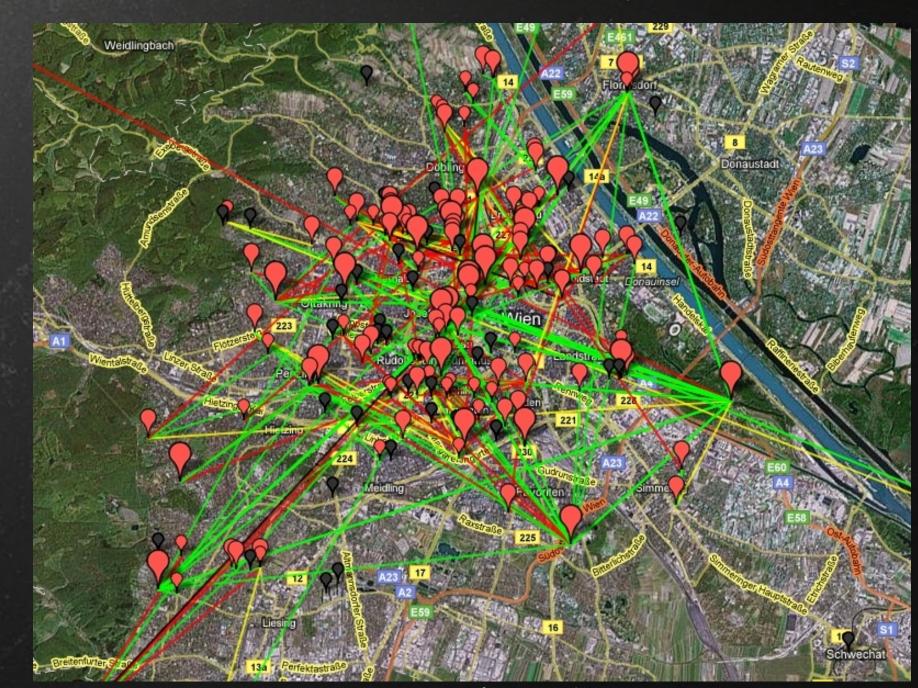








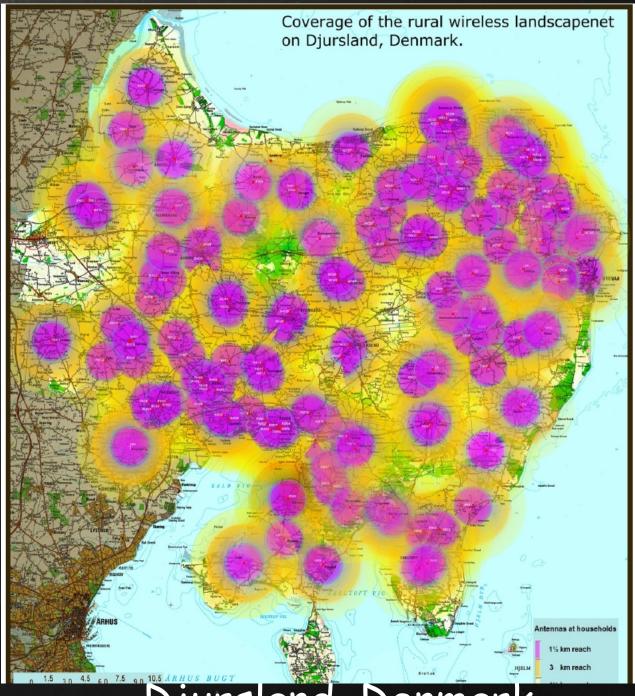
Berlin, Germany



Vienna Austria -- Already Using IPv6



Djursland, Denmark



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Czech Republic



Why do they need IPv6?

Many (most) community networks support IPv6, but want to make that capability externally routable.

- Simplify network management and architecture.
- Facilitate content production and hosting within communities (i.e., Intranet services & applications).
- To support "device-as-infrastructure" networking.
 Research and development.
- To help close the digital divide (a.k.a. facilitate affordable broadband).

Why a new policy?

• Reluctant service providers. Multipoint connectivity. • LIR vs. End-User Not a traditional end-user, because providing connectivity and services. Not a traditional LIR, because often no real "customers." Often are decentralized, ad-hoc, and/or "ownerless."