

Grassroots Radio

REDESIGN COMMUNITY RADIO TECHNOLOGY FROM SCRATCH



Web site: <https://grassrootsradio.eu/>
 Twitter
 Facebook
 Contacts:
 Project management
 Project communication

PARTNERS



The Grassroot Wavelengths project is funded through the European Commission's Horizon 2020 framework, under the forward-looking Collective Awareness Program (ICT-11)



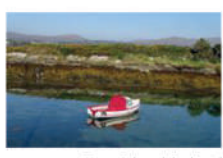
COMMUNITIES

The internet has helped to bring people together from all over the world, but it has not helped neighborhoods or communities nearly as well. The Grassroot Wavelengths project is piloting solutions for community information platforms and media pluralism, working to:

- lower the barriers to start and sustain a community radio station
- create regional and European-wide networks of stations that can pool community-level resources
- co-innovate collaborative media services
- increase the permeability and impact of those stations through a combination of existing digital and nondigital technologies

Grassroots Wavelengths brings together engineers, social scientists, artists, designers, and communities to redesign community radio technology from scratch.

GW will start in three rural communities: the islands of Western Ireland, the Danube Delta in Romania, and the island of Madeira in Portugal. Often called "peripheral," these communities are typically not considered epicenters of new technology development. The needs for communication is no less in such communities, though they are different. While the technology being developed will work just as well in more urban areas, we are developing GW to work in rural areas first.



Bere Island, Ireland



Danube Delta, Romania



Madeira Island, Portugal

RADIO FOR A NEW CENTURY

At a time when vinyl record sales have reached a 25 year high, it is clear that old media are not necessarily obsolete. Radio is a great case in point. In particular, small community radio stations provide a platform for local information and community deliberation. Community radio has been growing around Europe. Grassroot Wavelengths (GW) seeks to increase the capacities of these stations, while at the same time making them less expensive and more simple to operate. Our goal is to dramatically increase the number of stations in Europe and around the world. We start from peripheral and rural areas, usually most in need of local media

GW is built on the RootIO radio platform, a free/open hardware and software stack that allows the creation of a station based on an inexpensive smart phone.

Community members listen on FM radio, and interact with the station through the Web and their phones.

