

TELECOMMUNICATIONS			
NGO Name	Theme	Challenge	Contact
<a href="#">Fondation Hironnelle</a>	Bandwith optimization	In each of our projects we are facing very challenging broadcasting problems. Due to poor network infrastructures and non-reliable power sources, most of our programs rely on satellite-based solutions. Those solutions are not financially sustainable for our partners. We're looking for an innovation in order to optimize bandwidth. It could be through compression algorithm or any solutions from EPFL	Manuel Jagourd <a href="mailto:Manuel.Jagourd@hironnelle.org">Manuel.Jagourd@hironnelle.org</a>
<a href="#">Fondation Hironnelle</a>	Emergency radio stations	In order to save lives during sudden-onset emergencies, we are designing a mobile radio station which can be deployed within 48 hours. To be more effective we need to add a GSM solution to the main FM capacity. This device must be Operators and Equipment's free within an easy to deploy form factor. (Size, power sources, user friendly and which can be appropriated by local partners)	Manuel Jagourd <a href="mailto:Manuel.Jagourd@hironnelle.org">Manuel.Jagourd@hironnelle.org</a>
<a href="#">Fondation Hironnelle</a>	Monitoring	Monitoring our networks of Global South medias partners, regarding equipment, broadcasting, content and feedback. e.g. Power supply failure, broadcast signal loss, content compliance, recovery and analysis of collected data. We are facing this challenge in each of our countries' programs. (Sahel region, CAR, DRC, Madagascar, etc.)	Manuel Jagourd <a href="mailto:Manuel.Jagourd@hironnelle.org">Manuel.Jagourd@hironnelle.org</a>