

# Measuring Effectiveness of Tech Innovations in Int'l Development



## Frontier Technologies (Global)

- The [FT Hub](#) uses lean and agile methods to test and scale tech with the potential for positive social impact.
- We are applying adaptive learning methods to help innovators articulate and validate their Theory of Change, assess readiness for scale (and affiliated needs), and estimate their development impact
- Effectiveness measures inform implementers and pilot support teams alike



## Lecture Pour Tous (Senegal)

- R4D has supported Lecture Pour Tous, the national early grade reading program in Senegal, rapidly test different models of using technology to improve continuous teacher education and coaching
- Examples include [testing the use of free text messaging services to encourage teacher interaction](#) and experimenting with various distance based coaching models that use mobile devices

## EdTech Hub

### EdTech Hub Sandboxes (Global)

- the [EdTech Hub's sandbox](#) is an iterative partnership with implementers, wherein data collection and analysis optimize an innovation for impact prior to scale.
- **Example sandboxes include:** [testing radio literacy instruction during COVID](#) for children in Uganda, exploring EdTech tools effectiveness in fostering [distance learning for deaf children](#) in Pakistan



## IDAT (India)

- In India, tuberculosis is widespread; treatment is **6-9 months, tedious, often uncomfortable** → **high levels of poor adherence**
- **GoI & USAID hypothesize** that tech can improve adherence, decrease transmission
  - **Analyze back-end** adherence signal data for “what” plus 16 patient & provider interviews for “how” and “why”