



**ITU GSR**  
PORT VILA 2019



Connect People Everywhere

ITU Global Symposium for Regulators  
*Information Session: From First Mile to Last Mile – Thinking Out of the Box*

11 July 2019

Port Vila, Vanuatu



According to the UN 3.8B of the world's population does not have access to the internet

# BALLOON-POWERED INTERNET



# CONNECTIVITY

# How Loon Works

## Navigate Precisely



by catching currents at  
different altitudes

## Cluster in teams



to provide prolonged  
periods of coverage

## Connect directly



via LTE to deliver Telco  
service directly to the user

# Ease of Deployment

## Weather Resilient

---



Balloons flying above weather at 20km.  
Ground equipment can be stored, moved, mounted.

## Power Resilient

---



Each balloon is solar powered (not reliant on power grid).

## Rapid deployment

---



Balloons launched from Puerto Rico and Winnemucca, Nevada and delivered to serviced regions.  
No local staff involved for activation or deployment.  
No shipment of equipment.  
No logistics.

## Standard Devices

---



System created to support standard LTE handsets.  
Since no terminals need to be distributed, end users can quickly, and transparently, connect