



LOADING RUAPEHU

Ruapehu Digital
Enablement Plan

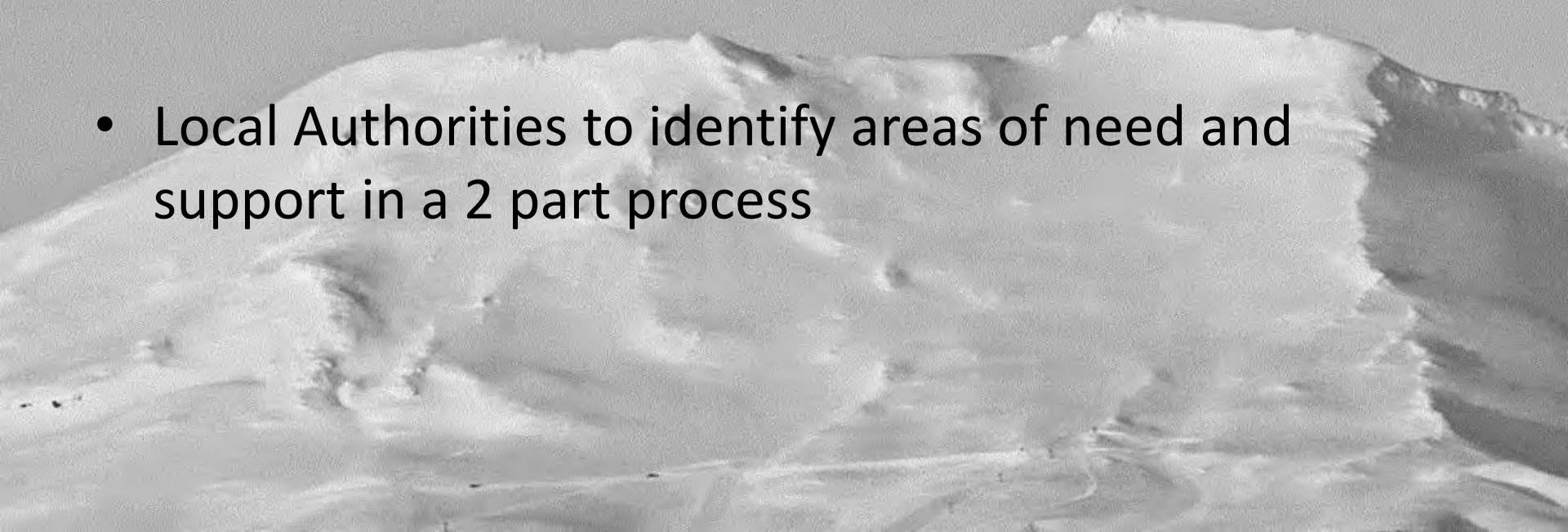
Why is RDC involved?

- Economic Growth
 - “Small and medium sized businesses are the heart of the regional and national economy” Regional Growth Study, July 2015
- Social Benefits
- Educational Benefits
- Quality of Life



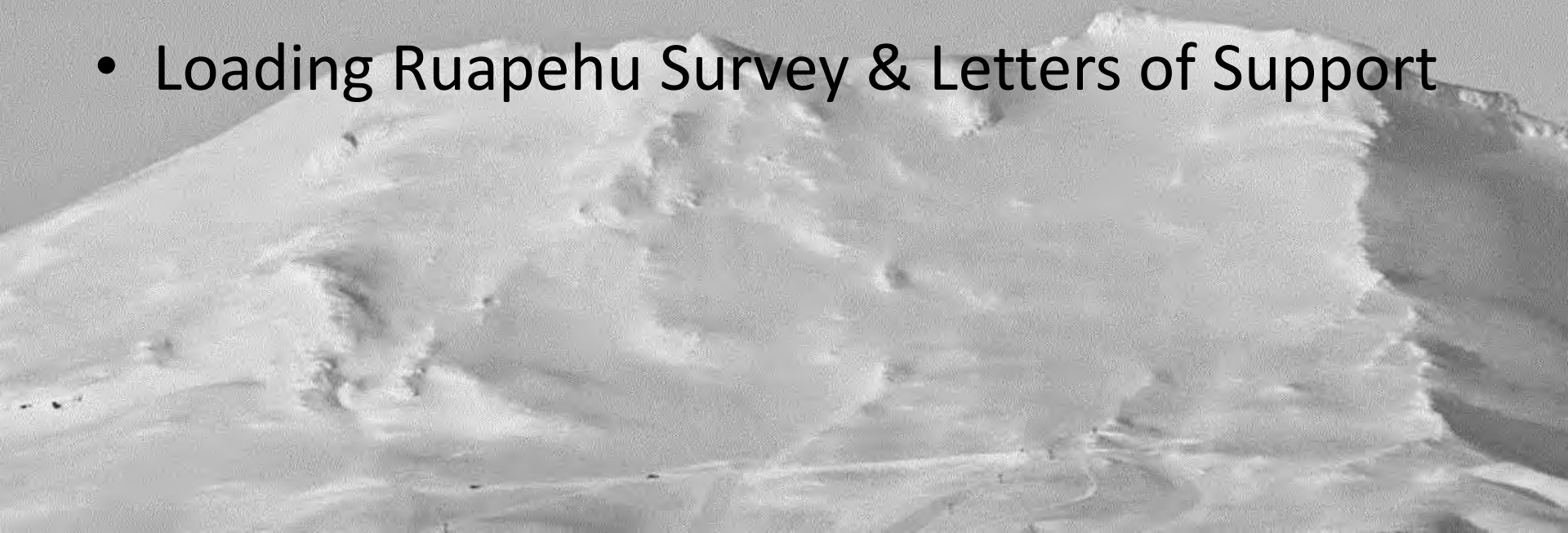
The Roll Out

- Govt. investments:
 - \$152m UFB
 - \$100m RBI
 - \$50m Mobile Blackspots
- Local Authorities to identify areas of need and support in a 2 part process



The Registration of Interest (ROI)

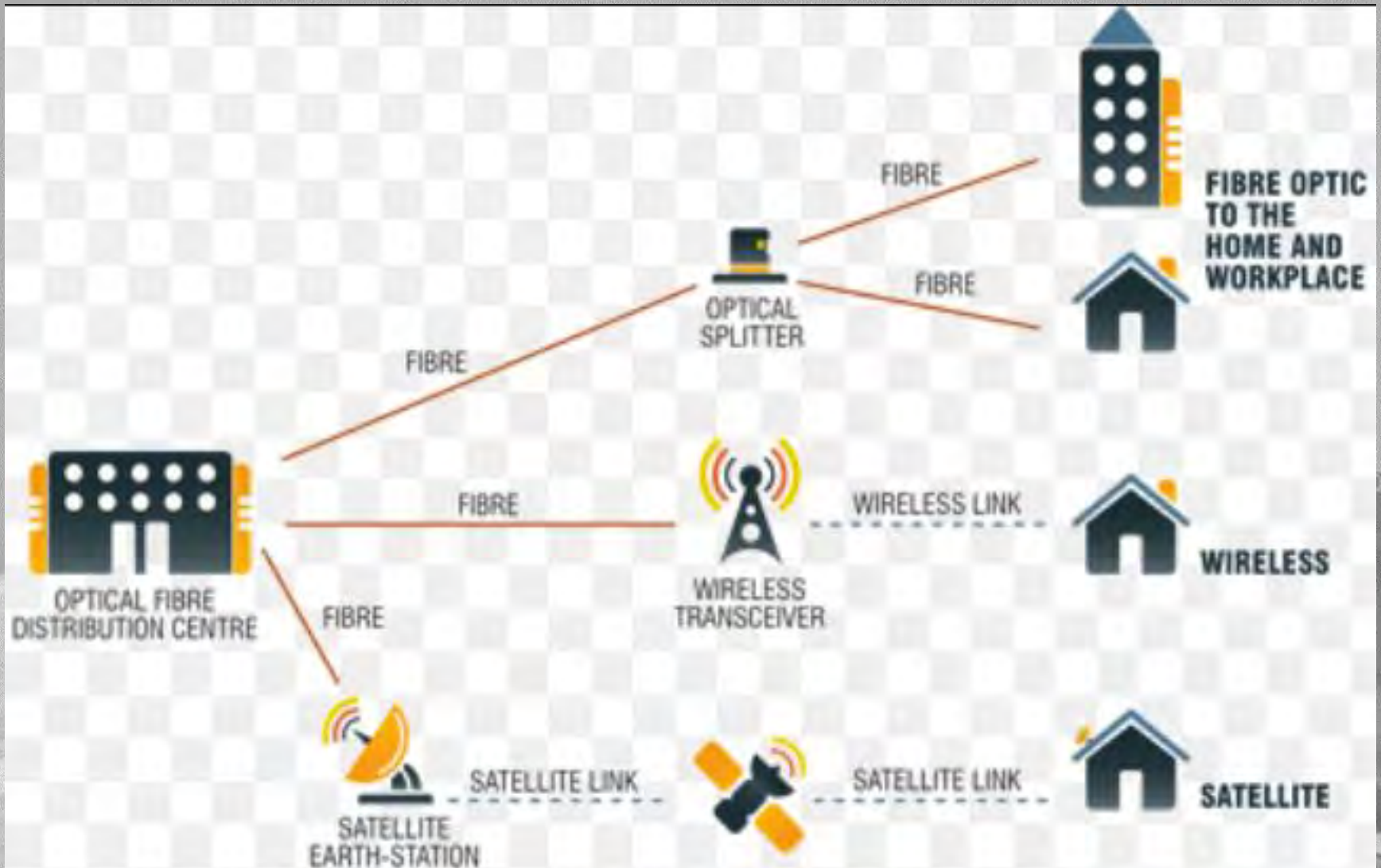
- Part 1 of process
- The ROI indicated needs and priority areas for UFB, RBI, & MBS
- Loading Ruapehu Survey & Letters of Support



Digital Enablement Plan (DEP)

- Part 2 of process
- How Council will support the community and businesses to take up the internet
- Not infrastructure focussed
- Support and projects focussed

Digital Distribution



Wireless Solutions

- **Wifi**

Very high frequency, short range- 50m

- **Wireless Repeaters**

Ngakonui solution, 10km



Wireless Solutions

- **Cellphones**

Lower frequency, longer range, 2G 3G 4G

- **Satellites**

- Farmside - low on horizon, currently overloaded
- Wireless nation --New provider



Solid Connections

- **Fibre**

Very wide bandwidth & ends in cabinet

- **Copper**

Medium bandwidth medium range

- Dial up - long range & slow
- ADSL - 5km
- VDSL - 1km

Potential Council Support

- Tech support hub online and in print
- Workshop Series (business and community)
- Free Wi-Fi in Main Streets
- Assisting wireless solutions
- Lobbying government and suppliers

What we need to know

1. What are your internet struggles?
2. What would you like to be able to do?
3. What support would you like from Council?
4. Any ideas?!