



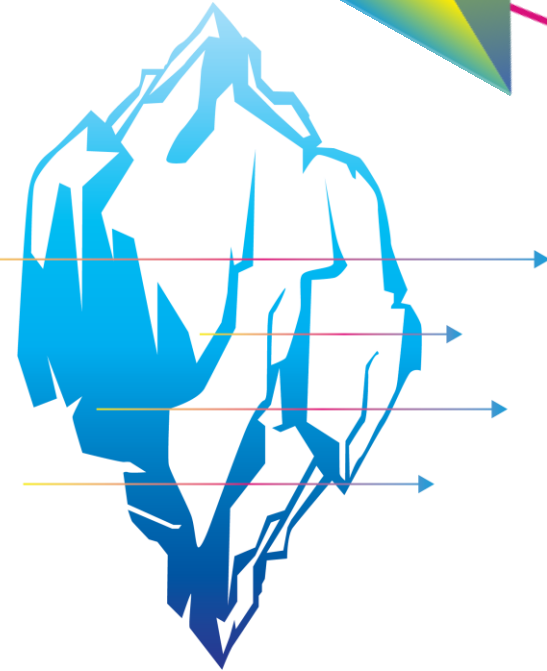
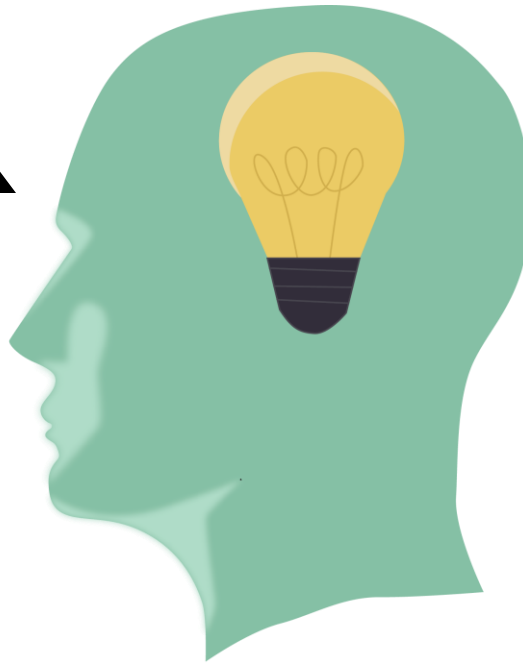
# Taking the Long View: Part 3



Government  
of Canada

Gouvernement  
du Canada

Canada



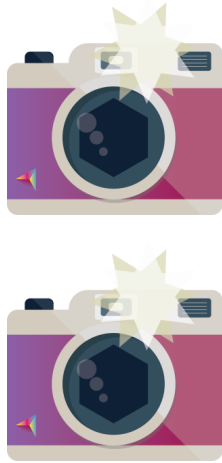
WEAK SIGNAL

WEAK SIGNAL 1 + WEAK SIGNAL 2 ...  
= INSIGHT

CHANGE DRIVER

# Example 1

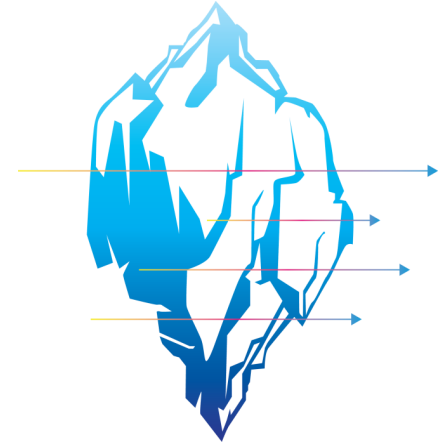
Weak signals



Insight



Change drivers



- Hurricane Harvey (2017)
- 2015, 2016 & 2017 three hottest years on record

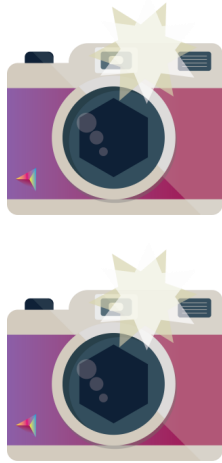
Record floods happening more frequently as a result of climate change

Increasingly severe impacts of climate change



# Example 2

Weak signals



- MP3 players (1998)
- Bowie bond (1997)



Insight



Digital music players  
& peer-to-peer (e.g.  
Napster) transform the  
music industry



Change drivers

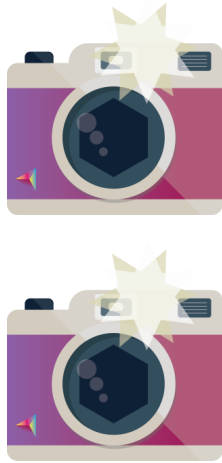


Rise of digital goods



# Example 3

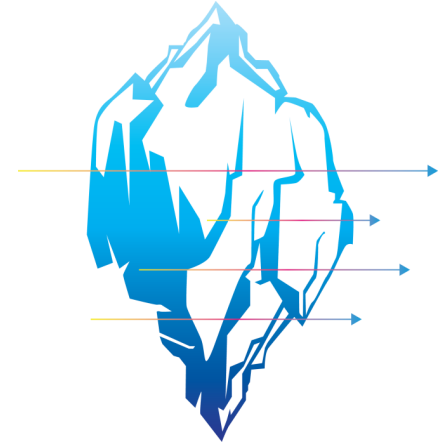
Weak signals



Insight



Change drivers



- Telemedicine in remote Saskatchewan communities (2016)
- Amazon prime lowers grocery bills in Iqaluit (2017)

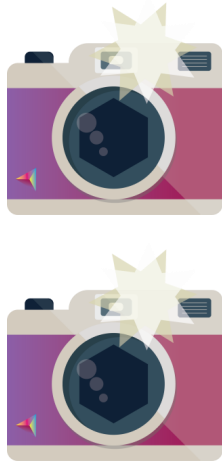
Digital technologies will transform life in remote indigenous communities

Rise of digital services



# Example 4

Weak signals



Insight



Change drivers



- WinSun 3D prints mansion for cheap (2015)
- US army 3D prints 512-sq-ft barracks (2017)

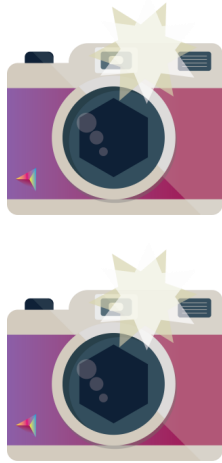
3D printed homes can rapidly expand housing supply, satisfy built-up demand, and reduce costs of home-building

Rise of additive manufacturing



# Example 5

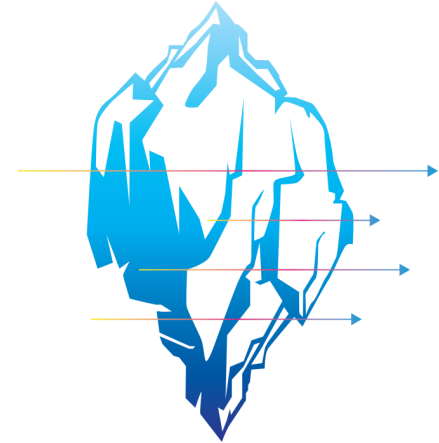
Weak signals



Insight



Change drivers



- China launches Asian Infrastructure Investment Bank (AIIB) (2014)
- BRICS forms New Development Bank (NDB) (2014)

The AIIB & NDB compete with Bretton Woods institutions and could change development investment as we know it

Shift in global balance of power from West to East

