



# **White Spaces – From Concept to Commercial Real**

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Microsoft C

# e: Growing Demand



**20X - 40X**  
OVER THE NEXT  
**FIVE YEARS**

Streaming Video  
Increasing Wireless Demand



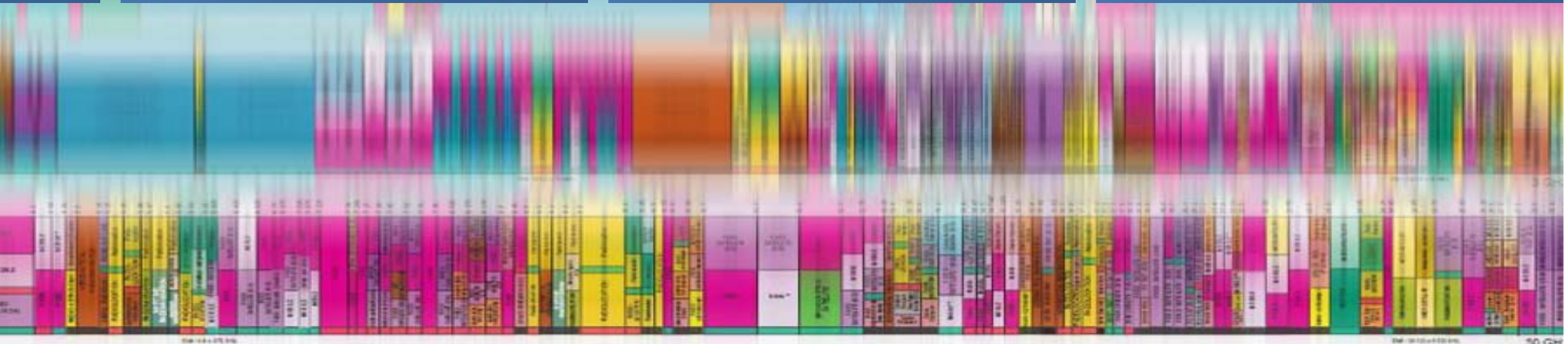
**50 BILLION**  
CONNECTED DEVICES  
**BY 2020**

Devices  
Proliferation\*



**35X**  
2009 LEVELS  
**BY 2014**

Mobile  
Data Traffic\*\*



## e: Universal BB Access

ected

555 Million  
Wired Broadband  
Subscribers

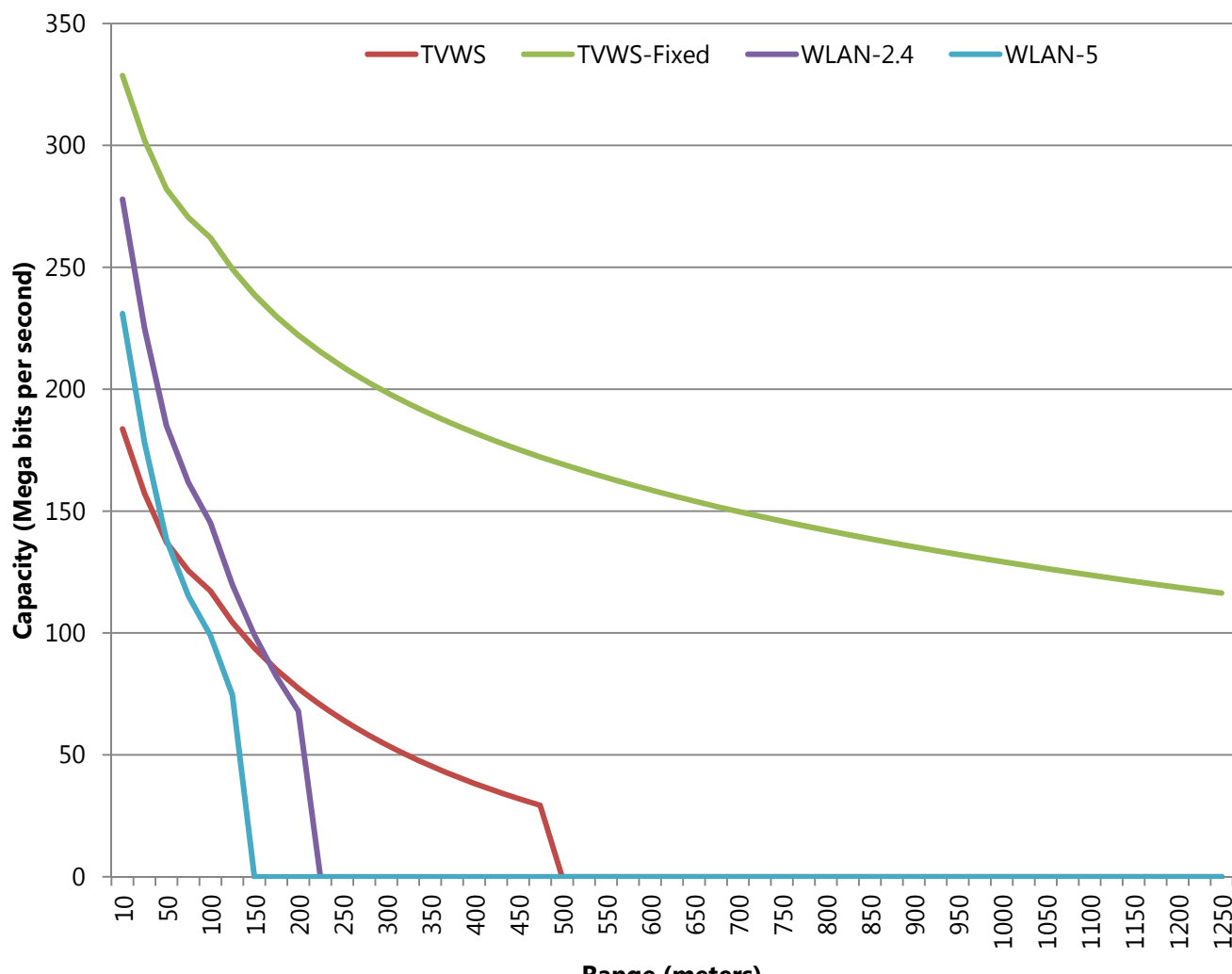
943 Million  
Wireless  
Broadband  
Subscribers

5 Billion  
Cell Phones



# Spectrum Bands Enable New Wi-Fi Opportunities

Capacity versus Range

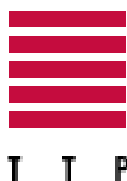


# White Spaces Trials & Demos – Interest is

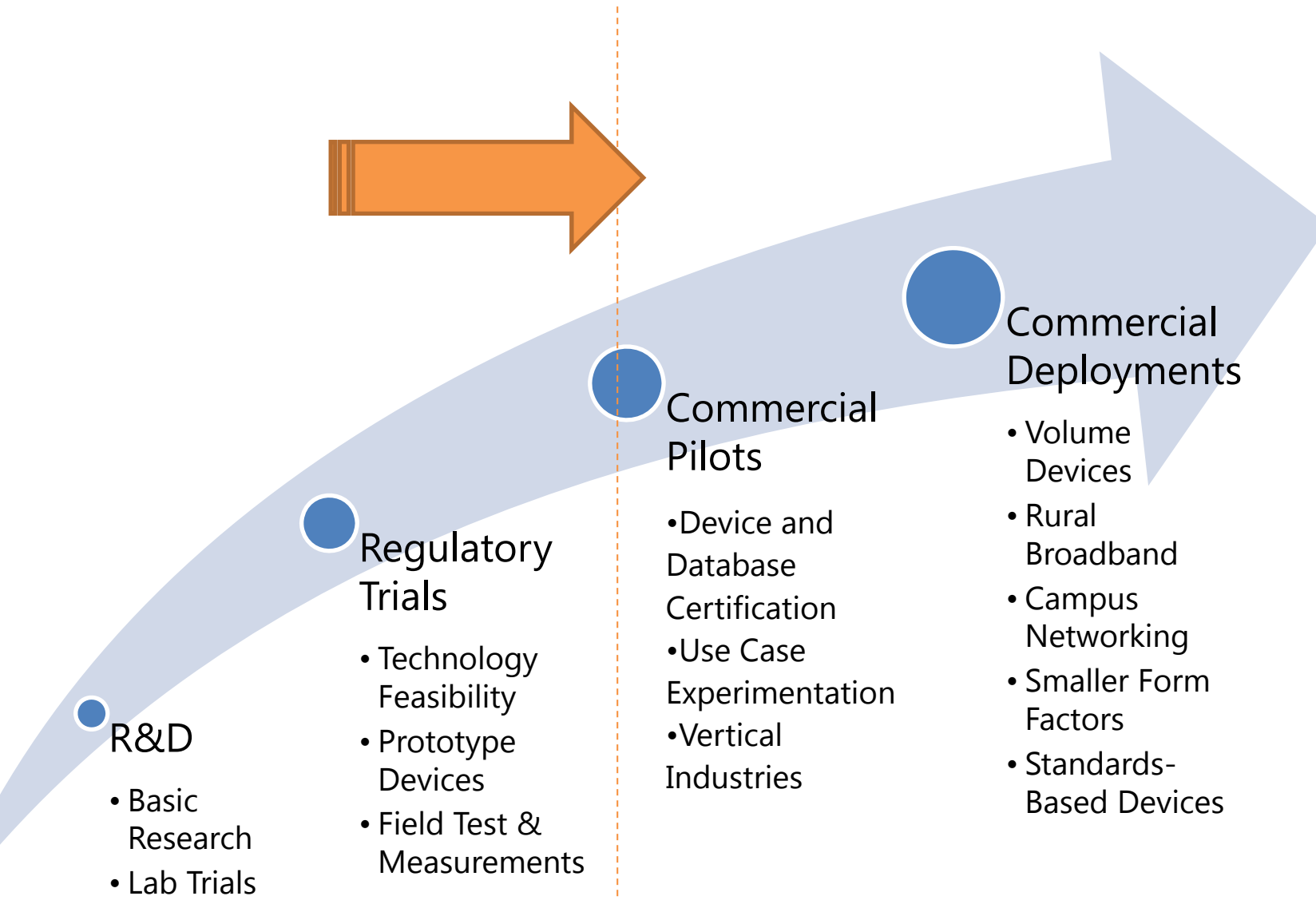
## ting



# ge, England Trial – Unprecedented Support



we are . . . going . . .





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