Latin America faces a serious mobile spectrum shortage which could result in a network slowdown.

**LICENSED** mobile spectrum in 2013:
- 270MHz
- 1340MHz

**REQUIRED** mobile spectrum by 2020:
- 55TB per month in 2012
- 723TB per month in 2017

**LATIN AMERICAN DATA GROWTH**

The lower portion of the UHF band would provide vital support for the 700MHz band and already benefits from a primary mobile allocation in many countries.

The 700MHz band is currently being licensed in Latin America but could quickly reach capacity due to rapid mobile data growth.

NO MOBILE ALLOCATION

MOBILE ALLOCATION

The band reaches 20% further than the 700MHz band which would extend national mobile broadband coverage by 1.5-2.5%

The coverage improvements would deliver major infrastructure savings by reducing the number of base stations required.

**3.7 MILLION**
Number of additional people who could benefit from mobile broadband

**US$897 MILLION**
Mobile network savings from 2015-2020

**1%**
Fall in mobile broadband prices

**19.35 MILLION**
New subscribers

**US$49B**
Injected into the economy

**47,000**
New jobs

**US$2.8B**
In new government revenues

**ALMOST US$4B**
Consumer surplus

An IMT identification would provide the flexibility to eventually allow mobile broadband in a portion of the band and could include further provisions to protect broadcasting.

**LATIN AMERICAN DATA GROWTH**

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per month in 2017

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1 Average amount of spectrum licensed to mobile services in Latin America towards the end of 2013
2 Minimum amount of spectrum the ITU predicts will be needed in 2020 (based on 1340-1960MHz range)

For more information visit: [www.gsma.com/spectrum4all](http://www.gsma.com/spectrum4all) Email: spectrum4all@gsma.com

The full report is available from [www.gsma.com/spectrum/resources](http://www.gsma.com/spectrum/resources)