

**Global LTE Metrocell
Forecast, 2012 -
2017: *Addressable
Market and
Deployments***

Market Study
Third Quarter, 2013





Global LTE Metrocells Forecast, 2012 - 2017: *Addressable Market and Deployments*

A Market Study

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Abstract

This report provides a forecast for both the total addressable global market for LTE metrocells and a forecast for the expected global deployments of LTE metrocells. Metrocells are, as compared to macrocells, low power cell sites that operate on an operator's licensed frequency to (today) provide additional coverage and/or capacity in a given urban area.

As part of the "small cell" category, metrocells are part of the heterogeneous network concept that many global wireless operators are moving toward in order to meet the rising demand for mobile data. This approach, which combines RAN upgrades, new licensed spectrum, WiFi, small cells of various types and distributed antenna systems (DAS), is typically referred to as the heterogeneous network or het-net.

The assumptions underlying *iGR's* LTE metrocell forecasts are explained in this report. The forecasts are further based on *iGR's* global connections forecast report and *iGR's* mobile data forecast report, as well as *iGR's* primary and secondary research, and various other sources.

Key questions addressed in this report include:

- What is a metrocell?
- How do metrocells fit into operators' evolving networks?
- Where are metrocells most likely to be located? What's their role?
- How much mobile data do end users in all global regions consume and/or demand?
- How much mobile data capacity will be required in the next five years?
- How many metrocells are forecast to be deployed?
- Which regions of the world will see the greatest demand for metrocells?
- How does the forecast for metrocell deployments compare to the metrocell total addressable market?

Who should read this report?

- Mobile operators
- Infrastructure OEMs
- Small cell product and solution vendors

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- Backhaul service providers and equipment OEMs
- Financial analysts and investors.

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