



# Global Locations Annual Report 2016: Persistent Growth in Uncertain Times

Locations Insider™

Annual Report: October 2016 – Preview Deck

# Our research offerings for global services

## ▶ Market Vista™

Global services tracking across functions, sourcing models, locations, and service providers – industry tracking reports also available

## ▶ BFSI<sup>1</sup> Information Technology

## ▶ PricePoint™

## ▶ BFSI<sup>1</sup> Business Process

## ▶ Finance & Accounting

## ▶ Healthcare & Life Sciences ITS

## ▶ Procurement

## ▶ Healthcare & Life Sciences BPS

## ▶ Human Resources

## ▶ Application & Digital

## ▶ Recruitment & Talent Acquisition

## ▶ Cloud & Infrastructure

## ▶ Contact Center

## ▶ Global Sourcing

## ▶ Service Optimization Technologies

## ▶ Locations Insider™

## ▶ Transaction Intelligence

### Custom research capabilities

- Benchmarking | Pricing, delivery model, skill portfolio
- Peer analysis | Scope, sourcing models, locations
- Locations | Cost, skills, sustainability, portfolio – plus a tracking tool
- Tracking services | Service providers, locations, risk
- Other | Market intelligence, service provider capabilities, technologies, contract assessment

### Subscription information

- The full report is included in the following subscription(s)
  - **Locations Insider™ (LI)**
- In addition to published research, a subscription may include analyst inquiry, data cuts, and other services
- **If you want to learn whether your organization has a subscription agreement or request information on pricing and subscription options, please contact us**



#### Corporate Headquarters

Office: +1-214-451-3000

[info@everestgrp.com](mailto:info@everestgrp.com)



#### European Headquarters

Office: +44-207-129-1318

[unitedkingdom@everestgrp.com](mailto:unitedkingdom@everestgrp.com)

<sup>1</sup> Banking, financial services, and insurance

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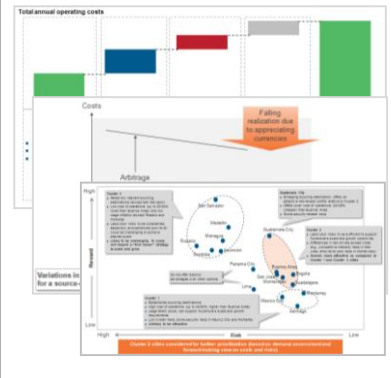
# Our research methodology is based on four pillars of strength to produce actionable and insightful research for the industry

- Market thought leadership
- Actionable and insightful research
- Based on on-the-ground perspectives

1

## Robust definitions and frameworks

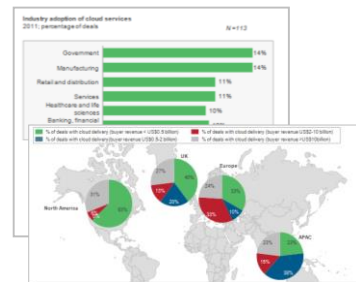
(talent pool scalability and sustainability assessments, cost arbitrage sustainability, risk assessment frameworks)



2

## Primary sources of information

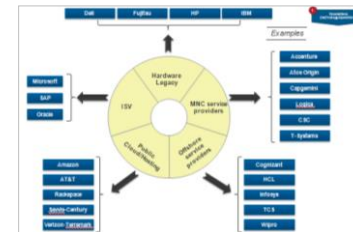
(Ongoing interactions with buyers, GICs/captives/SSCs, service providers, investment promotion agencies, recruiters, etc.)



3

## Diverse set of market touchpoints

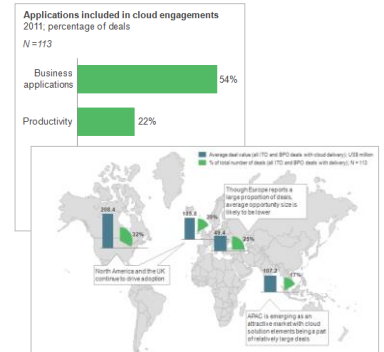
(Ongoing interactions across key stakeholders, input from a mix of perspectives and interests, supports both data analysis and thought leadership)



4

## Fact-based research

(Data-driven analysis with expert perspectives, year-round tracking of location and service provider activity, and country briefings)



- Proprietary tracking and databases on operating costs, labor pool, market activity, and risks
- Year-round tracking of 250+ locations around the world
- Coverage across all offshore, nearshore, and onshore locations across regions (APAC, Europe, North America, LATAM, Africa)
- Over 100 global projects on supporting clients on location decisions
- Executive-level relationships with buyers, service providers, technology providers, and industry associations

# Our ability to deliver insight on locations is based on extensive databases and ongoing market research

## Market activity database

No.	Company name	Parent industry vertical (primary)	Time since inception	IT (ADM and Infra)	BPO	KPO	CC	Engineering, R&D	Comments on services offered	FTE estimates (date variable)
1	3Com	Telecom and hi-tech	<3 yrs					✓	Software development	100
2	ABB	Manufacturing	3-5 yrs					✓	Software development &	500
3	ABN Amro	BFSI	3-5 yrs	✓	✓		✓		Banking transaction	2000
4	Adobe	Telecom and hi-tech	>5 yrs					✓	R&D	600
5	Aqilent technologies	Telecom and hi-tech	<3 yrs		✓			✓	Application and SOC Chip design,	1000
6	Airwide solutions	Telecom and hi-tech	<3 yrs					✓		100
7	Akzo Nobel Car Finishes	Others	3-5 yrs					✓	develop products and colour	NA
8	Allianz Cornhill	BFSI	3-5 yrs	✓	✓		✓		IT application development and	500
9	Alsthom	Manufacturing	<3 yrs					✓	Engineering and design services,	1,000
10	Amazon	Telecom and hi-tech	<3 yrs				✓	✓	Software Development,	NA
11	AMD	Telecom and hi-tech	<3 yrs					✓	design	120
12	American Express	BFSI	>5 yrs		✓	✓	✓		F&A back-office HR processing,	3,000
13	AOL	Telecom and hi-tech	3-5 yrs				✓	✓	Contact center , software	1,650

Industry leading databases (100+ service providers, ~2,000 GICs / Shared service centers, and 200+ cities)

## Cost database

City profile: Bangalore - Call centre

### Salary costs (US\$ p.a.)

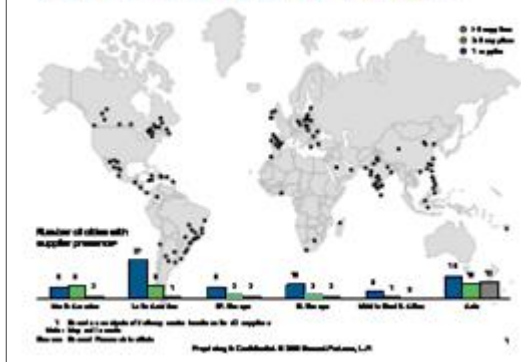
Role	Salary (US\$ p.a.)	Reliability
Base salary - call center agent	3,043	Medium
Gross salary - call center agent	3,408	Medium
Base salary - call center supervisor	5,180	Medium
Gross salary - call center supervisor	5,802	Medium
Base salary - call center manager	21,725	Medium
Gross salary - call center manager	24,332	Medium
Base salary - call center COO	73,021	Low
Gross salary - call center COO	81,283	Low

### Education

Metric	Value	Reliability
Number of university graduates pa	71,335	Low
Number of high school graduates pa	-	-

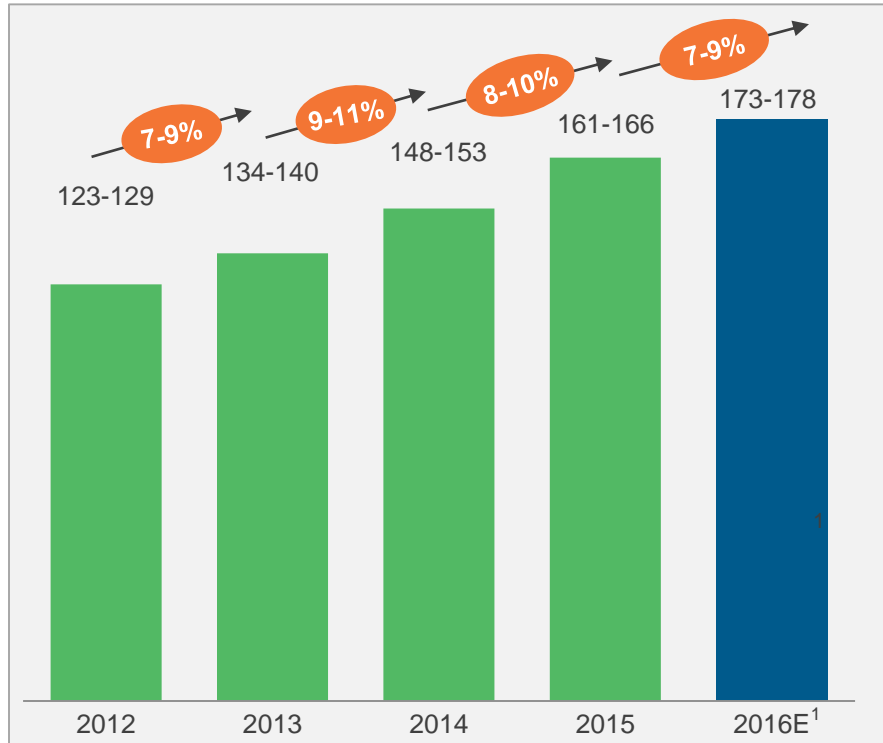
## GIC/SSC database

125+ cities currently host offshore delivery centers

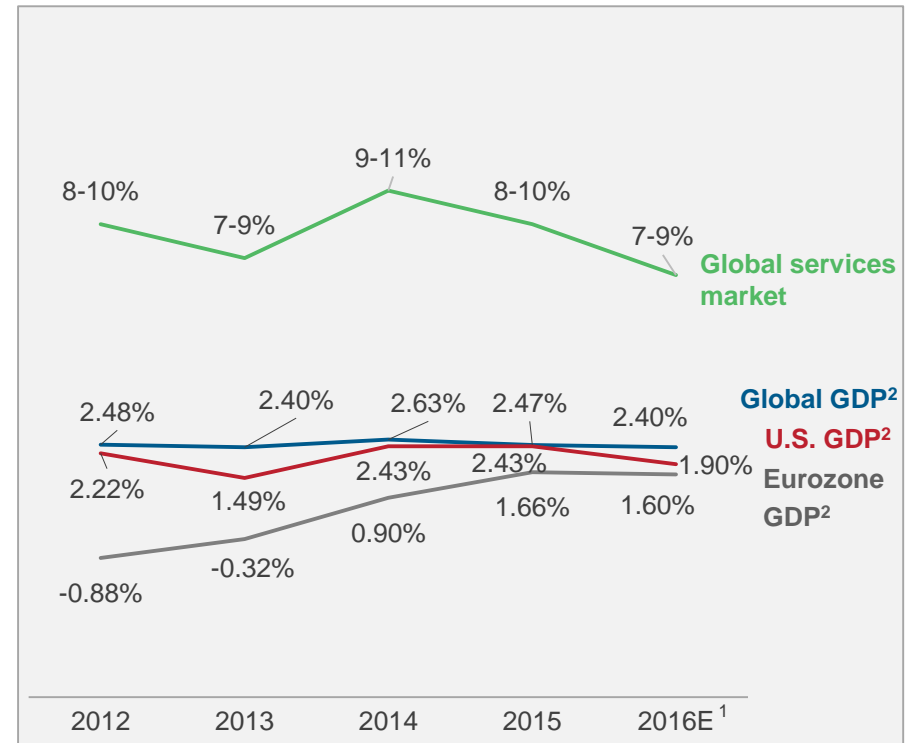


# The global services market is expected to witness slower growth than in 2015 due to volatile macroeconomic environment and investment markets

Global services revenue and growth  
2012-2016(E); US\$ billion



Growth rates of regional/global GDP and global services market  
2012-2016(E)<sup>1</sup>; Percentage<sup>2</sup> (E)



<sup>1</sup> Estimated figures for the year 2016

<sup>2</sup> Data for constant year-on-year (YOY) prices, based on purchasing power parity

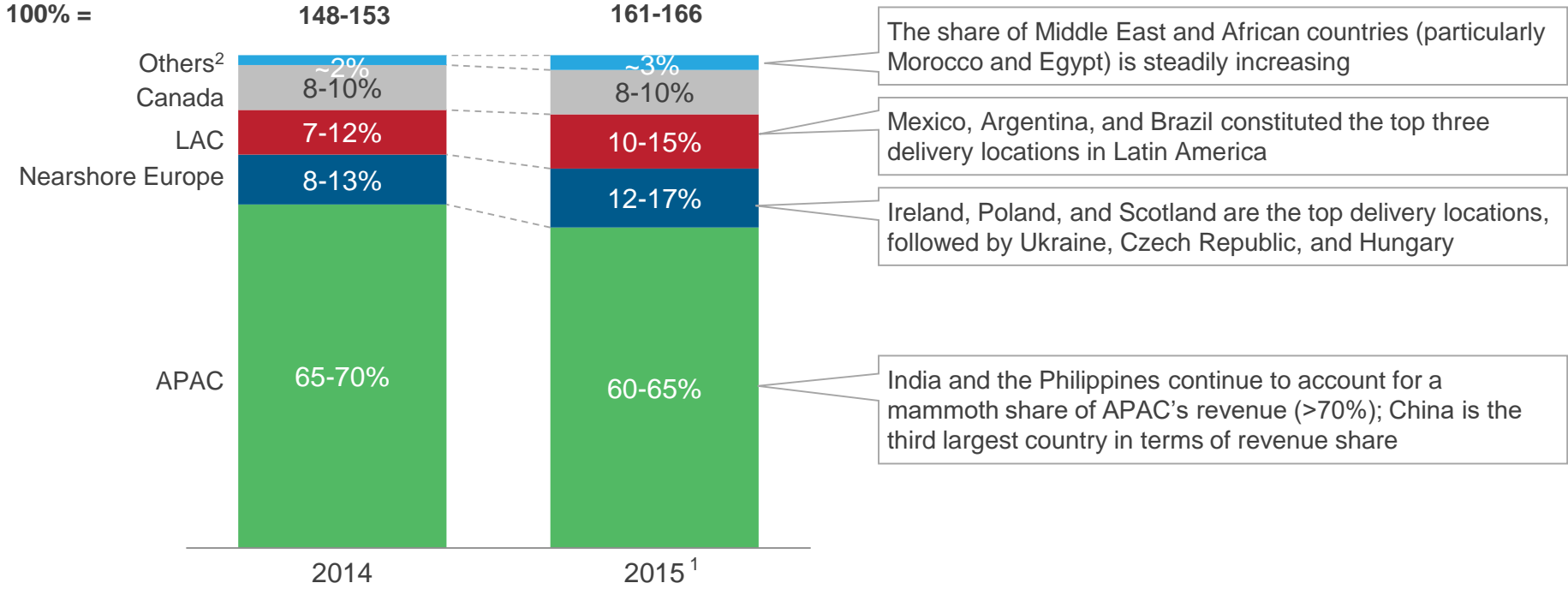
Note: Includes global services exports; excludes domestic market

Source: Country- / city-level investment promotion agencies, global services organizations (buyers, global in-house centers, and service providers), and Everest Group (2016)



# The share of Asia Pacific region has declined marginally since 2014 while Nearshore Europe and Latin America & Caribbean have increased their relative shares in the world revenue

Global services market | Share of delivery regions by revenue  
2014-2015<sup>1</sup>; US\$ billion



<sup>1</sup> Indicates end of 2015

<sup>2</sup> Others include Middle East & Africa

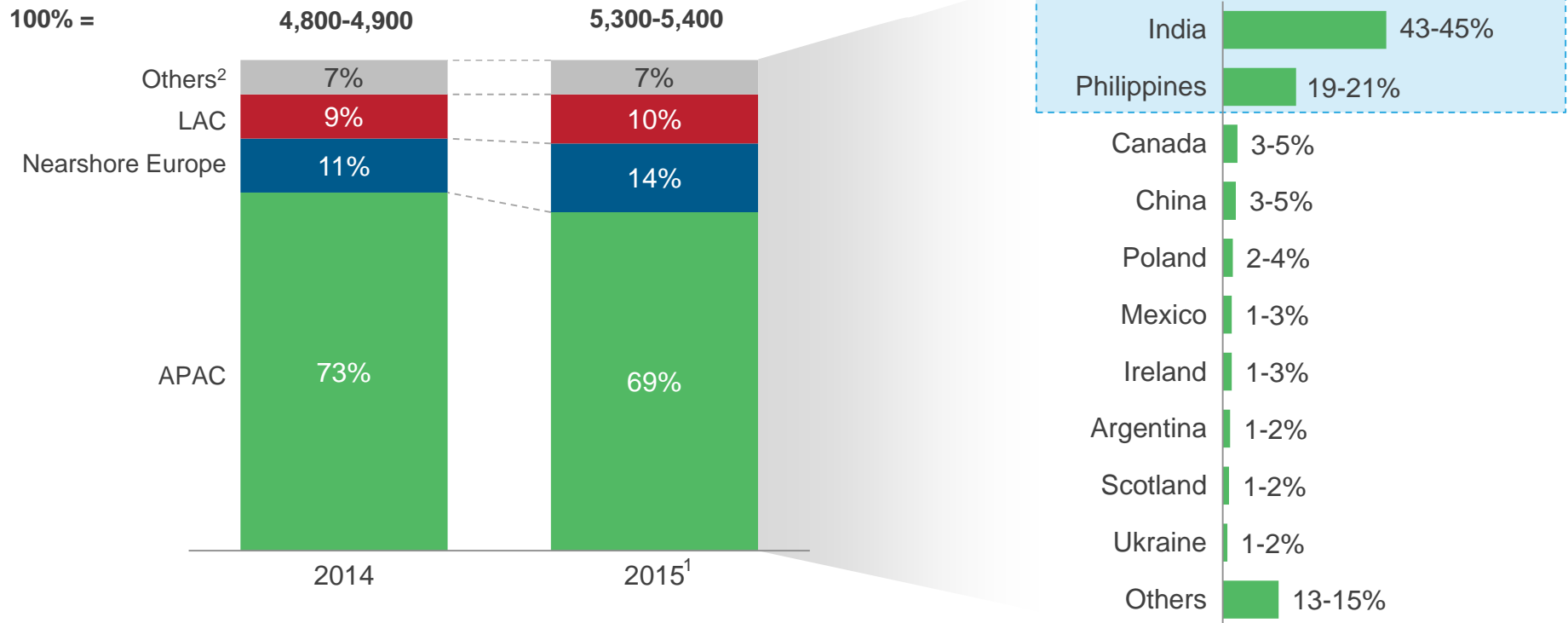
Note: Includes global services exports; excludes domestic market

Source: Country- / city-level investment promotion agencies, global services organizations, and Everest Group (2016)



# India and the Philippines continue to have the largest share of headcount, both within Asia Pacific and globally

Global services market | Share of delivery regions by headcount  
2014-2015<sup>1</sup>; Number of FTEs (in '000s)



<sup>1</sup> Indicates end of 2015

<sup>2</sup> Others include Canada, Africa, and the Middle Eastern region

Note: Includes global services exports for 35 leading locations. Excludes domestic market

Source: Country- / city-level investment promotion agencies, global services organizations, and Everest Group (2016)

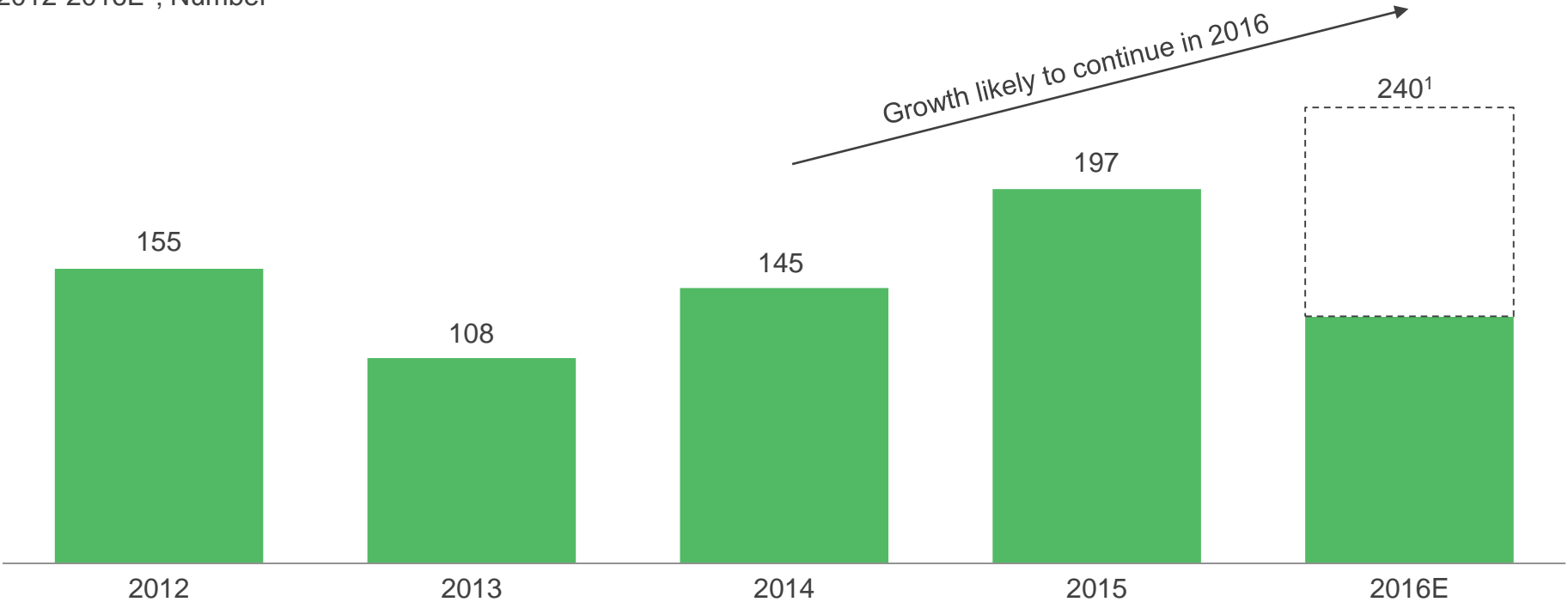
# Location heatmap



Source: Country- / city-level investment promotion agencies, global services organizations, and Everest Group (2016)

# The trend of increasing center setup activity continued in 2015; similar growth rates are expected in 2016 as well

New centers established  
2012-2016E<sup>1</sup>; Number



1 Expected number of new centers established during 2016; It is expected that center setup activity will grow by ~22% in 2016

2 Compounded Annual Growth Rate from 2012 to 2015

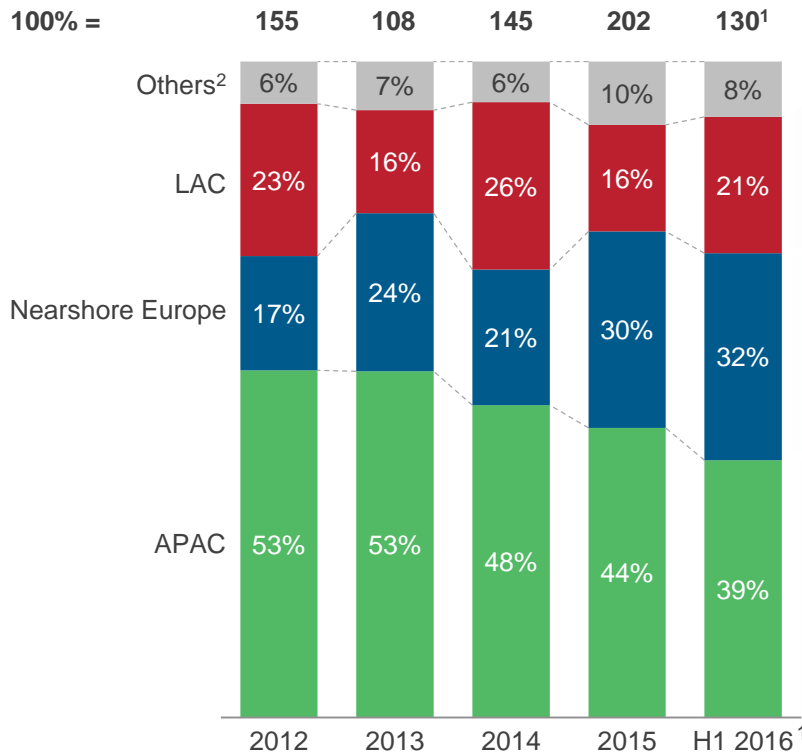
3 Includes data for Q1 2016 (January-March 2016) and Q2 2016 (April-June 2016)

Note: Includes global in-house centers and (third-party) service provider delivery centers

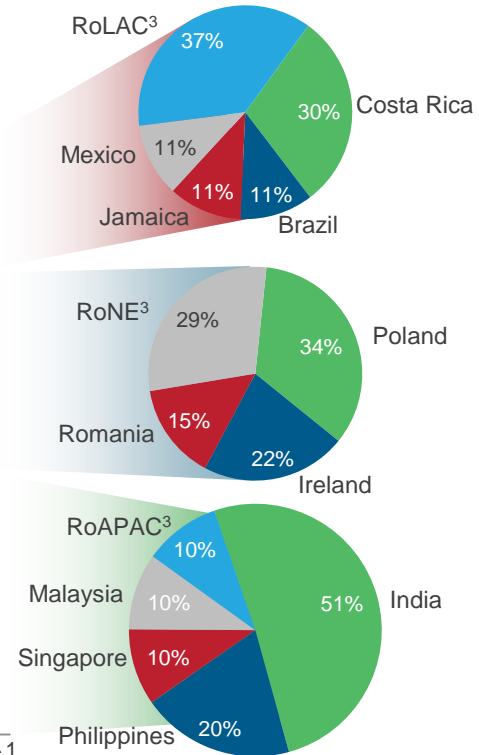
Source: Everest Group (2016)

# Asia Pacific has witnessed a consistent decline in its share since 2012 while Nearshore Europe stepped up to maintain its position as the second largest region for delivery centers

**Breakup of new centers by region**  
2012-H1 2016<sup>1</sup>; Percentage



**Breakup of new centers by country**  
H1 2016<sup>1</sup>; Percentage



1 Includes data for Q1 2016 (January-March 2016) and Q2 2016 (April-June 2016)  
 2 Includes activity recorded in the Middle East and Africa region  
 3 RoAPAC = Rest of APAC; RoNE = Rest of Nearshore Europe; RoLAC = Rest of LAC  
 Note: Includes global in-house centers and (third-party) service provider delivery centers  
 Source: Everest Group (2016)

# Locations activity | Summary of key trends

1

## Functions supported

- Share of IT services has increased considerably since 2013, while the share of both voice and non-voice business process services has dropped
- Knowledge processes as well as engineering and R&D have maintained their share

2

## Type of city (tier-1 and tier-2/3 cities)

- Increasing instances of players leveraging tier-2/3 locations, particularly across the nearshore European region; although this movement continues to be muted in Asia Pacific
- In terms of new delivery center setups, the Middle Eastern and African region has the highest proportion of tier 2/3 cities followed closely by Latin America & the Caribbean; most of this movement is driven by service providers rather than GICs

3

## GICs and service providers

- Both GIC and service provider setups witnessed an increase during 2015-H1 2016, however, service providers grew at a faster rate, reaching a new high since 2012
- Nearshore Europe, in particular, witnessed increase in activity by service providers during 2015-H1 2016

4

## Type of provider

- Share of top 20 service providers<sup>1</sup> in the new service provider setups increased across the Nearshore European region, whereas Asia Pacific and Middle East & Africa witnessed a considerable decline

5

## Onshore geographies<sup>2</sup>

- Increasing investments by top 20 service providers<sup>1</sup> in onshore locations
- North America witnessed a spurt of growth in new onshore setups by top 20 providers<sup>1</sup> after a period of slow activity during 2013 - 2014

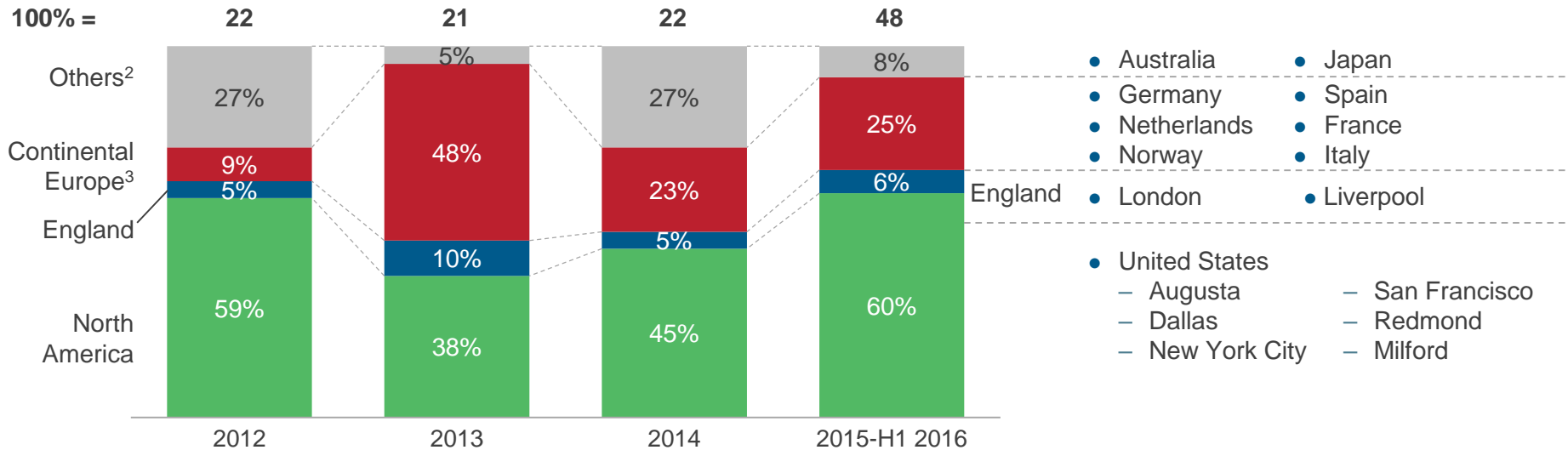
<sup>1</sup> 20 leading service providers across IT and BPS that Everest Group uses as "Index" providers to gauge market trends

<sup>2</sup> Includes United States, United Kingdom, Western Europe, Nordics, Australia, New Zealand, and Japan

Source: Everest Group (2016)

# The share of the United States increased in onshore center setups by the top 20 service providers since 2013 with European locations taking second place

New onshore delivery centers of top 20 service providers<sup>1</sup> by region  
2012-H1 2016<sup>3</sup>; Number of centers



1 20 leading service providers across IT and BPS that Everest Group uses as “index” providers to gauge market trends

2 Includes Australia, Japan, and New Zealand

3 Also includes Nordic and Scandinavian countries

4 Includes data for Q1 2016 (January-March 2016) and Q2 2016 (April-June 2016)

Source: Everest Group (2016)

# MAP Matrix™ | Definition and key components

Everest Group's **Maturity | Arbitrage | Potential (MAP) Matrix™** provides a comparative assessment of cities specific to a function

## Maturity

- Relative maturity of locations in terms of the breadth and depth of services offered

## Arbitrage

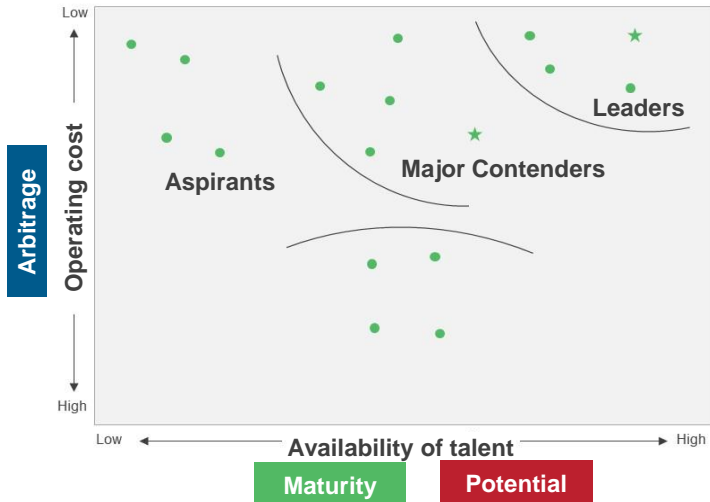
- Cost savings or arbitrage over typical source markets

## Potential

- Emerging opportunities or potential of these locations from a talent and risk standpoint

**MAP Matrix™** assessment covers 80+ cities for the following functions:

- Information Technology – Application Development and Maintenance (IT-ADM)
- Contact center (English language)
- Transactional Business Process Services (BPS)
- Complex / judgment-intensive BPS
- Bilingual (Spanish and English language) BPS
- Multi-lingual (European languages) BPS
- Analytics
- Digital
- Engineering Services and Development (ER&D)
- IT services in the United States of America



### Leaders

- Relatively the most attractive locations - significant talent availability and low costs
- Characterized by presence of large GICs or service provider centers
- Often exhibit high competitive intensity owing to presence of many large players

### Major Contenders

- Offer an attractive mix of talent availability and cost savings
- Sufficient talent pool to support mid- to large-sized centers
- Lower competitive intensity compared to Leaders, however, lower maturity

### Aspirants

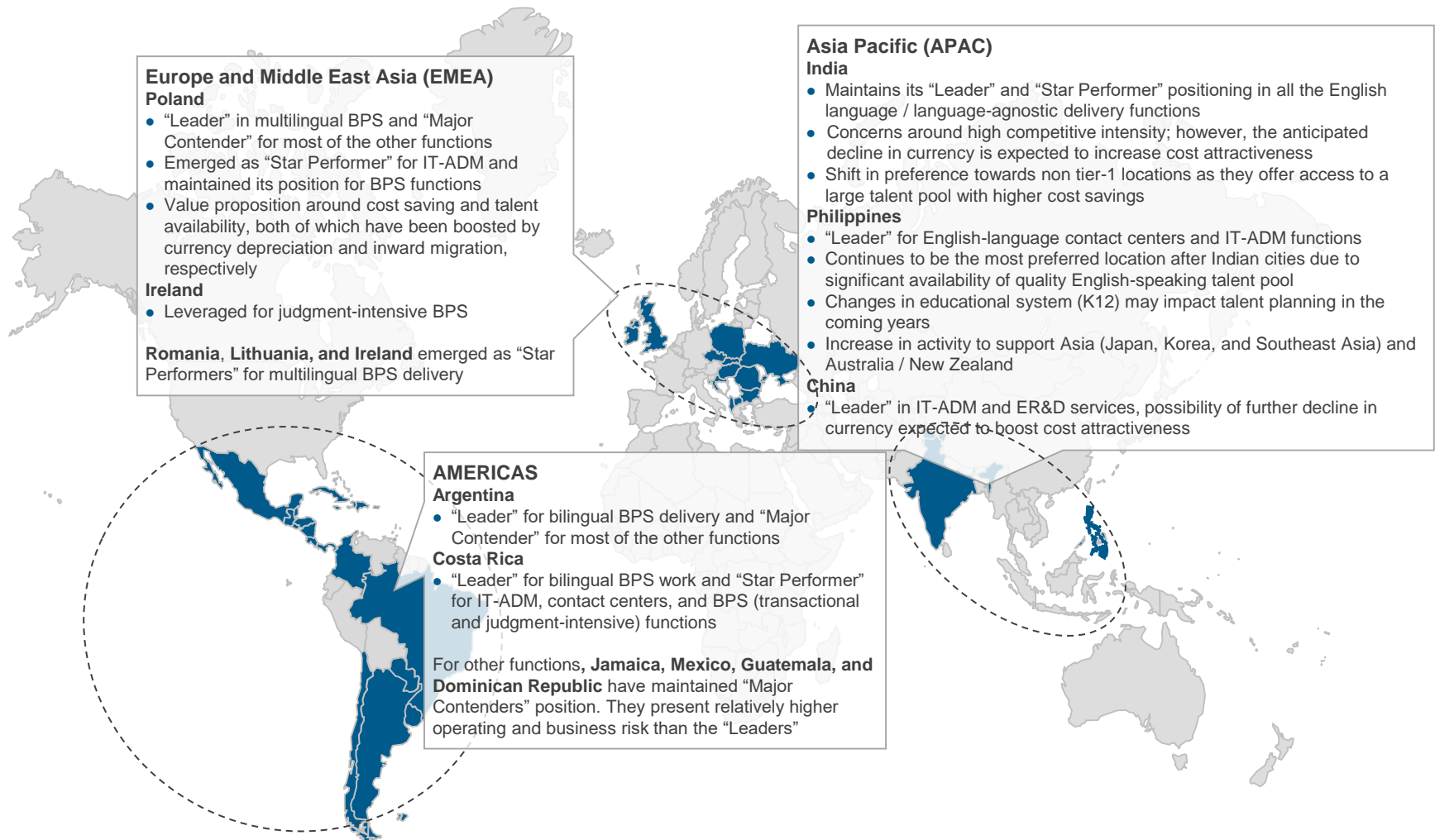
- Suitable for small- to medium-sized centers
- Offer early-mover advantage and low costs, however, require investments in talent development
- Typically, less mature locations as compared to other clusters

### ★ Star Performer

- Locations that witnessed significant new center setup activity in the past one year

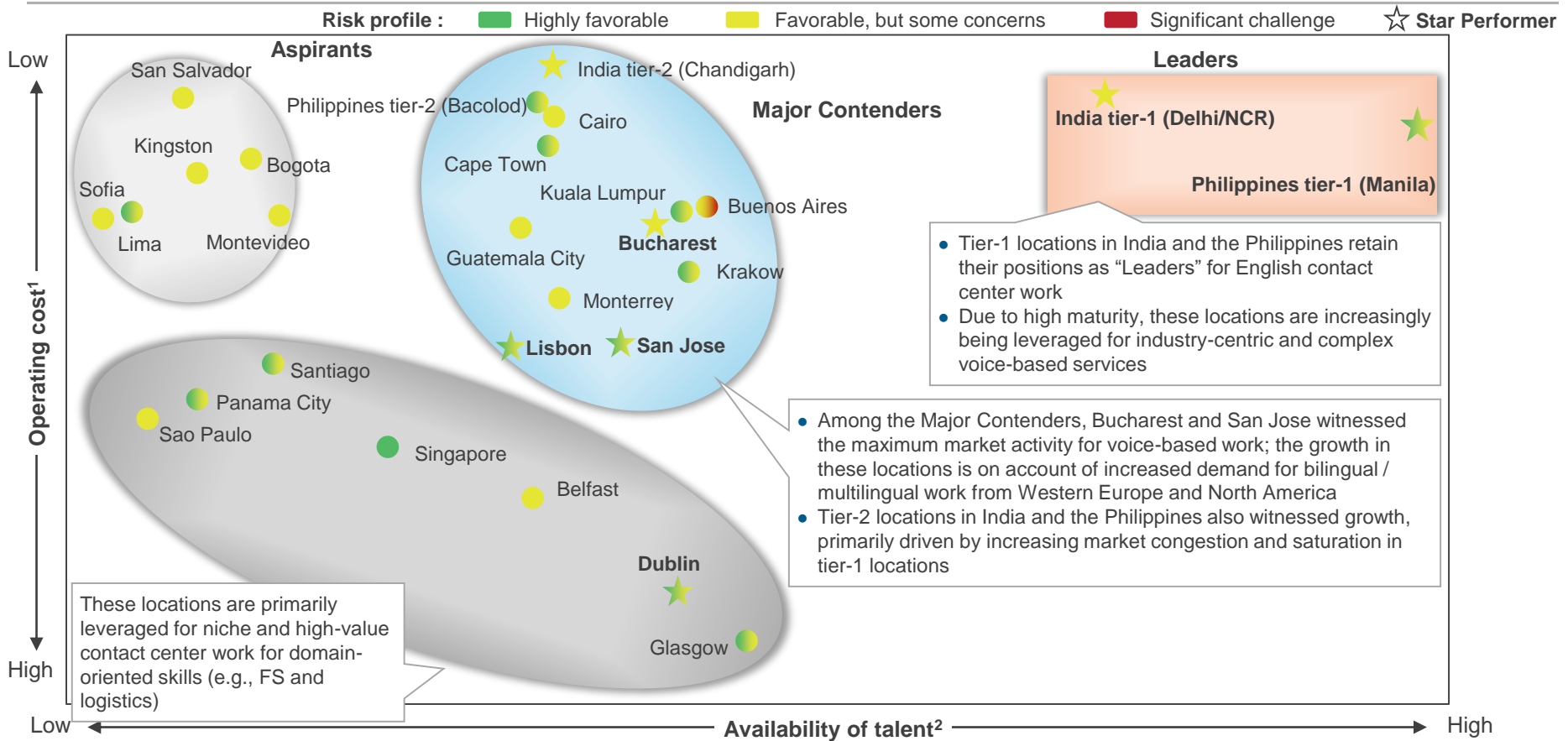


# MAP Matrix™ | Summary of key messages



Source: Everest Group (2016)

# MAP Matrix™ | Contact Center (English)

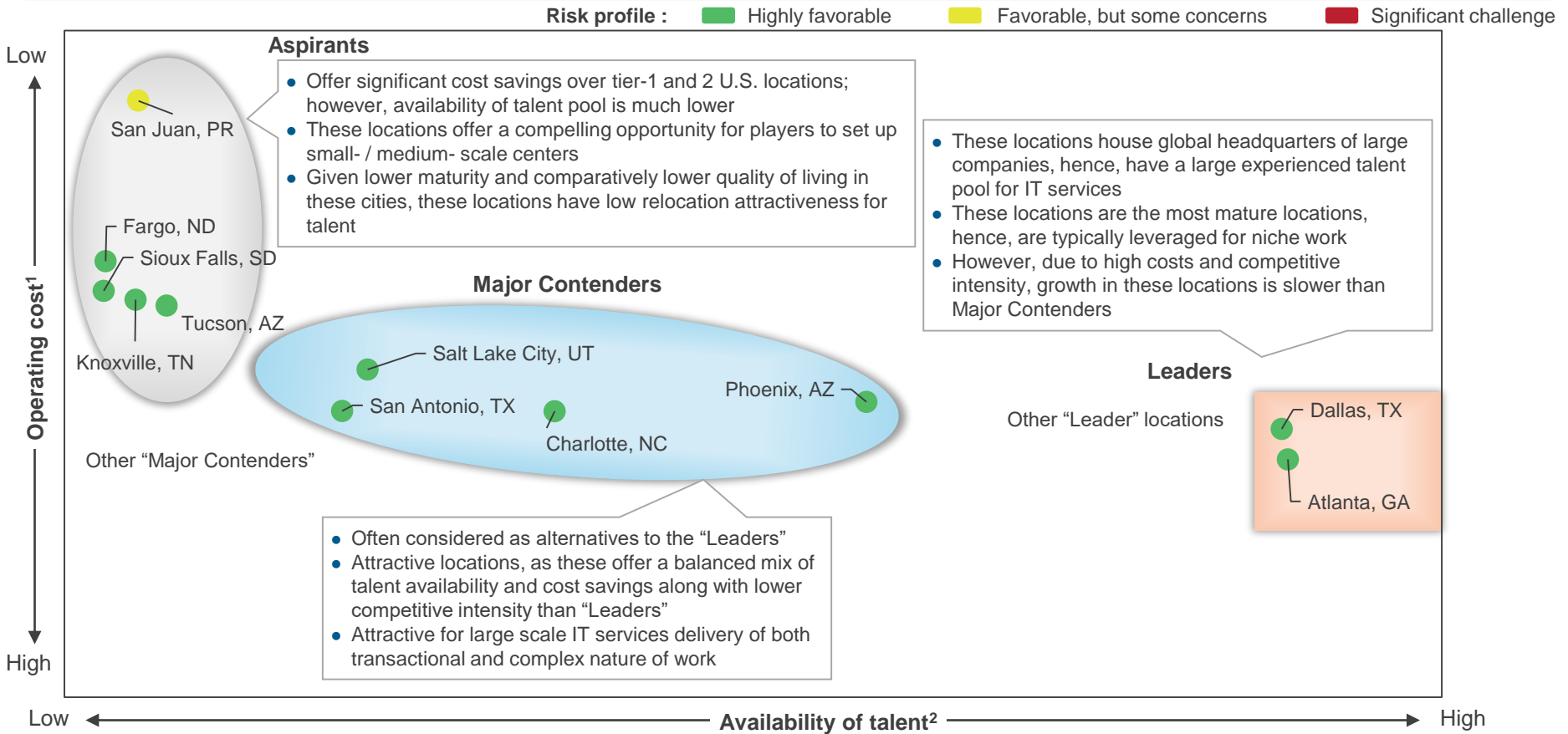


- 1 Fully-loaded, ongoing operating cost including compensation, facilities, and technology expenses
- 2 Considers relevant entry-level and experienced talent
- 3 The assessment has been done only for a representative list of locations

Note: We used representative cities to depict typical talent-cost positioning for tier-1 and tier-2 cities for some countries (e.g., Metro Manila as a tier-1 city and Bacolod as a tier-2 city in the Philippines); there could be other cities in the country that also offer comparable propositions to these cities

Source: Inputs from market players, recruitment firms, and investment agencies; Everest Group (2016)

# MAP Matrix™ | IT Services in the United States of America

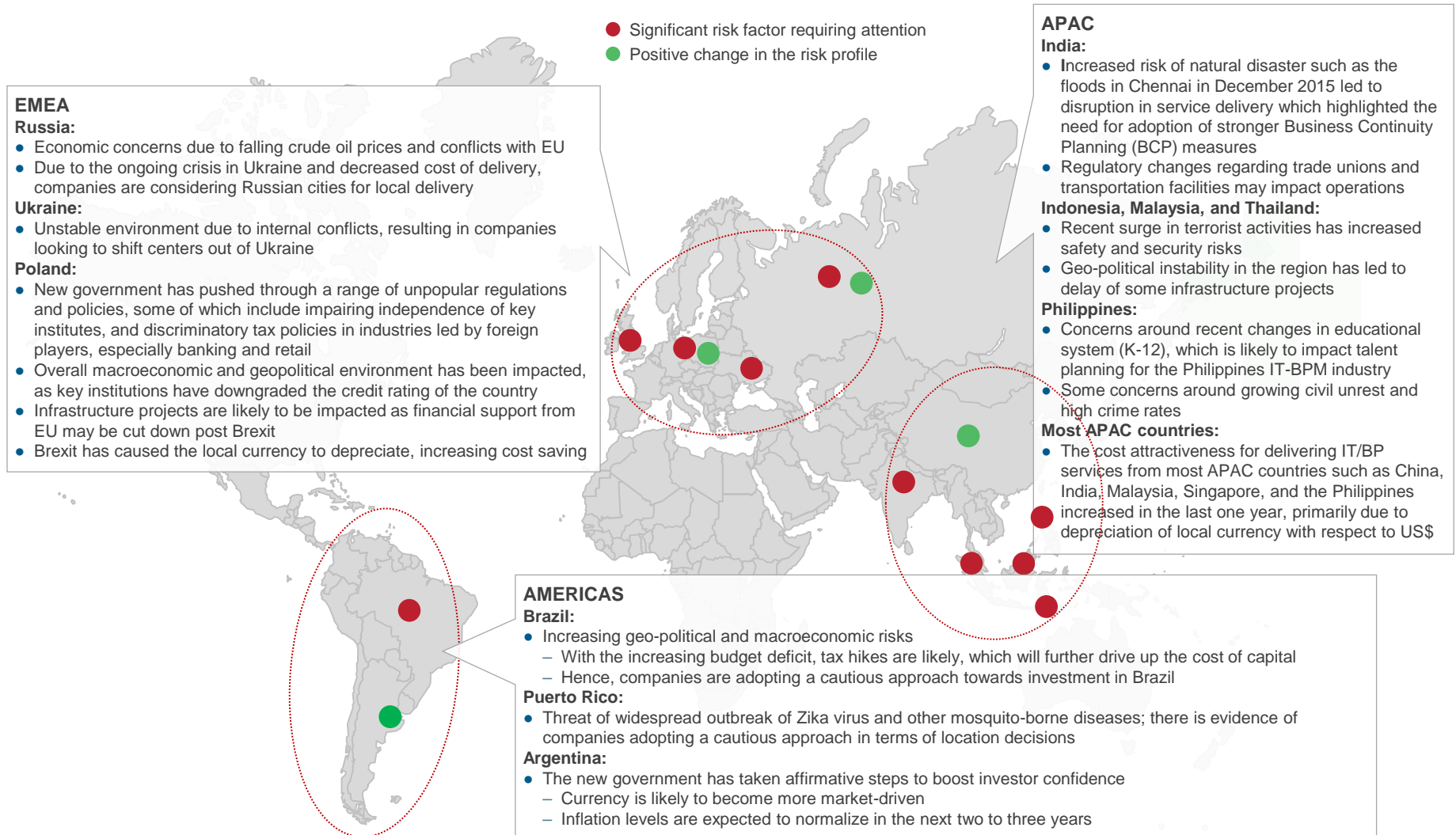


In addition to the cities listed above, companies also leverage tier-1 U.S. cities such as Chicago, Boston, and New York for delivery of IT services

- 1 Fully-loaded, ongoing operating cost including compensation, facilities, and technology expenses
- 2 Considers relevant entry-level and experienced talent
- 3 The assessment has been done only for a representative list of locations
- 4 There are other cities in each of these clusters that are being leveraged for delivering IT Services work; these cities are listed on the next page

Source: Inputs from market players, recruitment firms, and investment agencies; Everest Group (2016)

# Risk watch | Summary of key messages



Source: Inputs from market players, recruitment firms, and investment agencies; Everest Group (2016)

# The report has 68 pages of data on locations activity – new centers set up by GICs and service providers over 2015-H1 2016

## Locations activity

Offshore locations | Delivery centers established in Q1 2015 (page 1 of 10)

Asia			
Country	City	Month	Service provider / GIC
India	Bengaluru	January	Cappemini
India	Bengaluru	January	Cargill Inc.
Indonesia	Jakarta	January	Islamic Development Bank (IDB) Group
Hong Kong	Hong Kong	January	Accenture
Taiwan	Kaohsiung	January	Wistron

## Locations activity

Offshore locations | Delivery centers established in Q2 2015 (page 1 of 10)

Asia						
Country	City	Month	Service provider / GIC	Headcount	Function	Other comments
India	Bengaluru	April	Morgan Stanley	500 FTEs	BP – industry-specific	Opened a new back-office to provide support services to its global business units. The center is similar to the company's Mumbai facility, which helps the firm's global operations on technology, operations, finance, fund services, compliance, and other specialized functions. The center has a seating capacity of 1,400 FTEs
India	Bengaluru	April	Twitter	25 FTEs	R&D / engineering	Twitter acquired and converted ZipDial's office in Bengaluru, India, into its engineering center. The center will contribute to Twitter's global product engineering and will employ software engineers
India	Bengaluru	April	VMware	N/A	R&D / engineering	Opened a new R&D center with an investment of US\$120 million. The facility will cater to the global R&D of VMware's mobile and cloud solutions and plans to hire 250 FTEs by the end of 2015
India	Hyderabad	April	Ashland Inc.	120 FTEs	BP – HR, legal, and analytics and IT	Established a global business services center to support its global operations. The new facility will have functions such as information technology, legal, human resources, financial analytics, and product planning
India	Hyderabad	April	Avaya	80 FTEs	R&D / engineering	Opened its third R&D center via the acquisition of KnoahSoft, a workforce optimization provider and also a provider of call recording, quality, and performance management software. The facility is similar to its existing R&D centers in Bengaluru and Pune. KnoahSoft's employees were moved to Avaya

Source: Everest Group (2016)

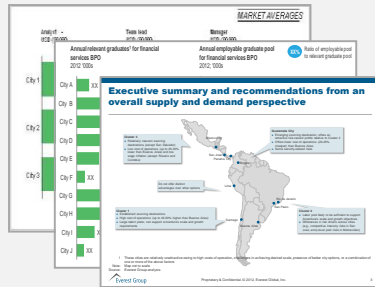
# Everest Group's Locations Insider subscription provides detailed information, analysis, and perspectives on global locations through multiple types of reports

## Function focus location reports

Identify and assess **function-specific** growth opportunities in regions

3 reports per year

- Comparative analysis of cities in a region for a specific function (e.g., IT-ADM, customer service)
- Comparison of cities on:
  - Operating costs
  - Talent pool
  - Key players
  - Risks
  - Future outlook



## Emerging location trends

Keep up with the **latest themes** in location strategy and management

2 reports per year

- Reports/viewpoints addressing specific global/regional themes
- Examples of topics:
  - Tier-2/3 cities in CEE
  - Rise of onshoring
  - Emerging functional opportunities in locations

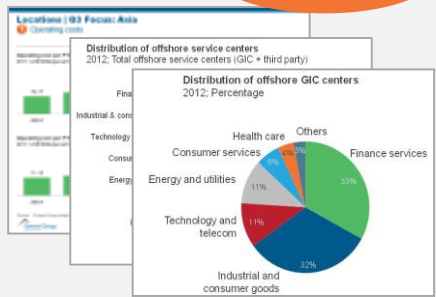


## "Next-wave" location profiles

Stay ahead of competition in understanding opportunities in "next-wave" locations

10 profiles per year

- Short profiles of emerging / "next-wave" countries or cities for global sourcing
- Coverage includes:
  - Global sourcing profile
  - Operating costs
  - Players present
  - Key risks, opportunities, drivers, and challenges

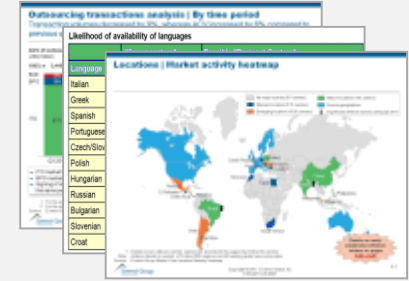


## Global locations annual report

Annual update of locations activity, risks, perceptions, and plans

1 report per year

- Annual report on activity and key developments across locations
- Analyses include:
  - Location set-up activity
  - Perceptions and plans of buyers and providers
  - Rankings of locations by function
  - Risk watch



Includes complimentary access to the annual locations webinar and access to analysts

# Locations Insider research calendar

■ Published
 ■ Current

Topic	Release date
Many Voices, Many Locations: Understanding the Multi-lingual Contact Center Market in East and Southeast Asia .....	April 2016
"Next-wave" location profiles: Dalian, China .....	May 2016
"Next-wave" location profiles: Iasi, Romania .....	June 2016
Global Hotspots For Digital Services .....	June 2016
IT Services Delivery from Latin America (LATAM) .....	June 2016
"Next-wave" location profiles: Dominican Republic .....	July 2016
"Next-wave" location profiles: Jordan .....	July 2016
"Next-wave" location profiles: Estonia .....	August 2016
Innovation Beyond Borders – Global Talent Hotspots for Engineering Services and Research & Development (ER&D) .....	August 2016
Banking middle- and back-office services delivery from Nearshore Europe .....	September 2016
Bridging the Talent Gap: Global Hotspots for Analytics Services .....	September 2016
"Next-wave" location profiles: Chandigarh, India .....	September 2016
"Next-wave" location profiles: Cape Town, South Africa .....	September 2016
"Next-wave" location profiles: Morocco .....	September 2016
IT Services Delivery from the U.S.: Making Location Decisions as Onshoring Increases .....	September 2016
Global Locations Annual Report 2016: Persistent Growth in Uncertain Times .....	October 2016
"Next-wave" location profiles: Kiev, Ukraine .....	Q4 2016



# Additional research references

The following documents are recommended for additional insight on the topic covered in this report. The recommended documents either provide additional details on the topic or complementary content that may be of interest

1. **Global Locations Annual Report 2015: Resurgence of Activity Amidst Evolving Propositions**([EGR-2014-2-R-1273](#)); The global services locations landscape is showing a resurgence of activity in 2015. While new center set-up activity in the year is likely to eclipse that in the preceding years, this growth is spread across relatively unexplored destinations and “next-wave” locations. The Global Locations Annual Report 2015 is a unique and comprehensive guide to understanding the nuances of the locations landscape and interpreting locations-related developments and trends to frame locations strategy. It presents insights into the size and growth of the global services market, update of locations activity, changes in risk profiles of locations, and an analysis of the maturity, arbitrage, and potential of locations (MAP Matrix™)
2. **Global Hotspots For Digital Services** ([EGR-2016-2-R-1778](#)); 2016. This report provides an in-depth view of the global digital services industry from a talent perspective. It covers the global distribution of digital talent coupled with cost trade-offs and provides readers with an up close view of global “sweet-spots” for various digital services
3. **IT Services Delivery from Latin America (LATAM)** ([EGR-2016-2-R-1803](#)), 2016: The report provides detailed data and analysis of the global IT services delivery landscape in Latin America. It covers overview of the offshore IT service delivery industry, assessment of key cities on parameters such as talent pool, market activity, operating cost, and risk, and relative attractiveness of locations and associated trade-offs.
4. **Innovation Beyond Borders – Global Talent Hotspots for Engineering Services and Research & Development (ER&D)** ([EGR-2016-2-R-1865](#)), 2016: This report provides an in-depth view of the global Engineering Services and Research & Development (ER&D) industry from a talent perspective. It covers global landscape and current distribution of ER&D talent across key delivery geographies and provides readers with an up close view of global “sweet-spots” for ER&D services

For more information on this and other researches published by Everest Group, please contact us:

**Anurag Srivastava**, Practice Director – Global Sourcing:  
**Manu Mehndiratta**, Senior Analyst – Global Sourcing:  
**Shailee Raychaudhuri**, Senior Analyst – Global Sourcing:  
**Akshay Pandita**, Senior Analyst – Global Sourcing:  
**Archit Goel**, Analyst – Global Sourcing:

[anurag.srivastava@everestgrp.com](mailto:anurag.srivastava@everestgrp.com)  
[manu.mehndiratta@everestgrp.com](mailto:manu.mehndiratta@everestgrp.com)  
[shailee.raychaudhuri@everestgrp.com](mailto:shailee.raychaudhuri@everestgrp.com)  
[akshay.pandita@everestgrp.com](mailto:akshay.pandita@everestgrp.com)  
[archit.goel@everestgrp.com](mailto:archit.goel@everestgrp.com)

Website: [www.everestgrp.com](http://www.everestgrp.com) | Phone: +1-214-451-3000 | Email: [info@everestgrp.com](mailto:info@everestgrp.com)



## About Everest Group

Everest Group is a consulting and research firm focused on strategic IT, business services, and sourcing. We are trusted advisors to senior executives of leading enterprises, providers, and investors. Our firm helps clients improve operational and financial performance through a hands-on process that supports them in making well-informed decisions that deliver high-impact results and achieve sustained value. Our insight and guidance empowers clients to improve organizational efficiency, effectiveness, agility, and responsiveness. What sets Everest Group apart is the integration of deep sourcing knowledge, problem-solving skills and original research. Details and in-depth content are available at [www.everestgrp.com](http://www.everestgrp.com).

### Dallas (Headquarters)

info@everestgrp.com  
+1-214-451-3000

### Bangalore

india@everestgrp.com  
+91-804-276-4533

### Delhi

india@everestgrp.com  
+91-124-496-1000

### London

unitedkingdom@everestgrp.com  
+44-207-129-1318

### New York

info@everestgrp.com  
+1-646-805-4000

### Toronto

canada@everestgrp.com  
+1-647-557-3475

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