



Multinationals and regional development: evidence from Europe

Roberta Rabellotti

Department of Social Sciences, University of Pavia, Department of Business and Management, Aalborg University

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Multinationals hit the headlines when they arrive in new countries/regions



Tata Group plans investing \$1.4 bn to establish a manufacturing plant in Slovakia.



Jaguar Land Rover: Still coming to Slovakia, despite Brexit

British carmaker Jaguar Land Rover will still come to Slovakia despite Brexit, Alexander Wortberg, the company's executive director for the investment in Nitra, said on July 26.



Multinationals hit the headlines when they leave or threaten they would leave...

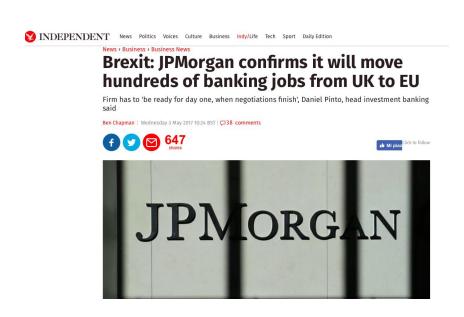
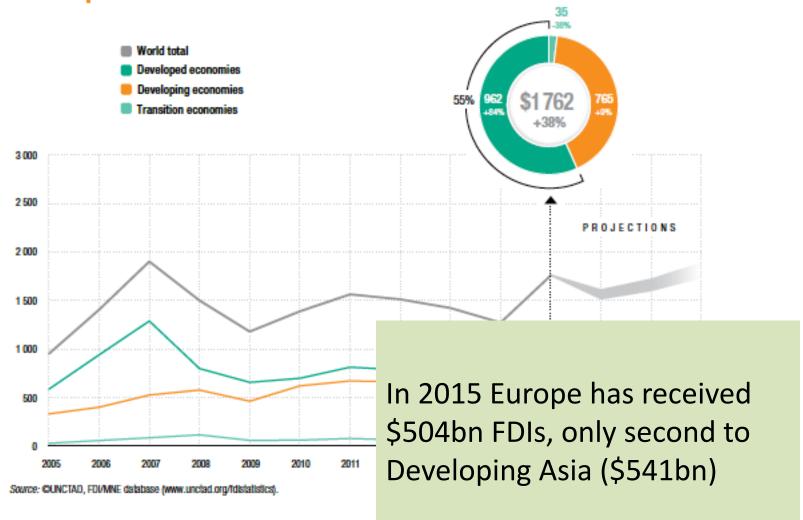




Figure 1.1. Global FDI inflows by group of economies, 2005–2015, and projections, 2016–2018 (Billions of dollars and per cent)



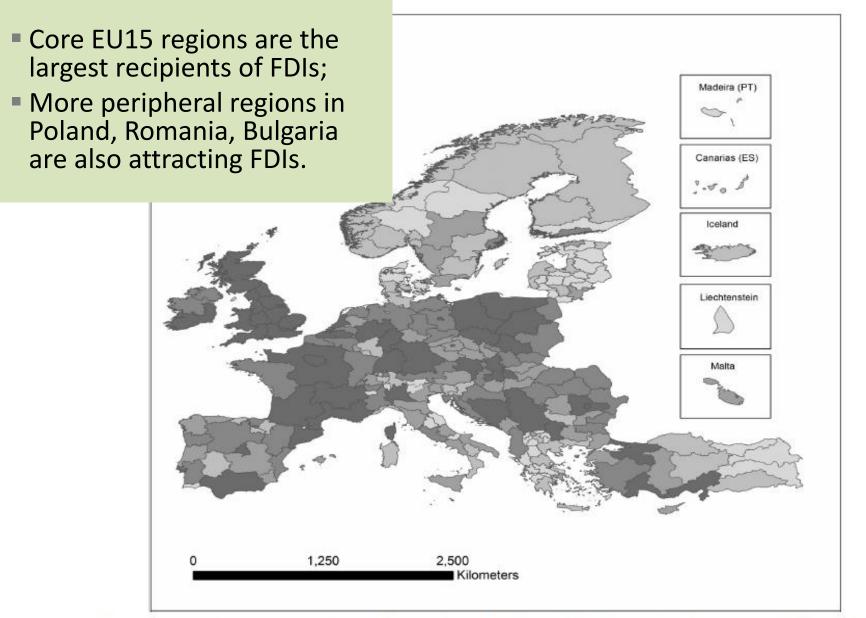


Figure 1. Foreign direct investment towards the regions of Europe (cumulative inward capital expenditure, 2003–14, US\$ millions).

Source: Authors' elaboration of fDi Markets data.

MNEs as global pipelines

- Regional economic and innovation development does not depend exclusively on localized productive and knowledge assets, but need to combine 'local buzz' (Storper & Venable, 2004) with "global pipelines" (I.e. MNEs) (Bathelt, Mamberg & Maskell, 2004);
- Key question to address is: how MNEs investment strategies do interact with regional development trajectories?
- This requires an interdisciplinary approach involving:
 - International Business Studies (i.e. MNEs strategies);
 - International Economics (i.e. direct and indirect impact on home and host economies);
 - Economic Geography (i.e. location and agglomeration of MNEs and the spatial dimension of networks).

A long-run research agenda and some (selected) contributions

- 1 On the location strategies of different GVC functions undertaken by MNEs;
- 2 On different location strategies undertaken by MNEs from emerging countries (EMNEs) compared with MNEs from advanced countries;
- 3 On the choice between acquisitions and greenfield investments.

Innovation drivers, value chains and the geography of multinational corporations in Europe

Riccardo Crescenzi*,†, Carlo Pietrobelli** and Roberta Rabellotti***

Abstract

This paper investigates the geography of multinational corporations' investments in

egions. The 'traditional' sources of location advantages (is, market access and labour market conditions) are considered and socio-institutional drivers of investments, captured by er' conditions. This makes it possible to empirically assess such advantages in the location decision of investments are chain and disentangle the differential role of national varical analysis covers the EU-25 regions and suggests the conditions are crucially important for the location decision ast sophisticated knowledge-intensive stages of the value of

ion, multinationals, systems of innovation, value chains, re

F21, F23, O33, R12, R58

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^{*}Department of Geography and Environment, London School of Economics, London, UK

^{**}Inter-American Development Bank, Washington, DC, USA & Universita' Roma Tre, Italy

^{***}Dipartimento di Scienze Politiche e Sociali, Università di Pavia, Pavia, Italy

[†]Corresponding author: Riccardo Crescenzi, Department of Geography and Environment, London School of Economics, London, UK. *email* < r.crescenzi@lse.ac.uk>

Research Questions

- How do MNEs
 organise the
 different stages of
 their value chains in
 space?
- What is the role of national vs regional factors?
- Do regional innovation factors matter for the MNEs' location choice?

Data and method

- 19,444 greenfield investments from the entire world into the EU25 countries, geocoded at NUTS2 level (Source FDIMarkets);
- **5 functions**: Headquarters, Innovative Activities, Commercial Activities, Manufacturing Activities, Logistic and Distribution;
- Nested logit model: a) choosing a country i and b) selecting a region j in the chosen i country.

Investment location drivers

1) Innovation

- R&D Investments as a share of Regional GDP and Patent Intensity;
- Social Filter measuring structural pre-conditions to establish well functioning regional systems of innovation (Crescenzi & Rodriguez Pose, 2011);
- 2) FDIs Regional Agglomeration (i.e. total pre-existing investments; total investments in the same sector and total investments in the same functions);
- 3) Market size and labour market indicators.

Findings in a nutshell

- MNEs locate the different functions where they can be carried out most effectively tapping into location-specific resources and capabilities;
- Regional factors are stronger drivers for:

Policy implications

Local governments should not trying to attract headquarters, as decisions on their location depend on national-level features;

 They rather should try to attract innovative functions by improving their innovation system, their local knowledge assets and their socioinstitutional environment. 5, 2016 4313.2015.1129395



egic assets and the location strategies of ntries' multinationals in Europe[†]

Carlo Pietrobelli^{b,c} and Roberta Rabellotti^d

ny and Environment, London School of Economics, London, UK; ^bInter-American ington, DC, USA; ^cDepartment of Economics, Università Roma Tre, Roma, Italy; Dipartimento di Scienze Politiche e Sociali, Università di Pavia, Pavia, Italy

ABSTRACT

This paper explores the location strategies of multinational enterprises (MNEs) from emerging countries (EMNEs) in search for regional strategic assets. The analysis is based on a systematic comparison between EMNEs and multinationals from advanced countries (AMNEs) in order to unveil similarities and differences between these two major sources of foreign investment into the regions of the European Union. The empirical results suggest that EMNEs follow a distinctive logic in their location strategies. They are attracted by the availability of technological competences only when their subsidiaries pursue more sophisticated and technology-intensive activities. Conversely, EMNEs share some behavioural similarities with AMNEs in their response to the spatial agglomeration of investments.





 Do MNEs from emerging countries follow different location strategies from MNEs from advanced countries?

Global Agenda China Growth

WORLD

The new Fortune Global 500 is out. It shows a shift in the world's business landscape



Findings in a nutshell

 EMNEs seek technological competences (measured by patent intensity) only when investing in knowledge intensive functions;

Policy implications

- Regional institutions can play a key role in enabling and accelerating the 'insidership' of EMNEs;
- Facilitating the connections with local firms and universities might be a possible policy tool to facilitate embeddedness within local innovation systems;
- This would also generate opportunities for advanced host countries' managers and entrepreneurs to learn from new investors: win-win strategy (Giuliani et al, 2014).





FDI mode, firm heterogeneity and institutional conditions



with
Vito Amendolagine &
Riccardo Crescenzi

FDI mode choice

- MNEs conduct FDI by either engaging in greenfield investments (entering a foreign market by building a news enterprise) or in mergers and acquisitions (M&As) (entering a foreign market by buying an existing enterprise);
- Most of the empirical and theoretical economic literature has focused on the volume of FDI, neglecting its composition across mode chinese supplier plans electric car factory in
- The impact of M&As and great

BERI

May 4, 2017 18:56 CET

BERLIN -- China's Beijing WKW Automotive Parts Co. is betting on the future of electric mobility in Germany with a billion-euro factory.

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Beijing WKW will invest as much as 1.13 billion euros (\$1.24 billion) on an electric car factory in the eastern state of Saxony that will create over 1.000 new jobs, according to a statement by the regional government on Thursday. Saxony courted WKW to set up manufacturing in the state to produce "premium" electric cars according to the statement.

"Saxony is already a car state and we want that to remain so in the future," regional Economy Minister Martin Dulig said. WKW hopes to benefit from a "Made in Germany" cachet for marketing its cars, Ministry spokesman Marco Henkel said by telephone on Thursday. WKW hasn't requested state aid, he said.

The Chinese company's planned investment in a plant in Rothenburg/Oberlausitz near the German/Polish border is occurring just as German carmakers gear up to boost production of electric vehicles. Saxony is already home to plants owned by Volkswagen and BMW. WKW will benefit from proximity to about 750 car part suppliers in the region, according to the statement.

Volkswagen has production sites in Zwickau and Chemnitz in the Saxony, while Porsche builds it Cayenne, Macan and Panamera models in Leipzig. BMW says it has one of its most modern plants in the same city, where it has built electric cars since 2013.

Pirelli Gets China As New Owner But Communist Driver Carries Big Risk





Global Mergers And Acquisitions Are At A Seven-Year High



Soyoung Kim and Greg Roumeliotis, Reuters

3 Jun. 30, 2014, 2:55 AM

5,422

According to UNCTAD (2016) a surge in cross-border M&As to \$721 billion from \$432 billion was the principal factor behind the global rebound of FDIs in 2015.

What does drive the mode choice?

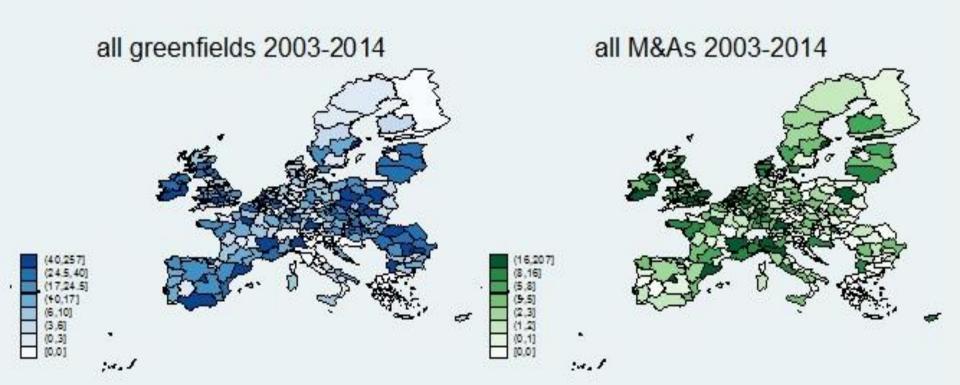
- Nocke and Yeaple (2008) develop a theoretical model explaining the choice between acquisitions and greenfield FDIs as a positive assortative matching process between MNEs' subsidiaries and headquarters;
- The choice between the two FDI modes differs according to:
 - the characteristics of the MNE;
 - the characteristics of the host countries in which the MNE invests;
- In our analysis, we add REGIONAL strategic assets and institutional conditions.

Research Questions

- 1 What are the MNEs'
 characteristics influencing
 the choice of the
 investment mode?
- 2 How national AND regional characteristics of the host economy do matter for this matching?
 - Do investments in more 'advanced' countries/regions favour one mode over the other?
 - Does institutional quality matter in the mode choice?

Data

- Investors are selected from the **Forbes Global 2000 list** (2015): 1,116 companies with at least one investment in the EU-28 during the period from 2003-14 (40% of the total value of greenfield and M&A deals directed to the EU-28 in 2014: UNCTAD 2016);
- For each company, we identify all foreign investments in the EU-28 (2003-2014): M&A (Zephyr) and Greenfield FDI (fDi Markets):
 - For each investment we know the establishment mode, year, sector, country, region, city and financial value;
- After dropping greenfield investments where there are not potential acquisition targets (i.e. domestic companies in the same NACE 2-digit sector as the investment):
 - 7,338 deals: 2,001 majority-owned acquisitions (27%) and 5,337 greenfield investments (73%).



The empirical model

- Logit model (Nocke & Yeaple, 2008)
- Dependent variable:
 - 1 if parent firm i in the industry j acquires a foreign company in industry k within country l,
 - <u>0</u> if the same company opts for a <u>greenfield FDI</u>.

Drivers of the mode choice

- Firm-level characteristics: productivity, size, industry diversification, past FDI experience; # of patents;
- Regional characteristics (as deviation from the national mean): size; GDP per capita, institutional quality, innovation level;
- Country characteristics: openness, geographical distance between the origin and the destination country of FDI;
- Time controls; country and industry fixed effects.

Regional and national FDI policies should be tailored towards the particular FDI mode: greenfield vs. acquisitions.

- Efficient and innovative MNEs enter foreign markets through greenfield investments;
- MNEs with previous investments in the same country enter with acquisitions;
- Richer regions (and country) attract more acquisitions than greenfield;
- Country institutional quality increases the probability of foreign acquisitions;
- Regional institutional quality magnifies the attraction of greenfield investments from highly productive MNEs;
- The more innovative regions attract acquisitions by more innovative multinationals.

Some general takeaways

- MNEs are driven by different location drivers according to their origin, industry, value chain stages, establishment mode choice;
- This heterogeneity results in complex sub-national strategies of internationalization;
- Regional development policies should evolve from the attraction of 'inward FDIs no matter what' to more diversified and place-sensitive policies accounting for this heterogeneity;
- "New" FDI policies need to be informed by diagnostic tools that fully account for the multifaced nature of FDIs.

Thank you

roberta.rabellotti.it