

Higher aspirations: An agenda for reforming European universities

BY PHILIPPE AGHION, MATHIAS DEWATRIPONT,
CAROLINE HOXBY, ANDREU MAS-COLELL AND ANDRÉ SAPIR



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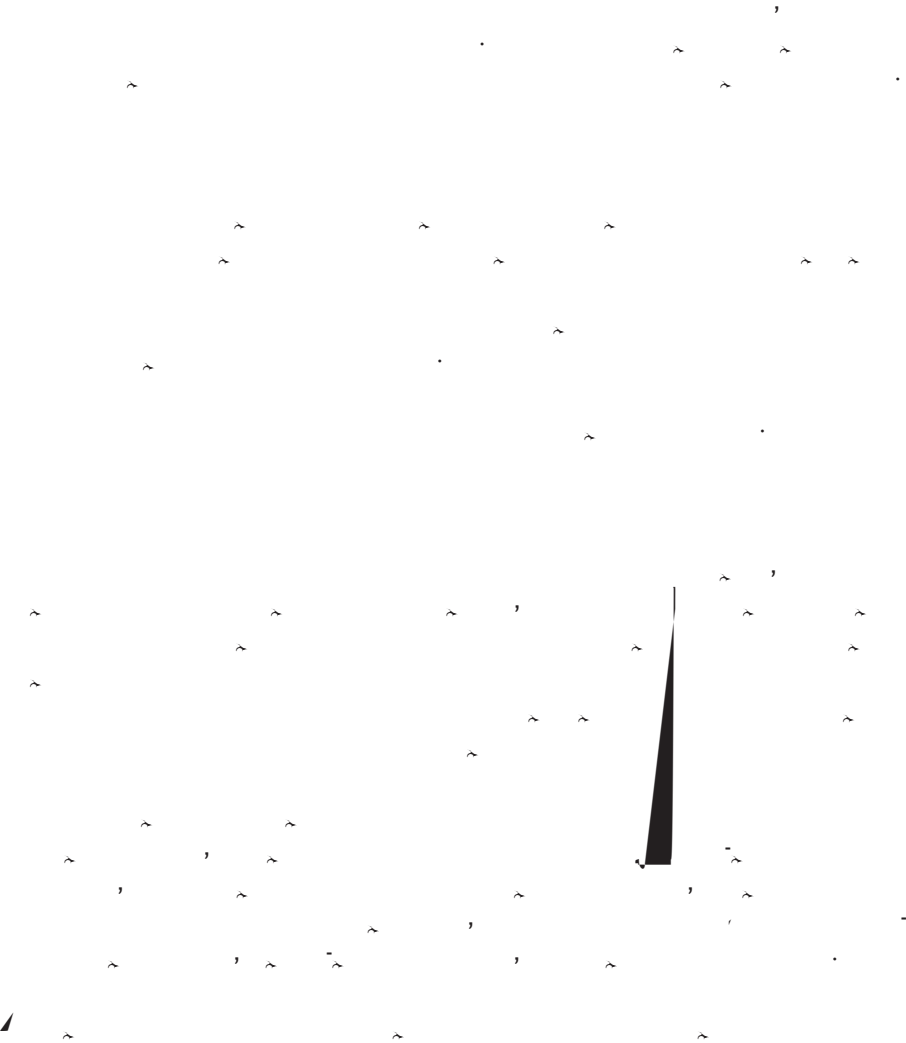
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Aida Caldera

Joan Monras Oliu

Executive summary



EXECUTIVE SUMMARY

Increasing the funding for universities:

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Increasing university autonomy:

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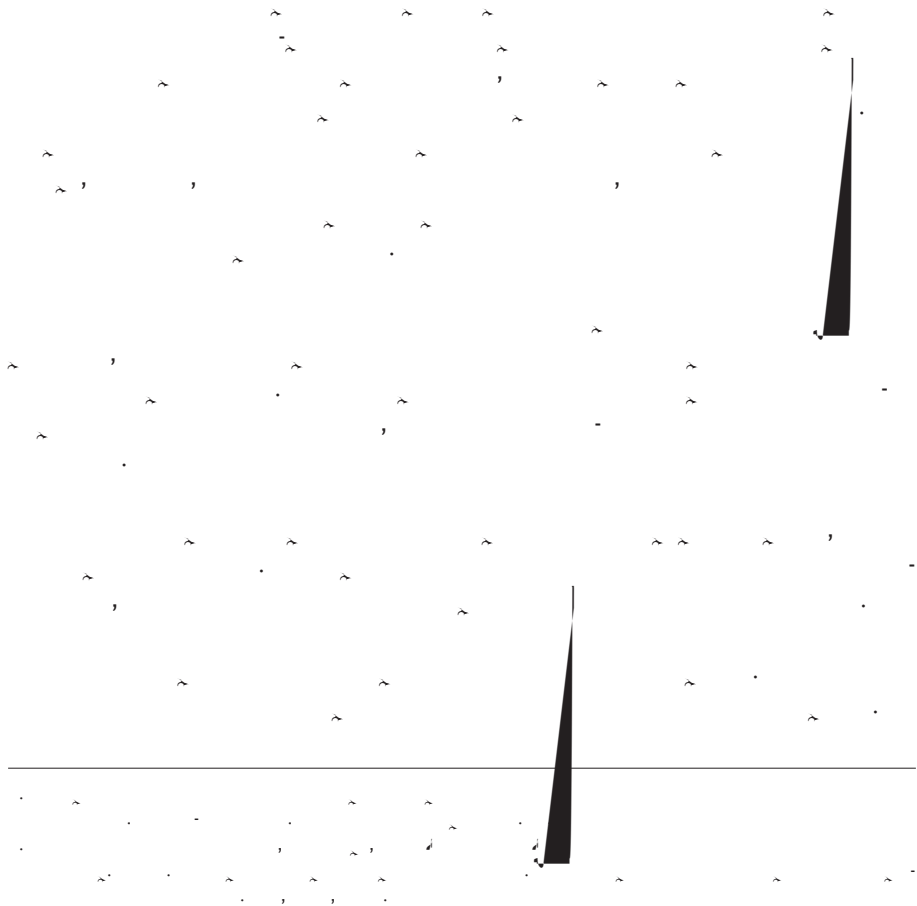
Increasing mobility and competition:

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2. A European space of higher education

2.1 Introduction



A EUROPEAN HIGHER EDUCATION SPACE



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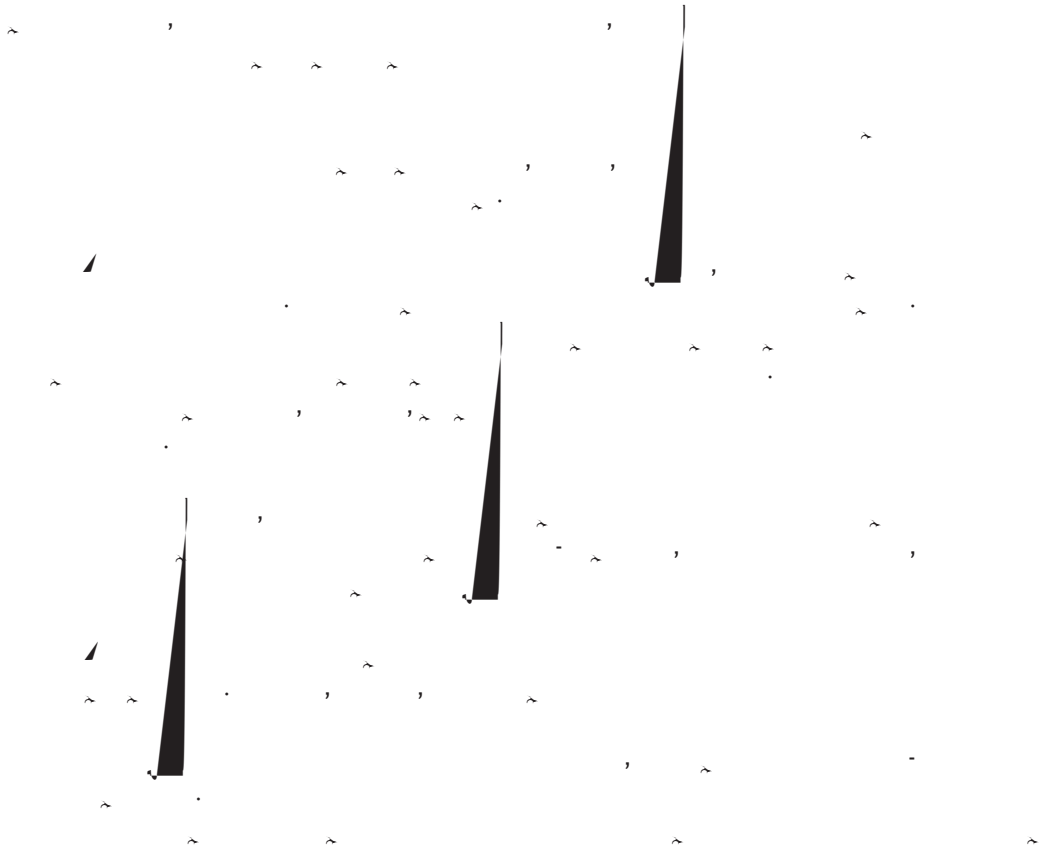


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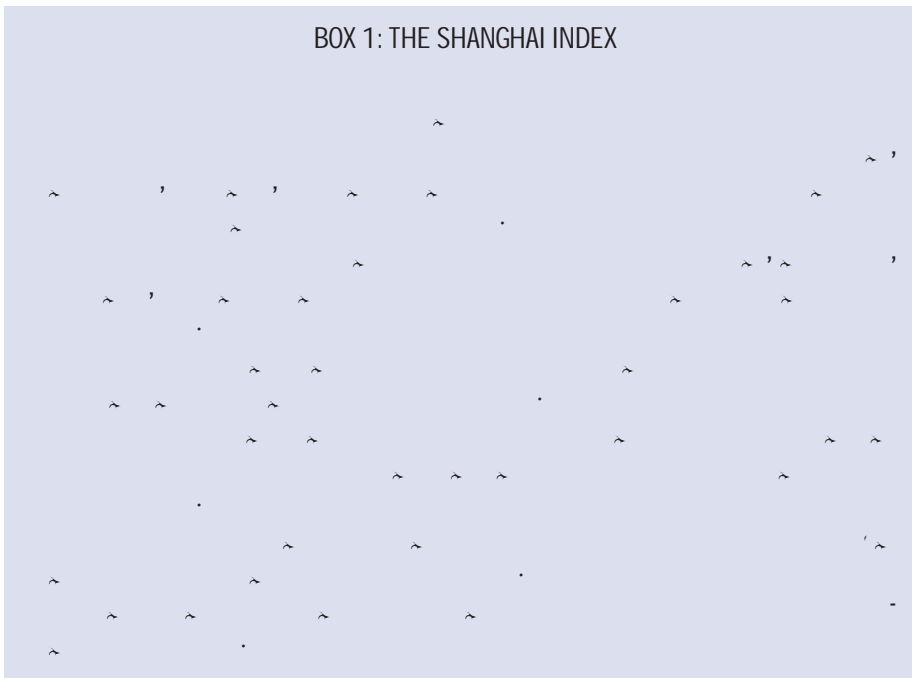


3. The research performance of European universities

RESEARCH PERFORMANCE



BOX 1: THE SHANGHAI INDEX



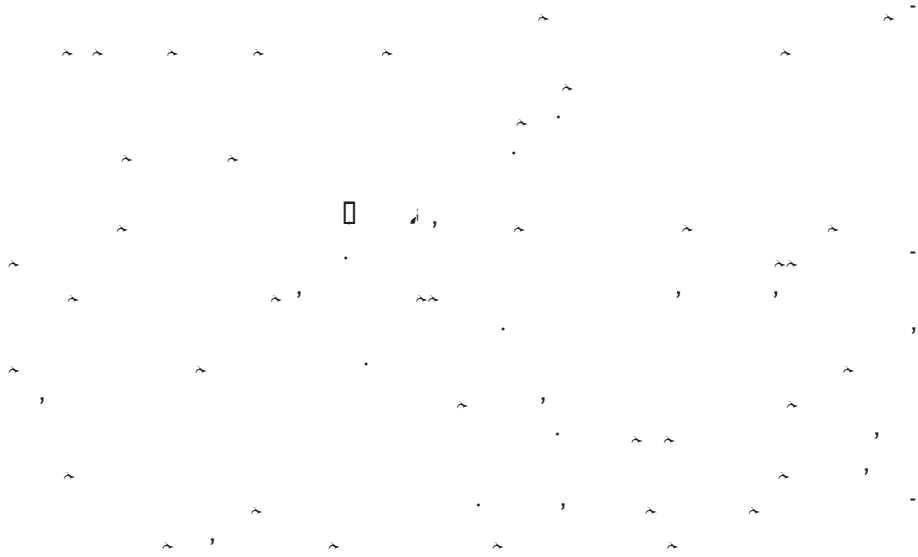


Table 2: Country performance in the Shanghai ranking (measured as percentages of the US per capita performance)

| Country | Population (millions) | Top 50 | Top 100 | Top 200 | Top 500 |
|---------|-----------------------|--------|---------|---------|---------|
|---------|-----------------------|--------|---------|---------|---------|

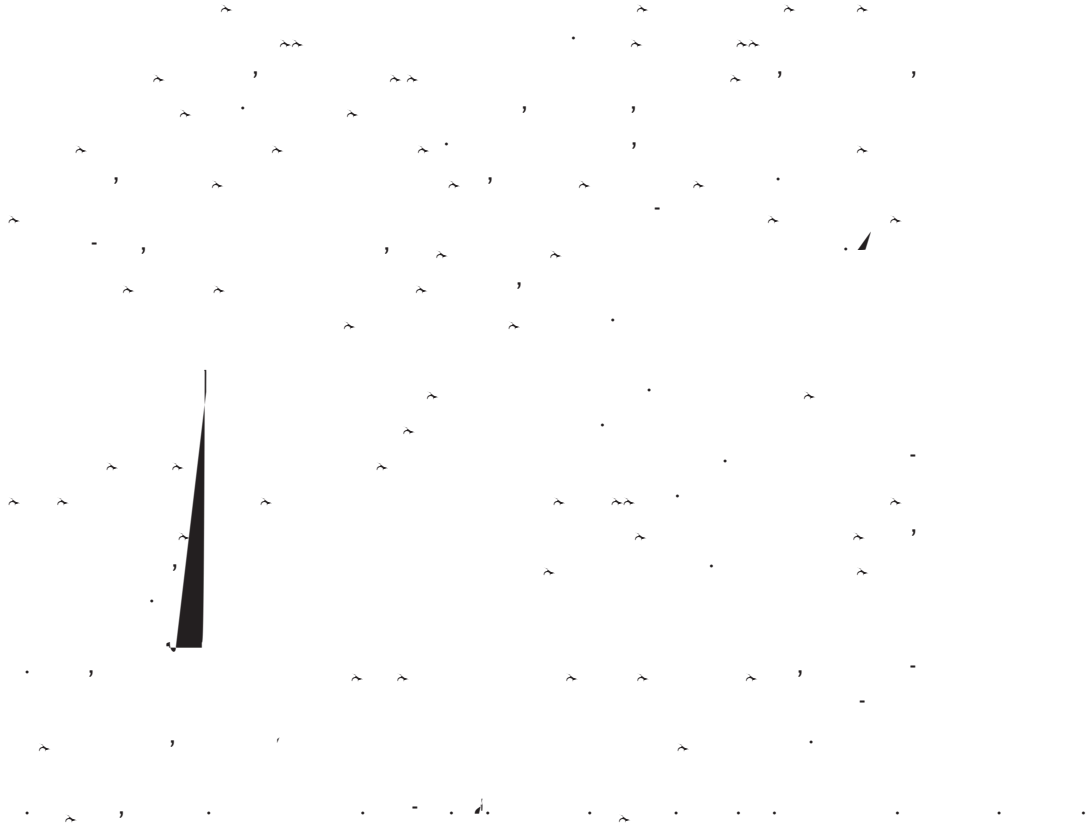


Table 4: Size and funding of the universities in the sample (averages)

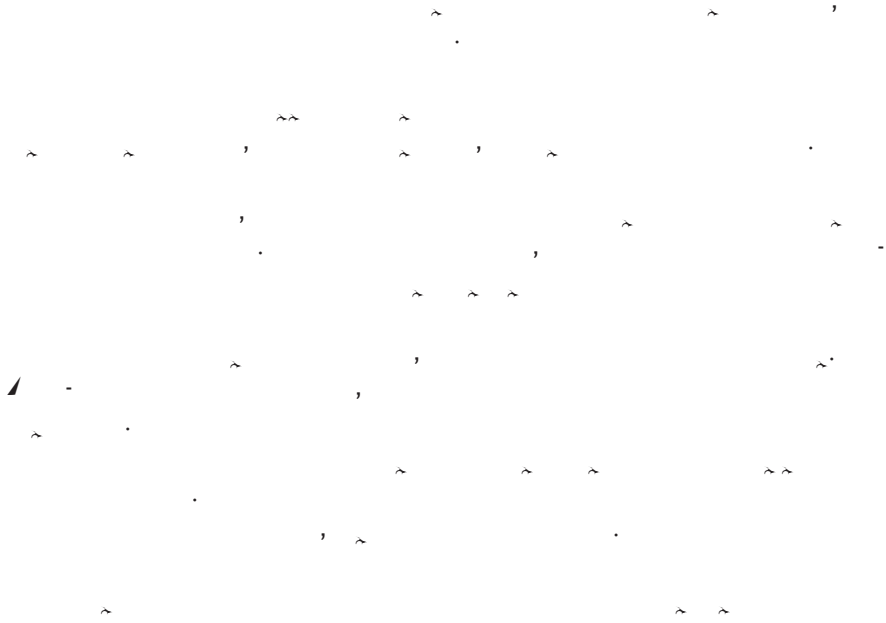
| | Number of students (thousands) | Budget per student (€ 000s)* | % budget coming from public core funding | % budget coming from tuition fees | % budget coming from competitive research grants | % of budget coming from other sources |
|------------|--------------------------------|------------------------------|--|-----------------------------------|--|---------------------------------------|
| Public | 10.5 | 10.5 | 100 | 0 | 0 | 0 |
| Private | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Non-profit | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| For-profit | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Other | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Total | 15.5 | 15.5 | 100 | 100 | 0 | 0 |

| | Number of students (thousands) | Budget per student (€ 000s)* | % budget coming from public core funding | % budget coming from tuition fees | % budget coming from competitive research grants | % of budget coming from other sources |
|------------|--------------------------------|------------------------------|--|-----------------------------------|--|---------------------------------------|
| Public | 10.5 | 10.5 | 100 | 0 | 0 | 0 |
| Private | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Non-profit | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| For-profit | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Other | 1.5 | 1.5 | 0 | 100 | 0 | 0 |
| Total | 15.5 | 15.5 | 100 | 100 | 0 | 0 |

UNIVERSITY FUNDING



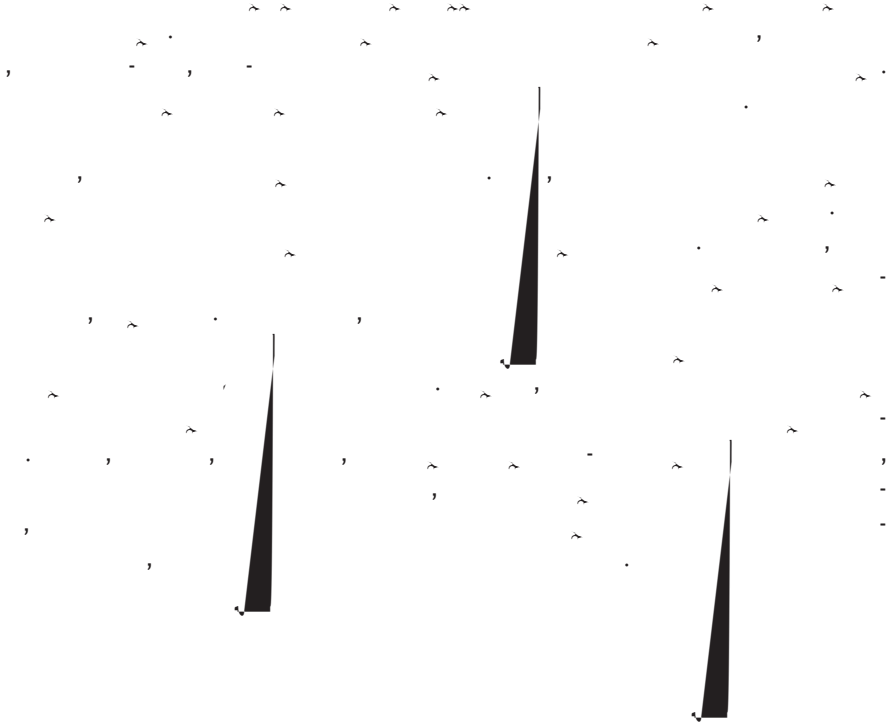




| | | | | |
|----------------|--|--|---|--|
| Age (in years) | Public status (1 if public, 0 if private) | Budget autonomy (1 if yes, 0 if no) | Building ownership (1 if yes, 0 if no) | Hiring autonomy (1 if yes, 0 if no) |
|----------------|--|--|---|--|

56.693 refBT0 9 -9 0 183.9167 3.0363 Tw5.105 340.157 37.494 56.693 refBT0 9

GOVERNANCE



6. Faculty and careers



Figure 5: PhD production in Europe in 2005

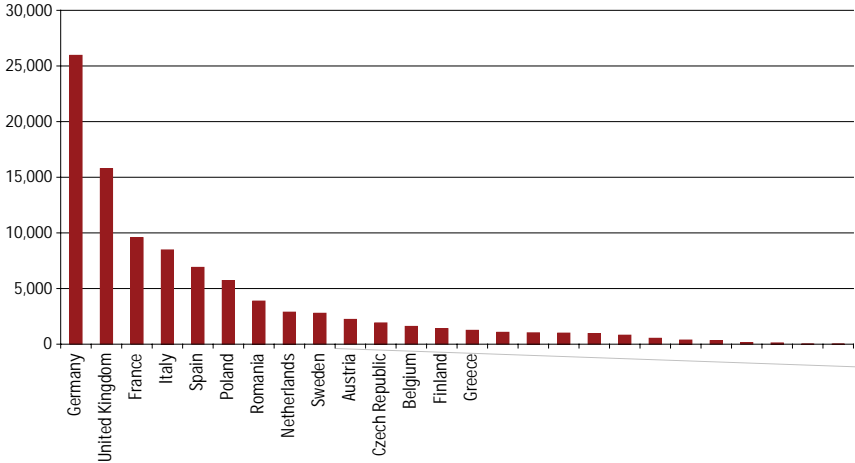


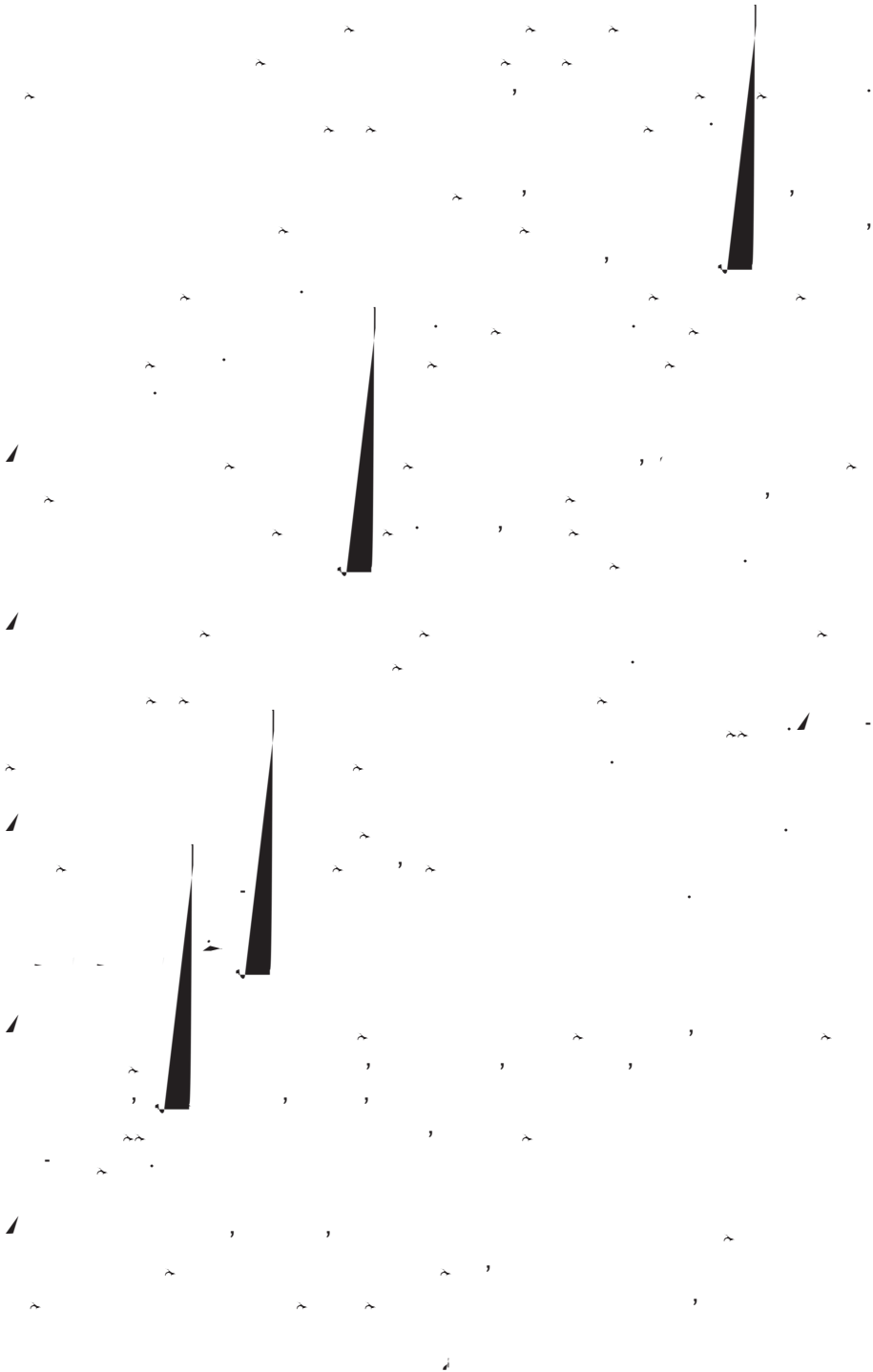
Figure 6: Employed PhDs in Europe

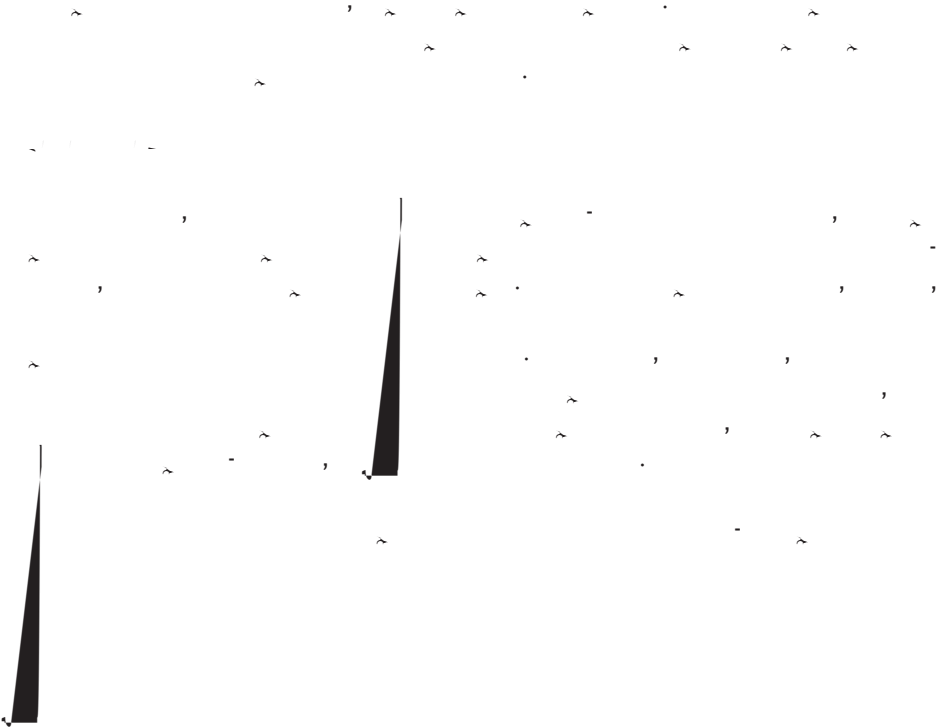


7. Recommendations

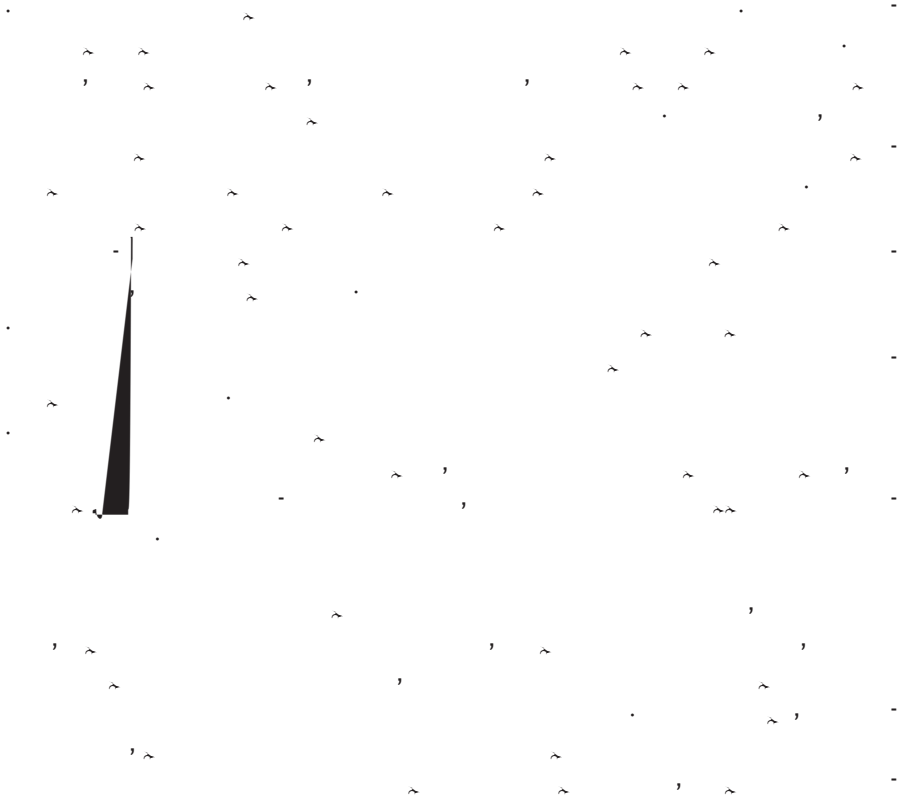
7.1 Financing

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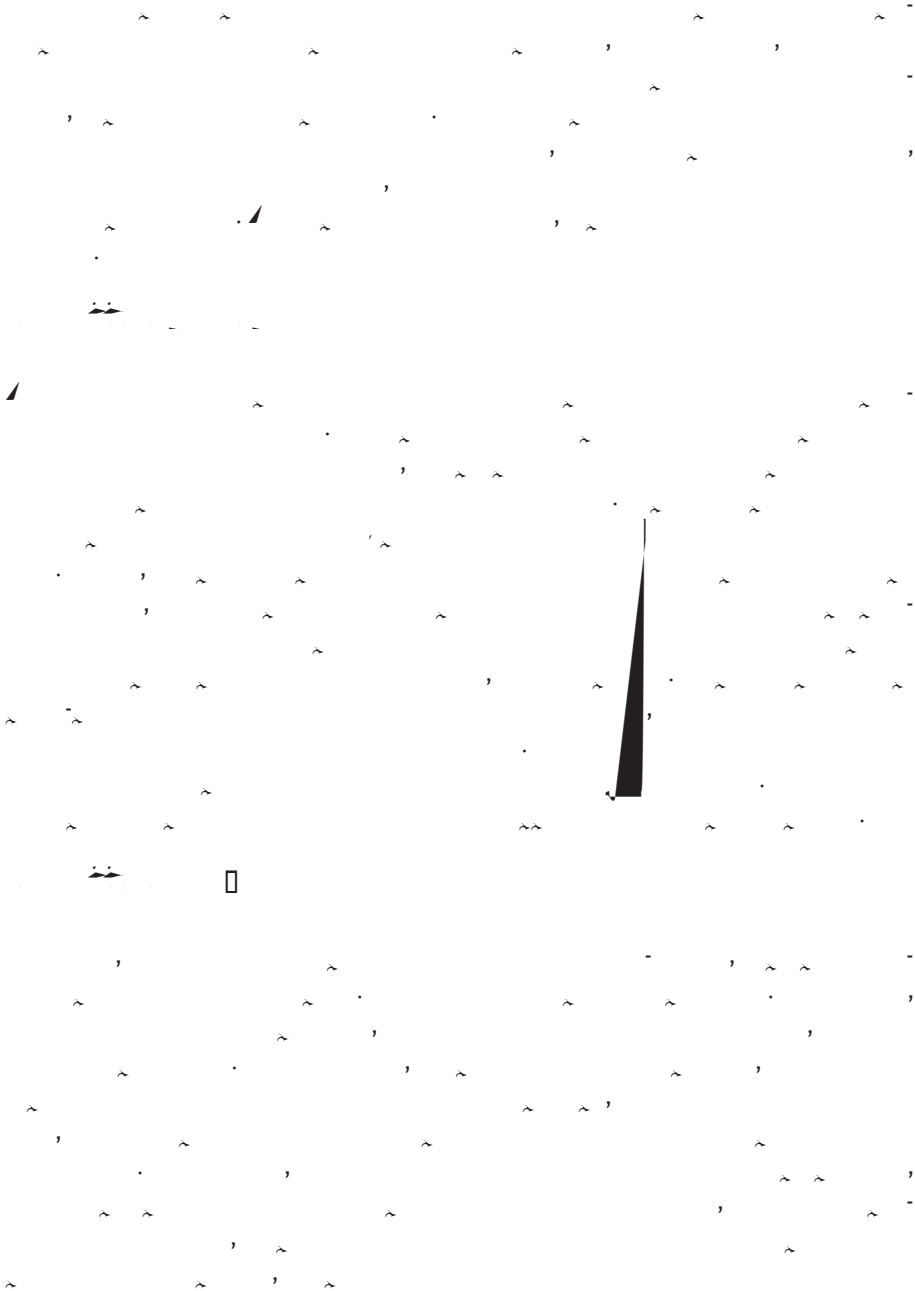




RECOMMENDATIONS



7.3 Competition and mobility: the role of Europe



RECOMMENDATIONS

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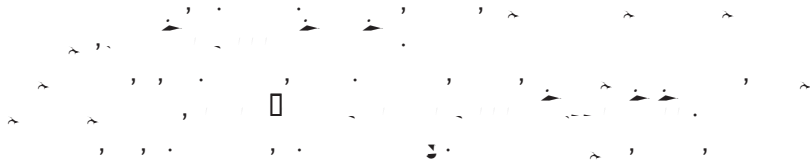
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References



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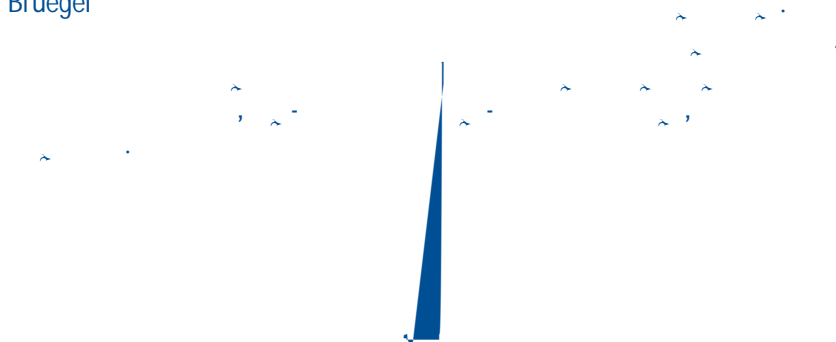
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