Capacity-building and space industry in Brazil

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Location of the space engineering courses

Quantity of Courses

SPACE ECONOMY RESEARCH GROUP
UNIVERSITY OF BRASÍLIA - UnB
Number of enrollments by race - 2021

- Total
- São Paulo
- Santa Catarina
- Rio Grande do Sul
- Minas Gerais
- Maranhão
- Distrito Federal

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Number of enrollments by age - 2021

Distrito Federal
- Total
- São Paulo
- Santa Catarina
- Rio Grande do Sul
- Minas Gerais
- Maranhão
- Total

0-24
25-34
35-49
50+
Brazilian Space Industry

São Paulo is the State with the highest number of space companies

Fonte: Freitas, L.H.M. Paper from Innovation Economy course. Design by Alessandro Avancini Motta de Souza
Yellow – States with space companies

Blue – cities with space companies

Red – cities with space engineering courses
1. Students migrate from their college city to places with aerospace companies after graduating.

2. The number of aerospace engineering graduates is probably higher than the sector’s demand.

3. So, those who are not absorbed within the sector either move to other sector or go abroad, in a brain drain.

4. Finally, the industry is a lot more territorially concentrated than university enrollment in the field, and this does not favor the sector’s development.
Thank you!

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