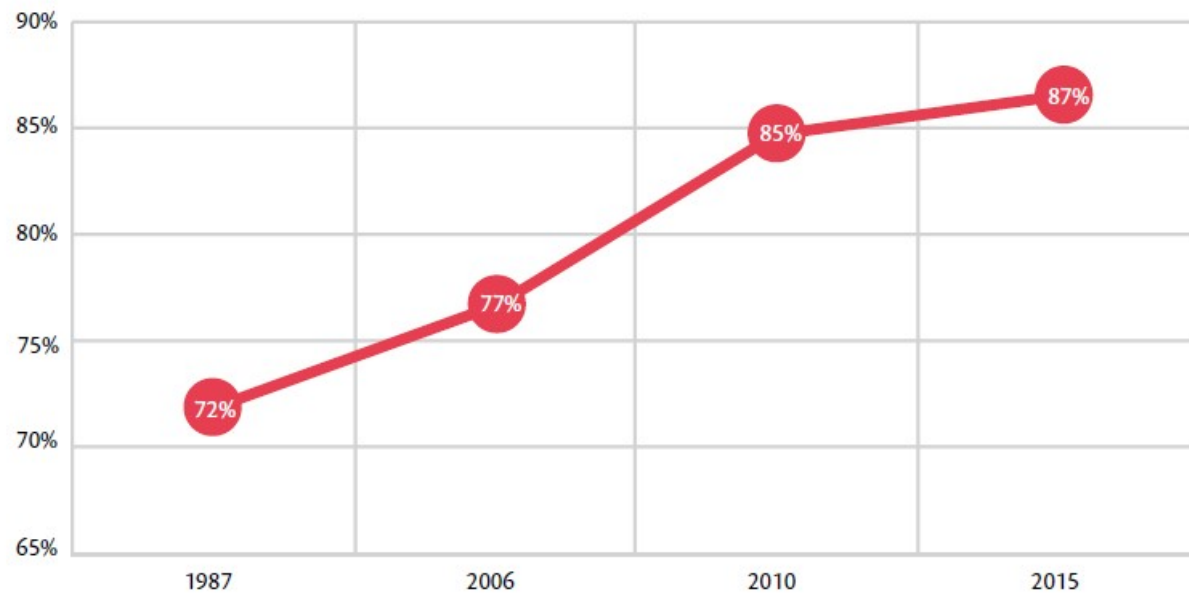




**Public perceptions
of S&T in Brazil, funding
crisis and the future**

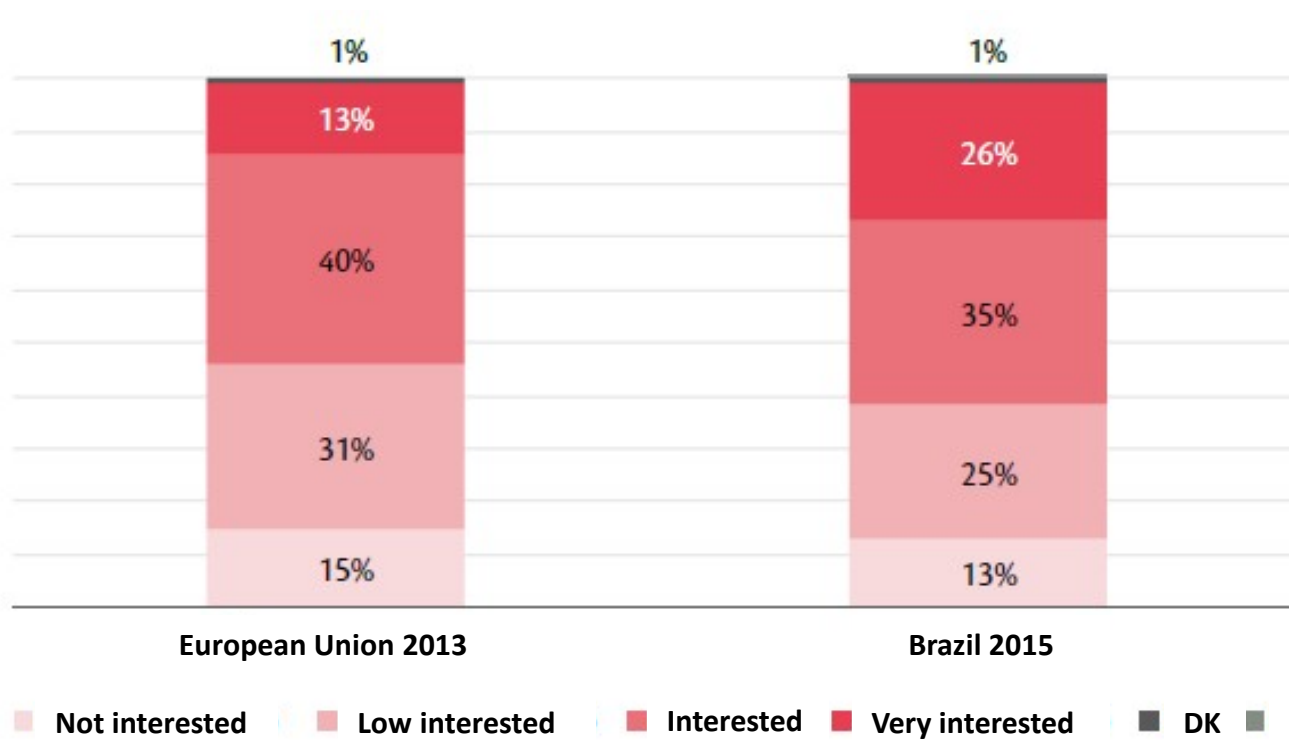
Interest in science and technology



The interest in science and technology increased 15% in Brazil between the first and the more recent survey

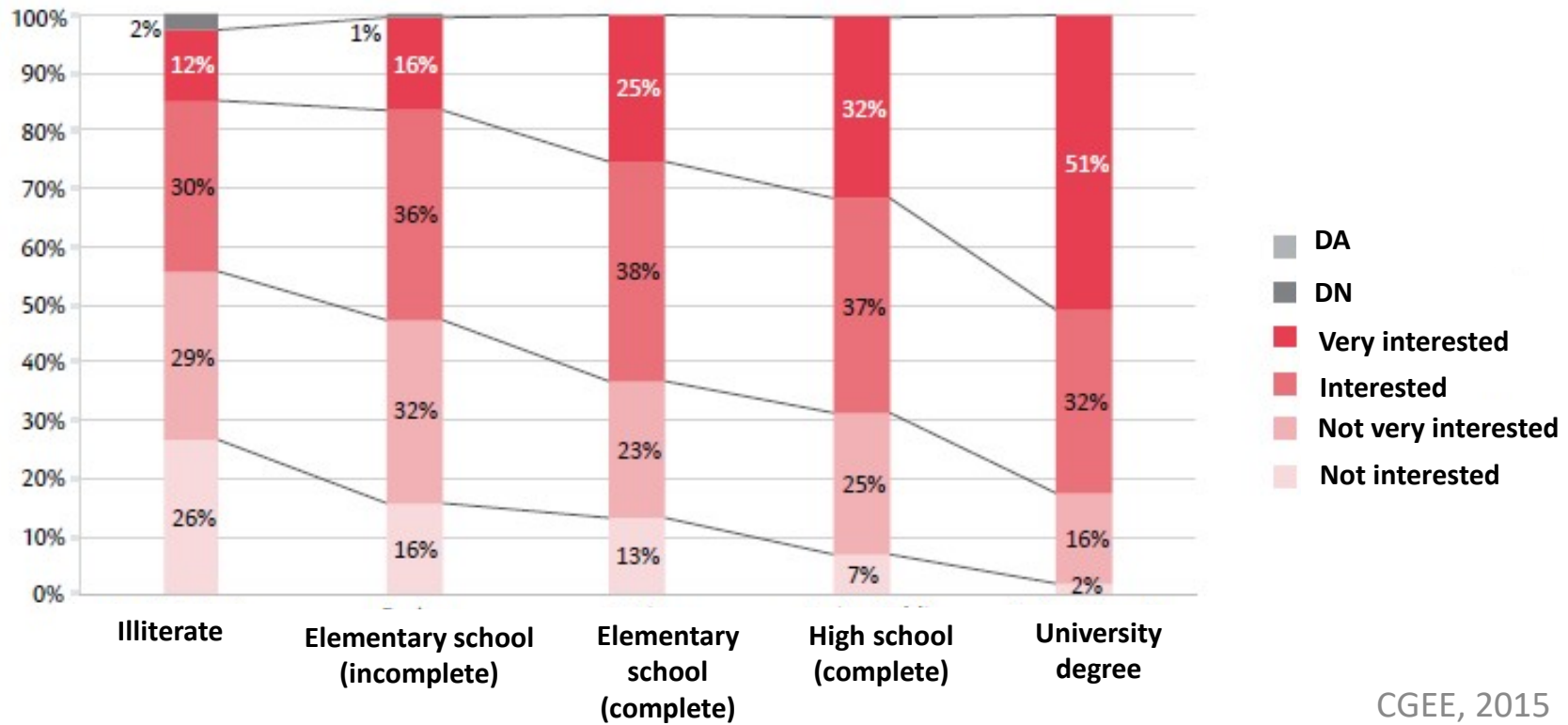
CGEE, 2015

Interest in science and technology European Union (2013) x Brazil (2015)



26% of the Brazilians are very interested in S&T, against 13% of the people interviewed in the European Union

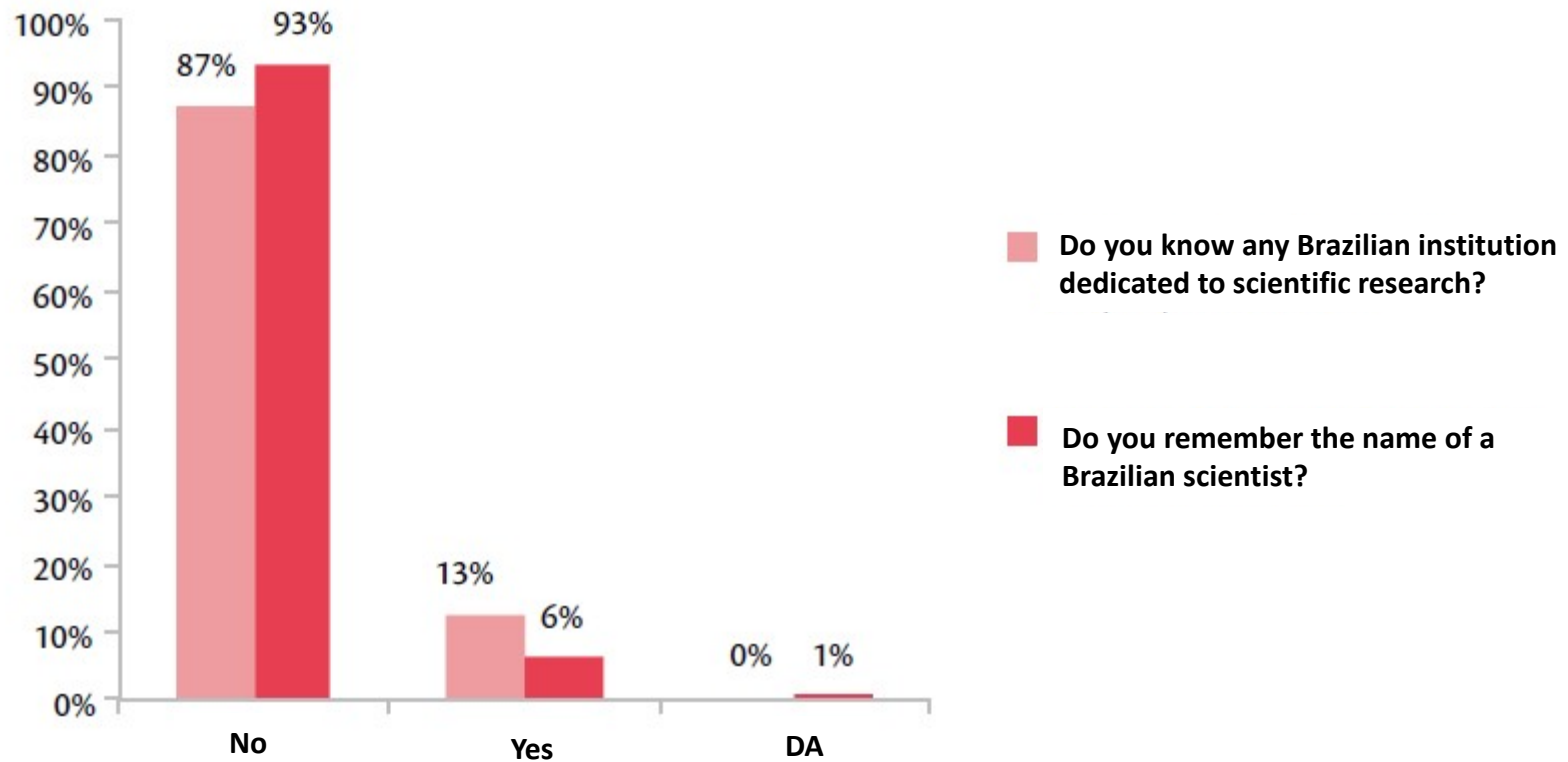
Who is interested?



CGEE, 2015

Those who have more formal education have more interest in S&T

Do you remember...



50% of Brazilians think scientists are smart people who do useful things for humanity

Science brings only benefits:

1987 – 12%

2006 – 29%

2010 – 38%

2015 – 54%

What inspires the scientists?

Helping humanity (34%), contributing to the advancement of knowledge (17%), contributing to the scientific and technological development of the country (15%)

People in the government should follow guidelines developed by scientists

Partially agree - 41% Completely agree - 18%

Scientific and technological developments will lead to less social inequalities

Partially agree - 35% Completely agree - 17%

Considering the surveys...

- **People in Brazil like S&T and scientists**
- **For Brazilians, S&T are important**

But...

- **We don't know very much about S&T**
- **And we have a romantic view of S&T**

So, what should we do? Invest?

September 29th, 2017

Dr. Michel Miguel Elias Temer Lulia
Presidência da República
Praça dos Três Poderes, Palácio do Planalto, 3º Andar
70.150-900 Brasília/DF

Your Excellency, President Michel Temer,

We, the undersigned Nobel Laureates, are writing to express our strong concern about the situation of Science and Technology in Brazil. The budget for research of the Ministry of Science, Technology, Innovations, and Communications had a cut of 44% in 2017, and a new cut of 15.5% is expected for 2018. This will damage the country for many years, with the dismantling of internationally renowned research groups and a brain drain affecting the best young scientists.

While in other countries the economic crisis has led sometimes to budget cuts for science of the order of 5-10%, a cut at the level of more than 50% is impossible to accommodate, and will seriously jeopardize the future of the country.

We know that the economic situation in Brazil is very difficult, but we urge you to reconsider your decision before it is too late.

Yours sincerely,

Claude Cohen-Tannoudji and 22 co-signing Nobel Laureates
1997 Nobel Laureate of Physics
Laboratoire LKB-ENS
24 Rue Lhomond-Paris 05
Email : claudc.cohen-tannoudji@lkb.ens.fr

Physiology or Medicine Nobel Winners

Harold Varmus (1989)
Jules Hoffman (2011)
Tim Hunt (2001)
Torsten Wiesel (1981)

Chemistry Nobel Winners

Ada Yonath (2009)
Dan Shechtmann (2011)
Jean-Marie Lehn (1987)
Johann Deisenhofer (1988)
Martin Chalfie (2008)
Robert Huber (1988)
Venkatraman Ramakrishnan (2009)
Yuan Lee (1986)

Physics Nobel Winners

Albert Fert (2007)
Andre Geim (2010)
Arthur McDonald (2015)
Claude Cohen-Tannoudji (1977)
David Gross (2004)
Frederic Haldane (2016)
Jerome Friedman (1990)
Klaus von Klitzing (1985)
Robert Laughlin (1998)
Serge Haroche (2012)
Takaaki Kajita (2015)

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A painting of the Brazilian flag AK ROCKEFELLER/Flickr (CC BY-SA 2.0)

In Brazil, researchers struggle to fend off deepening budget cuts

By Herton Escobar | Oct. 20, 2017, 7:14 PM

With time and money running out, Brazilian scientists are turning up the pressure on the federal government to avoid a total collapse of the national science and technology funding system before the end of the year.

Researchers last week delivered a petition with more than 82,000 signatures to congressional leaders in Brasília, demanding the reversal of deep budget cuts that have left research institutions struggling to pay even basic water and electricity bills. The petition delivery was part of a series of meetings and protests held across Brazil.

NATURE | NEWS



Scientists plead with Brazilian government to restore funding

If officials don't act soon, research institutions could start shutting down next year.

Claudio Angelo

04 October 2017

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Leonardo Baneza/Reuters

Protests against Brazilian president Michel Temer's policies have consumed the country amid severe budget cuts this year.

Anxiety is growing in Brazil over the country's collapsing research budgets. President Michel Temer had slashed funding for science by 44% in March and has proposed additional decreases for 2018 — even as some science institutes run out of money for basic needs, such as paying electricity bills. The 2017 science budget, at 3.2 billion reais (US\$1 billion), is the lowest the country has seen in at least 12 years.

Results...

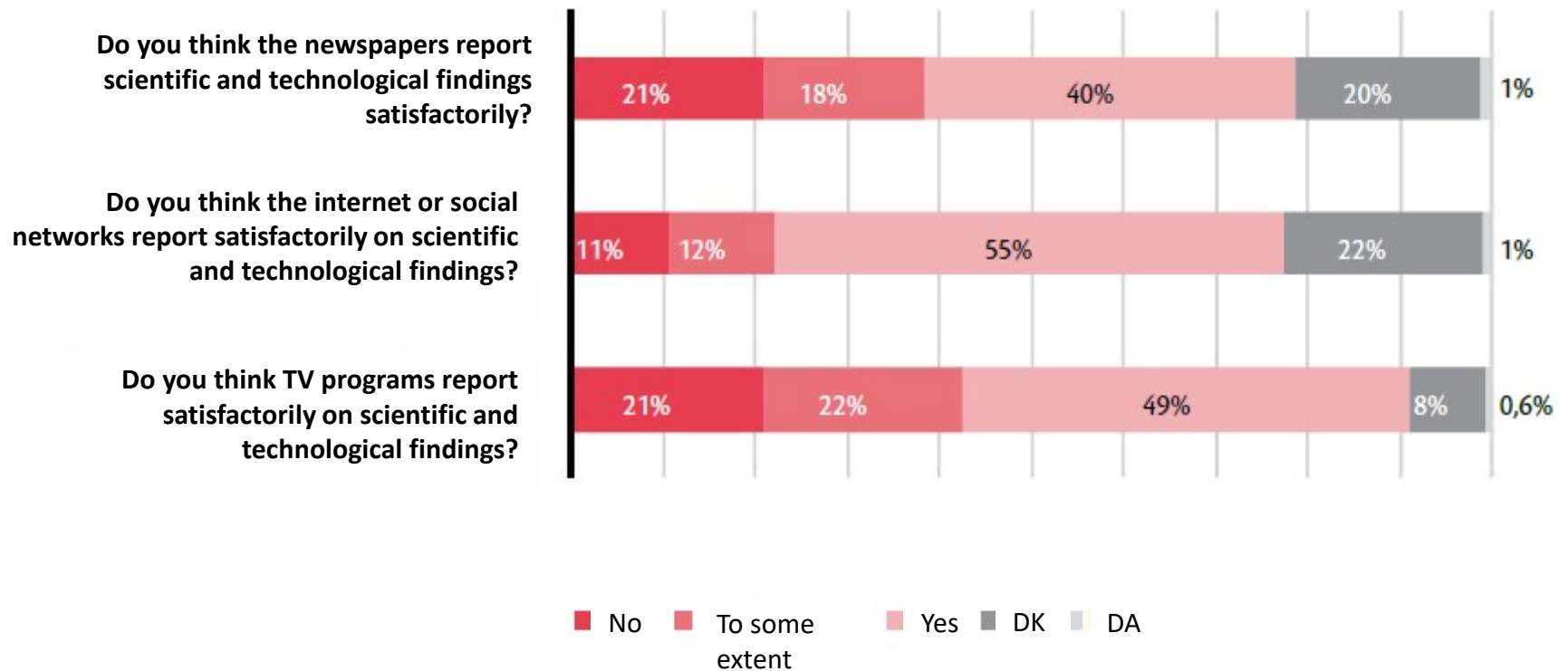


€ 3,4 billion

- Scientists are leaving the country
- Research lines have been discontinued

How do we deal with this situation?

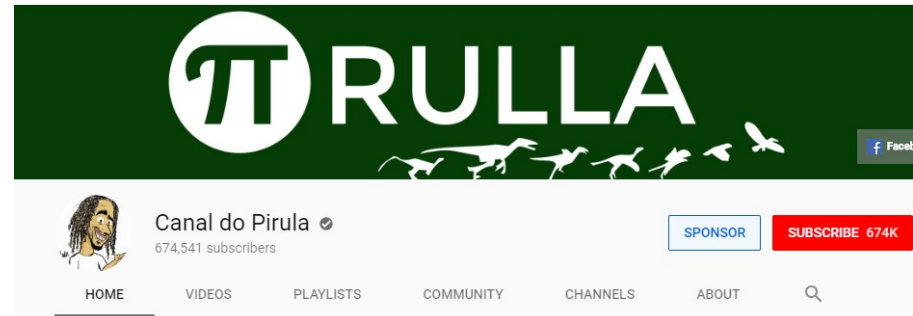
Improving the quality of information





→ Pint of Science

Bringing together scientists and non-scientists

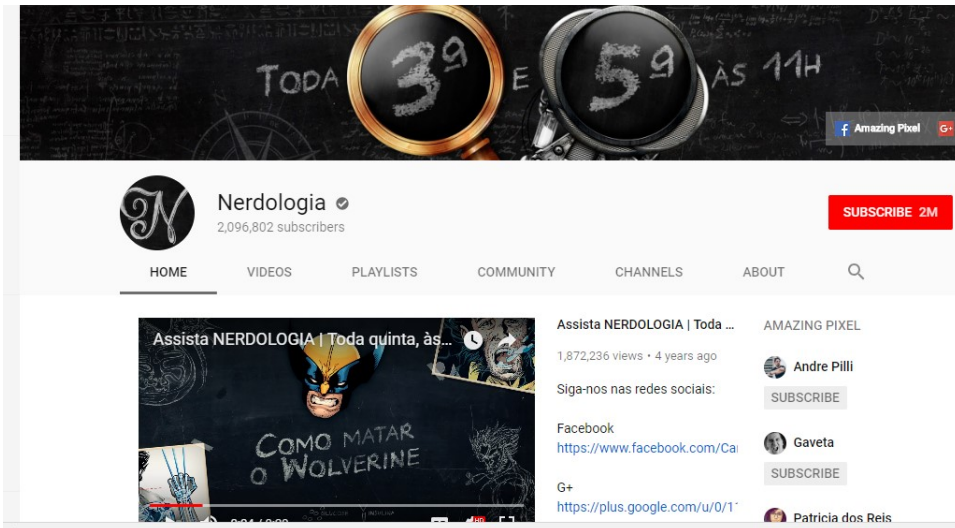


Bem-vindos!! (Apresentação ...
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 Sejam bem vindos!
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Looking for new sources of funding and claiming our constitutional rights

É competência comum da União, dos Estados, do Distrito Federal e dos Municípios: proporcionar os meios de acesso à cultura, à educação, à ciência, à tecnologia, à pesquisa e à inovação

Artigo 23 da Constituição Brasileira



Thank you!
emaildastefhanie@gmail.com