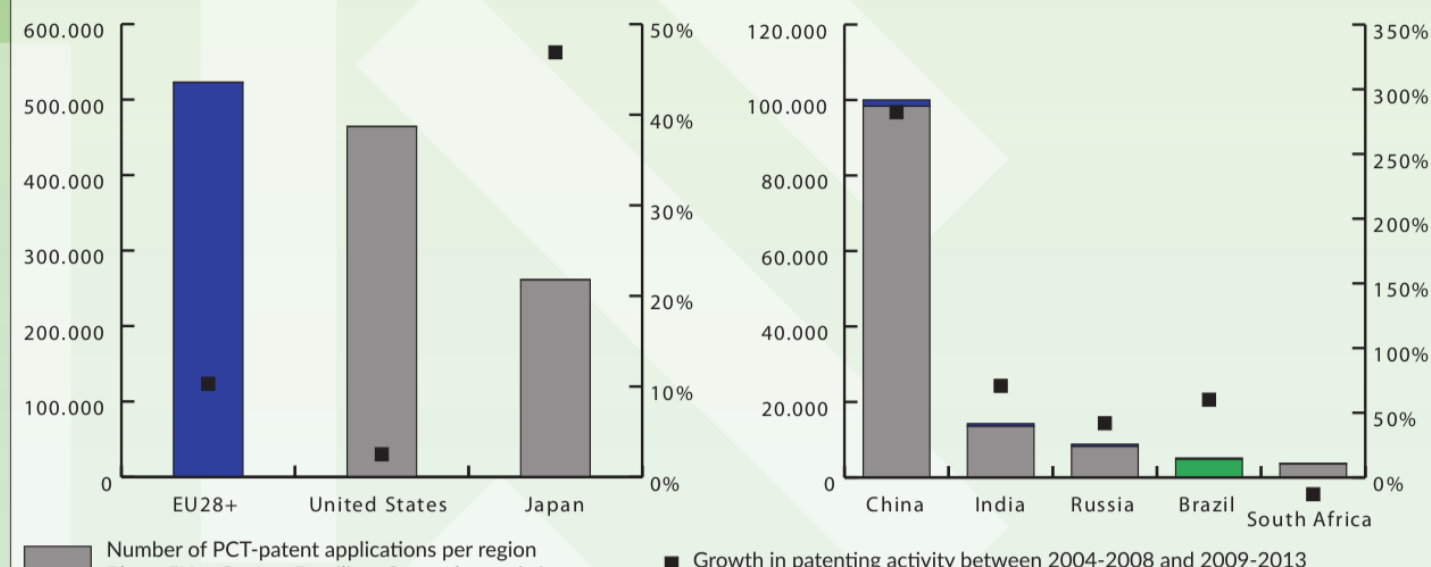


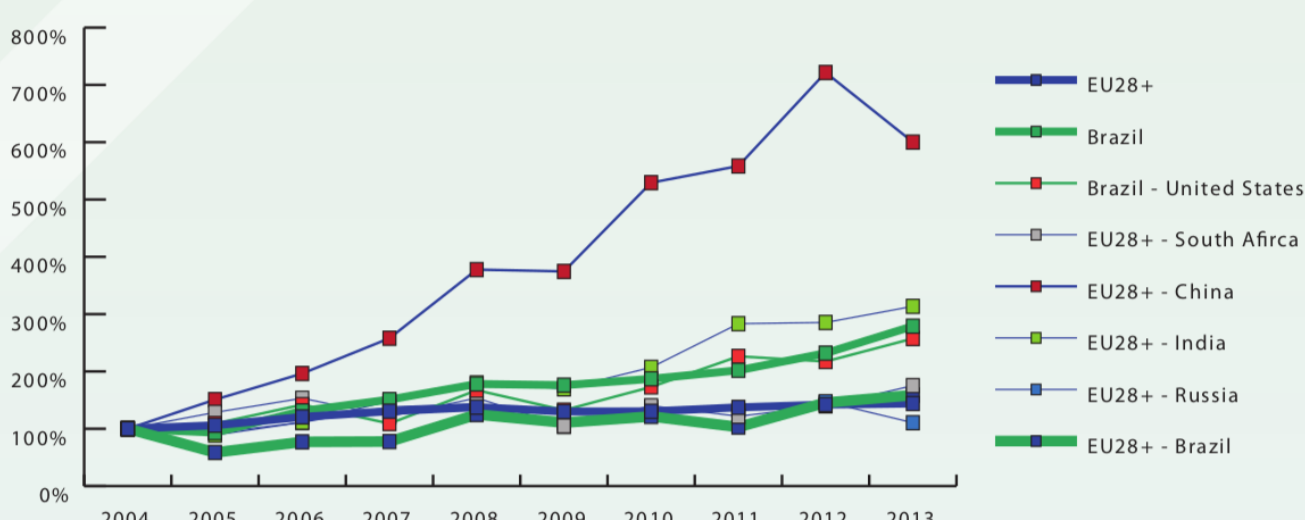
International co-inventions are one indicator for measuring cooperation in innovation. In this analysis they are used as a proxy for the current state of bi-regional Brazil-EU collaboration in research and innovation.

Total PCT patenting activity and growth in EU+, USA, Japan and BRICS countries and patent applications with Brazilian or European inventors 2004-2013

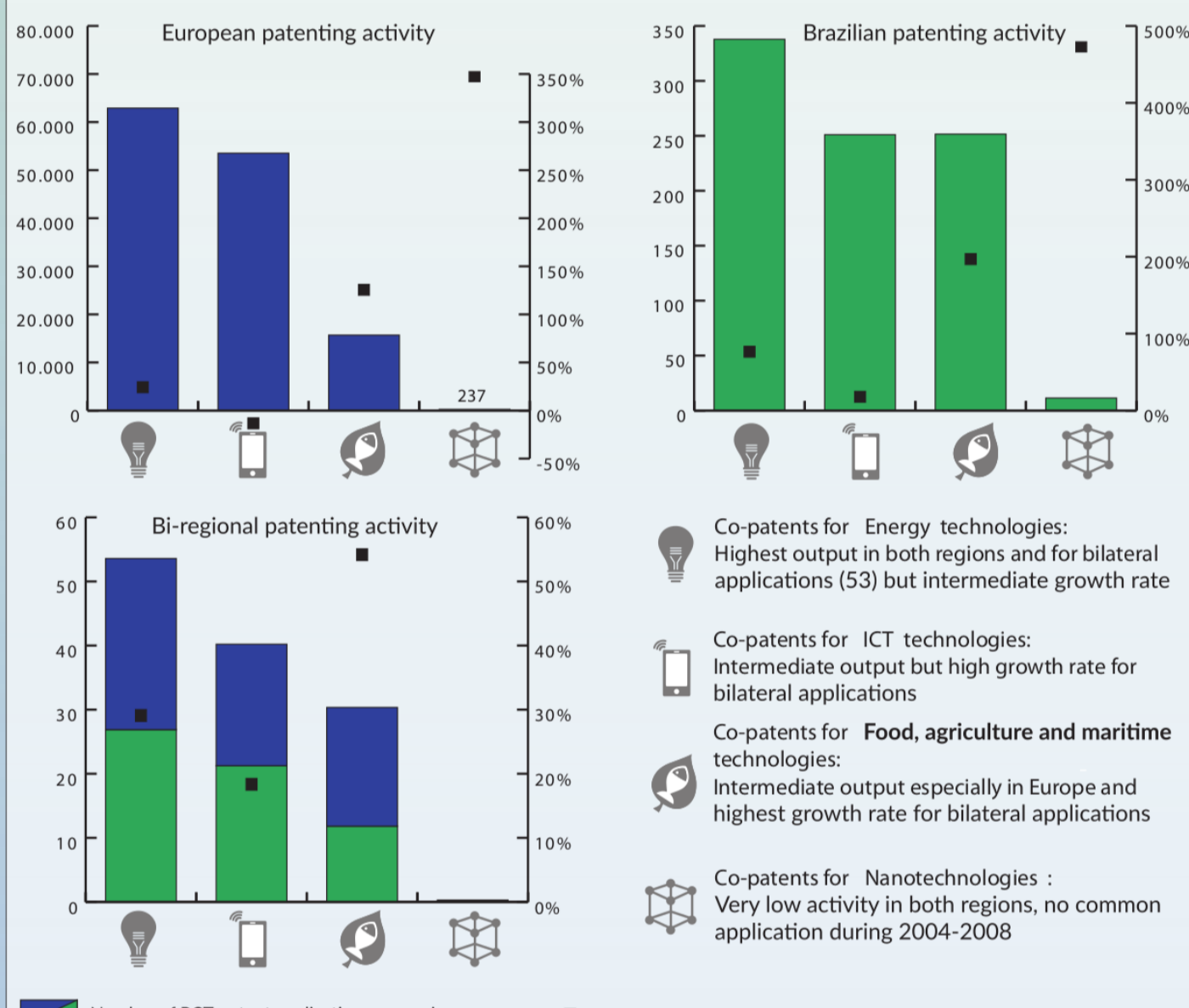


EU+ is comprised by EU28-countries and the associated countries Switzerland, Norway, Island, Turkey, Ukraine and Israel

Index of PCT co-inventions from Brazilian and EU+ inventors for 2004-2013



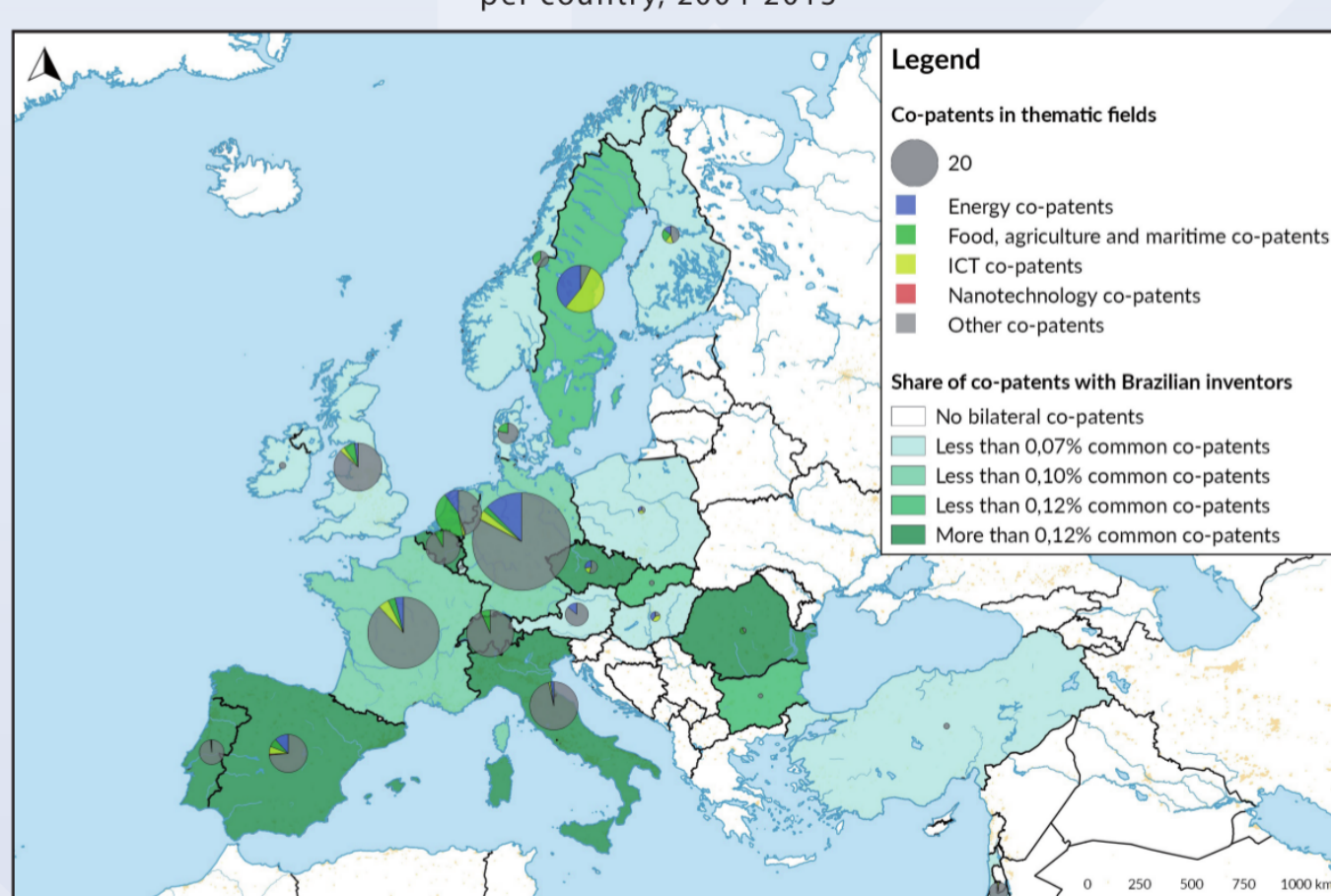
Brazilian, European and bi-regional PCT co-inventions and development in thematic focus areas in 2004-2013



Institutional applicants filing bi-regional co-inventions in thematic fields



Bilateral PCT co-inventions of Brazilian and European inventors per country, 2004-2013



Methodology :

In this analysis, patent applications are used as a proxy measure of underlying inventive activity in a country. The analysis is based on EPO's PATSTAT (Version Spring 2016). Only patent applications filed under the Patent Cooperation Treaty (PCT) and during the period 2004-2013 have been taken into account. The geo-localisation is based on the inventors' home address. We assume that this is the address closest to the origin of the invention. The patent applications are counted fractionally to credit each unit of analysis with its correct proportion and avoid double counting.