In contrast, transition countries continue to be relatively isolated.

Tip: Display the discipline of your interest using the upper menu.

China scored last initially but globalized its science base enormously, eventually converging to a similar level with Brazil and India.

Tip: Add (or remove) countries (or country groups) using the upper menu. Replace the EU-28 average by individual member countries of your interest.

The least globalized (period average)

Not only Russia, but also other former members of the Soviet bloc, cluster at the bottom of the worldwide ranking.

Chinese science turns out to be actually the least globalized in the whole world initially.

Tip: Replace China by other members of the Soviet bloc to see how they fare in comparison to the world average.

In advanced countries science is highly globalized across disciplines.

In fact, it is hard to find a more narrow sub-discipline that deviates significantly from of this narrow corridor.

Tip: Add sub-disciplines of your interest using the upper menu. For definition of the disciplines see a note below the figure.

Russian science did not ever break from its inward-looking Soviet past, regardless of the discipline.

The only major exception is the sub-sub-discipline of Pharmacology, Toxicology and Pharmaceutics.

Interestingly, in many disciplines this is in a sharp contrast to the relatively high share of documents published in English.

In fact, about four-fifths of documents with at least one author from Russia were written in English over this period.

China has profoundly globalized its science system; gradually moving from the lowest globalization rates to prominence at the world stage.

In some sub-disciplines, China has already surpassed the United States and steams forward to the top ranking.

If these trends persist, China will soon eliminate the gap to advanced countries in most of the sub-disciplines.

In Central (and Eastern) Europe, however, Social Sciences continue to maintain their own local publication silos.

The prime exception is Hungary, where Social Sciences used to be more oriented to the West even before the fall of the Berlin Wall.

Physical and Life Sciences have continued to be connected to the global arena.

However, Social Sciences have been locked behind the Berlin Wall; they steadily globalize, but from a low base and there is still a long way to go.

Tip: Explore other countries of the former Soviet bloc using the upper menu. Note, for instance, the development in Ukraine.