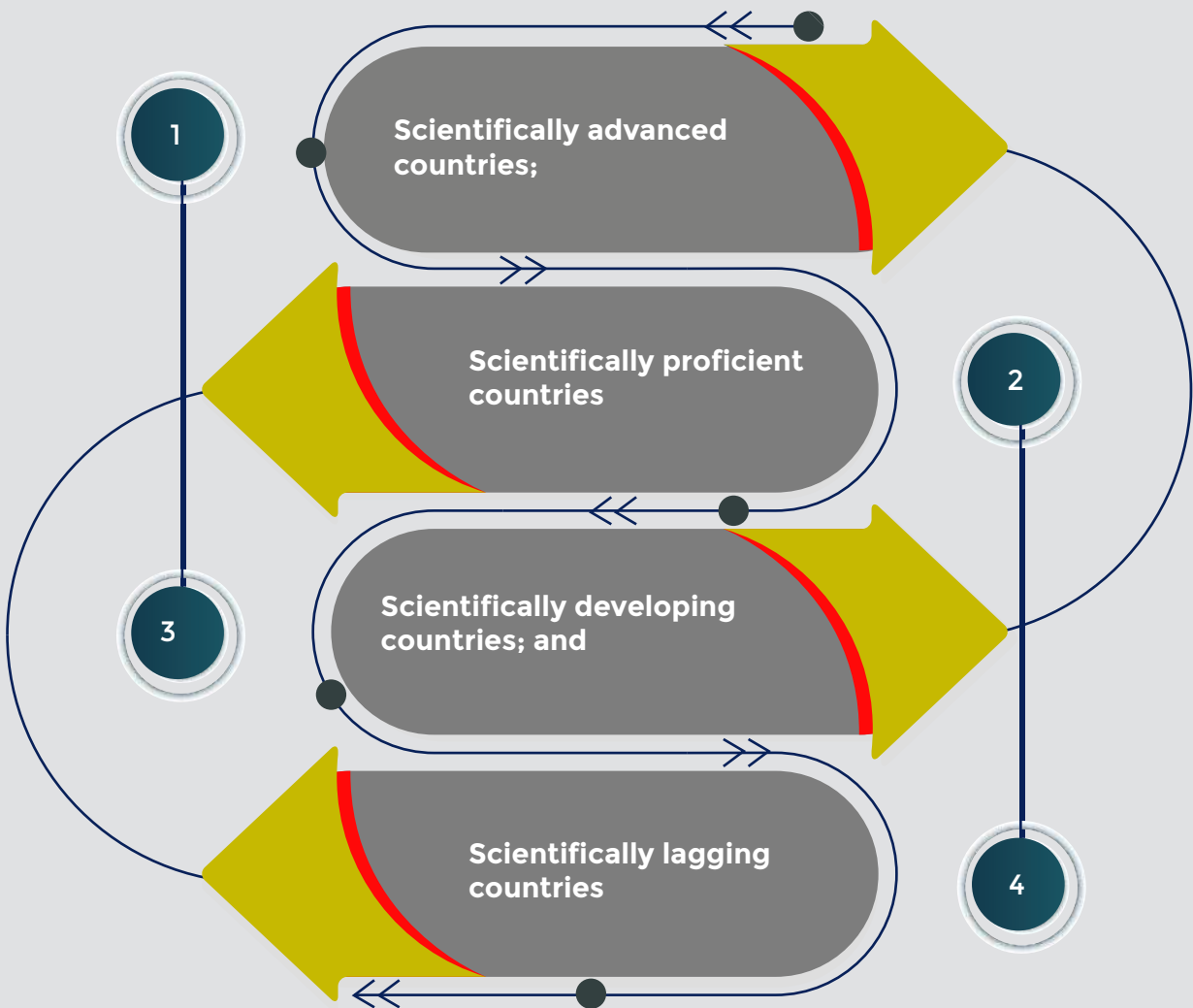


In 2001, the RAND Corporation's Science and Technology Policy Institute created an index of science and technology capacity for the World Bank. They ranked 150 countries based on their potential to innovate and work with more scientifically advanced nations.

Have these changes had an effect on African nations' scientific and technological capacity? My study replicated the RAND Index in 2011 to answer this question and suggest which African nations might be best poised to move forward technologically in coming decades.

The index ranked most countries in the world, according to their science and technology capacity, into:



Various indicators have been developed in an attempt to quantify science and technology capacity across countries. Examples of this are the OECD's Science, Technology and Industry Scoreboard or the European Innovation Scoreboard.