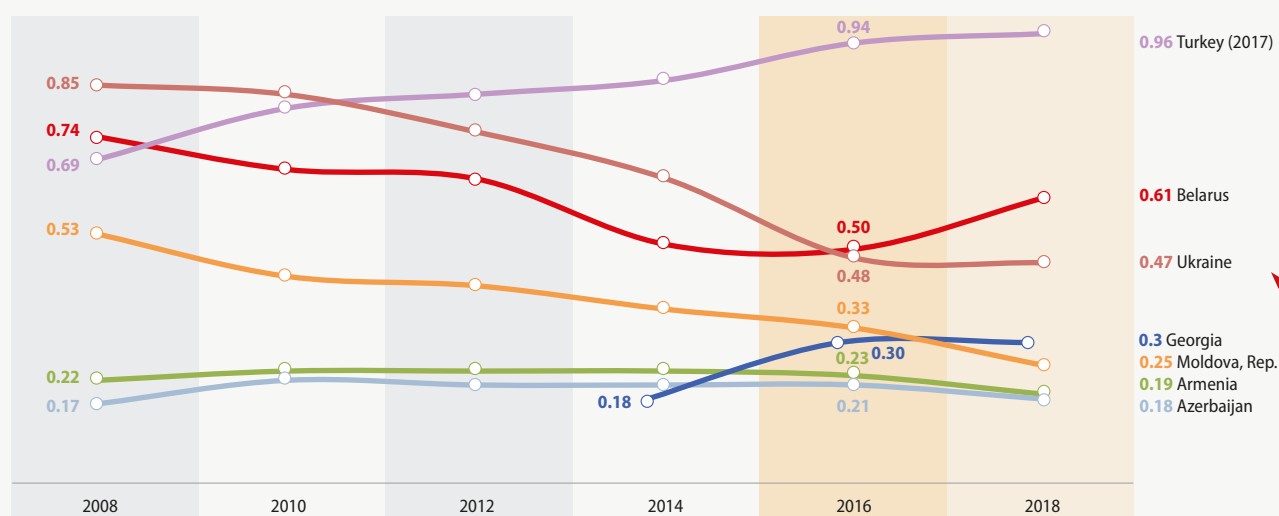




Figure 12.2: Trends in research expenditure in the Black Sea Basin

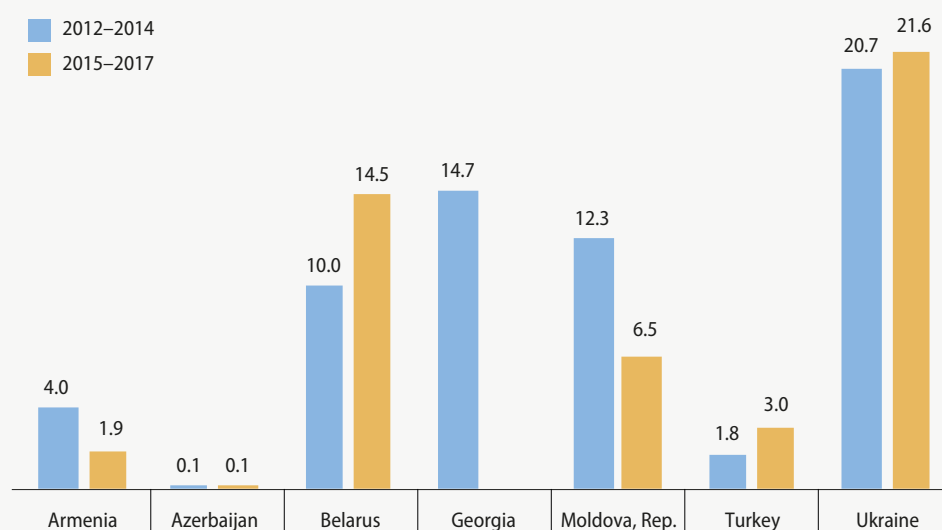
GERD/GDP ratio in countries of the Black Sea Basin, 2008–2018 (%)



Note: GERD data are partial for Armenia and there are no data for Georgia for 2006–2012. The 2013 data for Georgia cover only the higher education sector and those for 2014–2017 exclude the business and private non-profit sectors. The data for Ukraine for 2014–2017 exclude some regions.

Source: UNESCO Institute for Statistics

Foreign-funded R&D as a share of GERD in the Black Sea Basin, 2012–2014 and 2015–2017 (%)



The economic crisis of 2014–2016 sent Ukraine's research intensity to an all-time low in 2018. The share of innovative enterprises in industry has fallen by more than one-fifth.

Participation in Horizon 2020 by countries from the Black Sea Basin, 2014–2016

| | Horizon 2020 | | | | |
|---------------|------------------------|--------------------------|------------------|--|----------------|
| | Start of participation | Number of participations | Success rate (%) | European Research Council Number of proposals evaluated | Grants awarded |
| Armenia | 2016 | 91 | 13.2 | 0 | 0 |
| Georgia | 2016 | 153 | 11.1 | 18 | 0 |
| Moldova, Rep. | 2014 | 248 | 12.5 | 0 | 0 |
| Turkey | 2014 | 3 854 | 11.0 | 152 | 7 |
| Ukraine | 2015 | 939 | 8.1 | 3 | 0 |

Note: This table includes the period during which countries participated as a 'third country' prior to acquiring EU associate status. Neither Azerbaijan nor Belarus participate in Horizon 2020.

Source: Horizon 2020 in Full Swing – Three Years On – Key Facts and Figures 2014–2016; presentation by the European Commission's Directorate-General for Research and Innovation, December 2017; ERC Funded Projects online; UNESCO Institute for Statistics