

Digital challenges for Europe

The rapid development of digital technologies is posing a challenge to the European Union, spurring initiatives to catch up with the US and China in the area, notably in the context of the [digital single market](#). Among the dilemmas are how to reconcile Europe's sensitivity towards protecting private data with the need to use them in many algorithms, and ensure that automation and artificial intelligence strengthen rather than weaken labour market participation.

This note offers links to a series of some **recent commentaries and reports from major international think tanks and research institutes** on digital challenges. Many earlier papers on the issue can be found in a [previous item](#) in the series, published in July 2018. Many reports on cybersecurity are available in a [publication](#) from October 2018.

[The case for intelligent industrial policy](#)

Bruegel, October 2019

[5G: What we talk about when we talk about trust, the EU risk assessment process](#)

European Centre for International Political Economy, October 2019

[Analytical report: Preparing the armed forces for disruptive technological changes](#)

European Policy Centre, September 2019

[On-location client-determined moderately skilled platform work](#)

Centre for European Policy Studies, September 2019

[Banking, FinTech, Big Tech: Emerging challenges for financial policymakers](#)

Bruegel, September 2019

[Blockchain is the real thing](#)

Centre for European Policy Studies, September 2019

[In an era of digitalisation, the Single Market needs a software update](#)

Bruegel, September 2019

[Jobs and robots: Europe's debate over the destiny of the welfare state](#)

Bruegel, September 2019

[China's digital trade success: Two different perspectives](#)

European Centre for International Political Economy, September 2019

[The end of techno-utopianism](#)

German Marshall Fund, September 2019

[Making the Single Market work: Launching a 2022 masterplan for Europe](#)

European Policy Centre, August 2019

[Artificial Intelligence prediction and counterterrorism](#)

Chatham House, August 2019

[Machine politics: Europe and the AI revolution](#)

European Council on Foreign Relations, July 2019

[How to strengthen Europe's agenda on digital connectivity](#)

Clingendael, July 2019

[Creating a digital roadmap for a circular economy](#)

European Policy Centre, July 2019

[Europas nächste Schritte für die erfolgreiche Gestaltung der Digitalisierung](#)

Konrad Adenauer Stiftung, July 2019

[Digitalisation and European welfare states](#)

Bruegel, July 2019

[Europe's 5G wake-up call](#)

Centre for European Policy Studies, July 2019

[The impact of digitalisation on labour market inclusion of people with disabilities](#)

Centre for European Policy Studies, July 2019

[Exploring media literacy education as a tool for mitigating truth decay](#)

Rand Corporation, July 2019

[Sustainability in the age of platforms](#)

Centre for European Policy Studies, June 2019

[The EU's security union: A bill of health](#)

Centre for European Reform, June 2019

[Harnessing artificial intelligence](#)

European Council on Foreign Relations, June 2019

[Zeit für ein Update: was die Menschen in Deutschland über Digitalisierung denken](#)

Friedrich Ebert Stiftung, June 2019

[Europe and the digital arms race: Is winter coming?](#)

Centre for European Policy Studies, June 2019

[Digitalization and the future of work: Macroeconomic consequences](#)

Zentrum für Europäische Wirtschaftsforschung, June 2019

[Europe's digital future: United and determined to win](#)

Friends of Europe, June 2019

[Why all the Facebook fire? Because it is the most cynical](#)

German Marshall Fund, June 2019

[Digitalsteuer in der EU – wo stehen wir?](#)

Bertelsmann Stiftung, Jacques Delors Institute, May 2019

[The future of work? Work of the future! On how artificial intelligence, robotics and automation are transforming jobs and the economy in Europe](#)

European Political Strategy Centre, May 2019

[Europe: The global centre for excellent research](#)

Bruegel, May 2019

[Norm contestation in the digital era: Campaigning for refugee rights](#)

Chatham House, May 2019

[Do data policy restrictions impact the productivity performance of firms and industries?](#)

European University Institute, Robert Schuman Centre for Advanced Studies, April 2019

[A roadmap for a fair data economy](#)

Lisbon Council, April 2019

[Is this blog post legal \(under new EU copyright law\)?](#)

Bruegel, April 2019

[New digital threats to media pluralism in the information age](#)

European University Institute, Robert Schuman Centre for Advanced Studies, March 2019

[Security first, technology second: Putin tightens his grip on Russia's Internet, with China's help](#)

Deutsche Gesellschaft für Auswärtige Politik

[Users, data, networks: Taxing the digital economy](#)

Jacques Delors Institute, Bertelsmann Stiftung, March 2019

[Artificial Intelligence: Ethics, governance and policy challenges](#)

Centre for European Policy Studies, February 2019

[Escaping the startup trap: Can policymakers help small companies grow to major employers](#)

Progressive Policy Institute, February 2019

[5G, Huawei und die Sicherheit unserer Kommunikationsnetze](#)

Stiftung Wissenschaft und Politik, February 2019

[The European Digital Single Market: Delivering economic benefits for citizens and businesses](#)

Bruegel, January 2019

[Transformation numérique de l'industrie: L'enjeu franco-allemand](#)

Institut français des relations internationales, January 2019

[Four internets: The geopolitics of digital governance](#)

Centre for International Governance Innovation, January 2019

[Digital Europe: Next steps, a European Agenda for the Digital-9+](#)

Lisbon Council, November 2019

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ep@ep.europa.eu (contact)

www.eprs.ep.parl.union.eu (intranet)

www.europarl.europa.eu/thinktank (internet)

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