Open Source Policy
TURKEY

OSOR

1 General Information

The development of OSS within public administrations has been a recurrent objective of the Turkish government's eGovernment and digital strategies and action plans. The flagship OSS initiative of Turkish public administration is the development of Pardus, a Debian GNU/Linux-based operating system currently widely used in the Turkish public sector.

2 Actors

Policy maker

The **Digital Transformation Office** of the Presidency of the Republic of Turkey is the main entity in charge of digital transformation, including the promotion and development of open source software policies and initiatives in the country.

Strategic player

The **Scientific and Technological Research Council of Turkey** (TÜBITAK) is the governmental agency in charge of the management, funding, and conduct of scientific and technological research in Turkey.

3 Policy and Legal Framework

2016
National eGovernment Strategy (2016-2019)

The Strategy calls for the preparation of a roadmap for the use of open source within Turkey's public administration and includes the generalisation of the use of OSS for Priority Information systems in Turkish public agencies.

2019
Industry and Technology Strategy (2019-2023)

The Strategy calls for the development of an OSS ecosystem, promotes the development of OSS in cybersecurity, and recommends the use of OSS to foster the interoperability of public applications and registries.

2019
Eleventh Development Plan (2019-2023)

The Development Plan promotes the development of an OSS ecosystem in Turkey, as well as its use in public administrations, including via the launch of an 'Open Source Platform' that will allow developers to gather funding and share their solutions.

4 Open Source Software Initiatives

Pardus: This Debian GNU/Linux-based operating system was developed by the Turkish government in 2005, with the support of TÜBİTAK BİLGEM National Electronics and Cryptology Research Institute (UEKAE). The project aims at fostering the dissemination of OSS within the Turkish public sector by making available a government-built and approved operating system.

Turkey Open Source Platform: Launched in the framework of the 2020 Annual Programme of the Turkish Presidency, the Open Source Platform aims at developing an open source ecosystem in Turkey. About 100 public or private organisations participate to the platform, in order to develop the use and of OSS in Turkey, as well as the development of the country's OSS industry.

Octopus: This Pardus-compatible cyber security software was developed by the Turkish Academic Network and Information Centre (ULAKBIM). Octopus is composed of several cybersecurity open source components such as a cyber event management system, a network access control system and a cyber-attack early warning system.

Liderahenk: Liderahenk is a Pardus-compatible software system that enables central management, monitoring and control of systems and users on the corporate network. The software includes an encrypted channel to secure internal communication.

Updated in November 2021