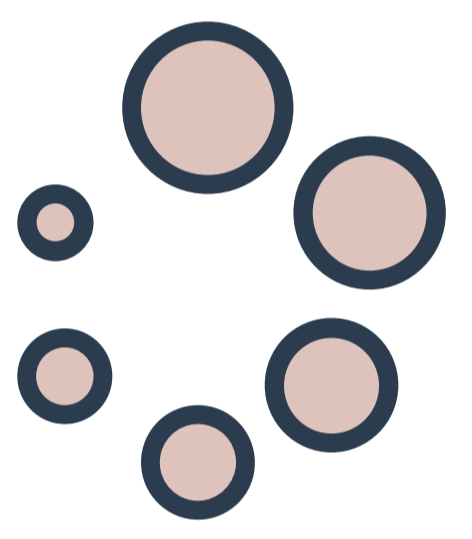# Achieving Open Science through OpenAIRE

Gültekin Gürdal, IZTECH, Turkey
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OSFair 2019, Porto (Portugal)

As a result of strong collaborations with major stakeholders, some of the great achievements towards Open Science are the establishment of the National Harvesting System, DergiPark OA journal hosting platform, National Open Science Committee under TÜBITAK, enacting OA to theses by the Parliament, the commitment of TÜBITAK with its Open Science Policy, and the release of the first Open Science Policy by a university, IZTECH .

~ 2014   ~ 2018   ~ present

Open Science

2013-Oct- First mandatory Open Access Policy released by IZTECH
2014-Jan- DergiPark, OA journal hosting service established by TÜBITAK
2014-Feb- OA Policy template was prepared for CoHE to be sent to the HEIs
2014-Sep- The Driver Guide 2.0 translated into Turkish

2015-Jul- National Open Science Committee established under TÜBITAK
2016-Oct- TÜBITAK National Harvesting System: Turkey Academic Archive

2018-Mar- OA to Theses and Diss. in Turkey enacted by the Parliament
2018-Sep- First Open Science Summit co-organised by the NOAD
2018-Nov- CoHE established the Open Science Committee
2019-Mar- IZTECH Open Science Policy released
2019-Mar- TÜBITAK Open Science Policy launched

OpenAIRE Plus   OpenAIRE 2020   OpenAIRE Advance

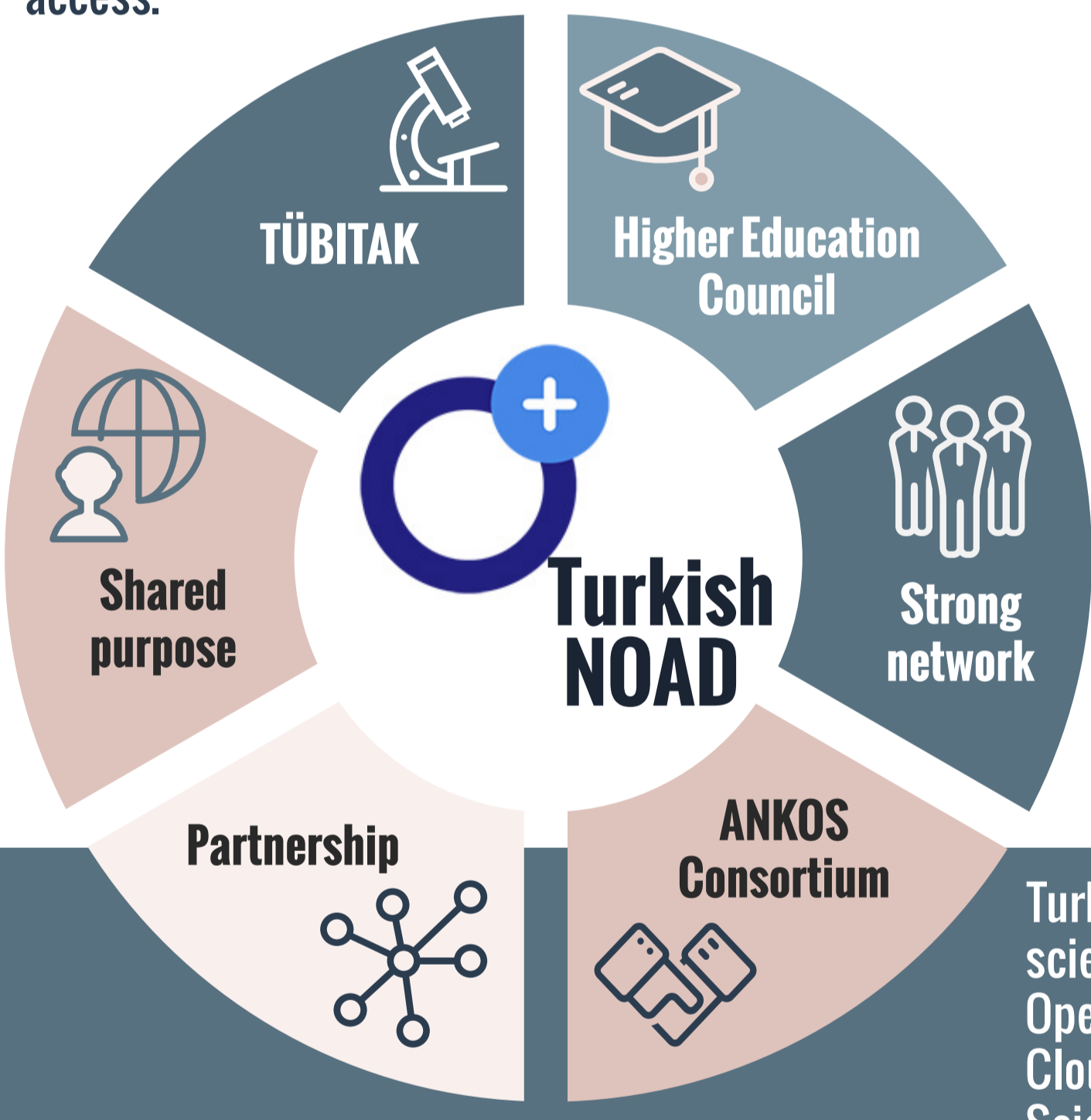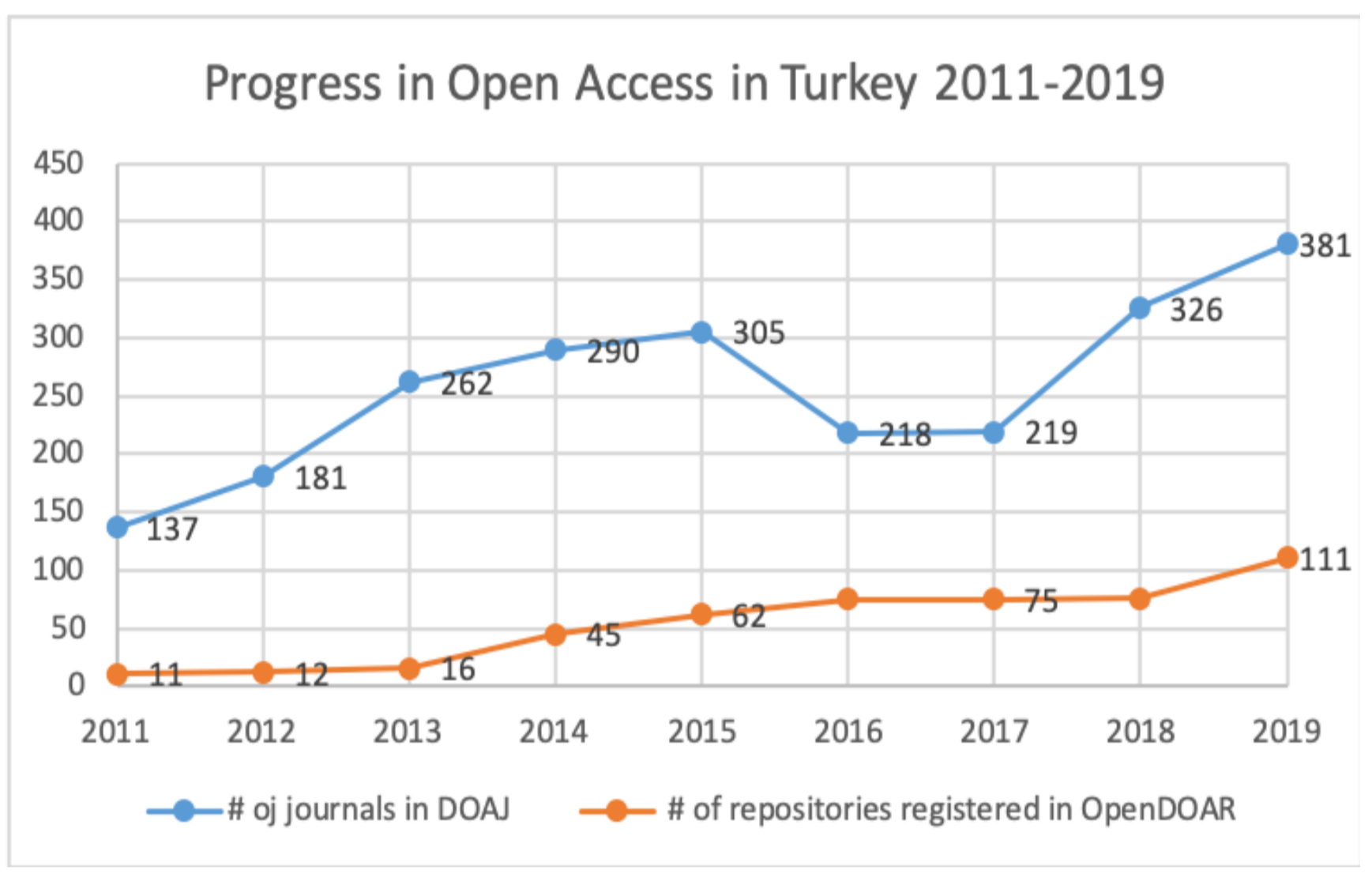## The story of Open Science in Turkey

OpenAIRE is helping to build the future of open science. OpenAIRE has strengthened the Turkish community in achieving its goals in open access and open science through its recommendations, knowledge sharing, good practices, and training activities within a well-connected network. This poster provides you with a series of developments in which Turkish NOAD (National Open Access Desk) has actively contributed to Open Access and Open Science in Turkey since 2011 as a result of participation in OpenAIRE projects.

IZTECH (Izmir Institute of Technology) first participated in OpenAIREPlus project in 2011. Since then, the project has been extended for an additional two terms under the names of OpenAIRE 2020 and OpenAIRE Advance, and IZTECH has continued to be part of it to this day.

Turkey has one of the largest higher education landscapes in Europe with 206 universities. 129 of them are financed publicly, and the rest are non-profit, foundation universities. Higher education institutions (HEIs) aim for the research excellence, therefore it is important to be aligned with Europe and beyond in the Open Science movement. OpenAIRE NOAD in Turkey channels and localise the expertise and the knowledge within the OpenAIRE network to support Turkish HEIs to achieve this goal.

Open Access and Open Science practices have gained tremendous momentum in the country since 2011.

The graphic on the right shows ascending number of repositories and the number of journals indexed in DOAJ between 2011 and August, 2019. Particularly in the first phase of OpenAIRE up to 2015, advocacy campaigns, translation of guides and IZTECH's leading role in policy development and collaboration with the CoHE (Council of Higher Education) have been impactful in terms achieving open access.

Progress in Open Access in Turkey 2011-2019

oj journals in DOAJ: 137, 181, 262, 290, 305, 218, 219, 326, 381
of repositories registered in OpenDOAR: 11, 12, 16, 45, 62, 75, 111

Turkish NOAD has been collaborating very closely with major stakeholders in HEIs such as CoHE, TÜBITAK-ULAKBIM (The Scientific and Technological Research Council of Turkey - Turkish Academic Network and Information Center) and ANKOS (Anatolian University Libraries Consortium) since the beginning.

Currently TÜBITAK-ULAKBIM's DergiPark journal hosting platform is one of the biggest OpenAIRE data providers with 2,008 journals by August 2019.

By August 2019, 47 institutional repositories from Turkey are compliant with OpenAIRE and more are working on the validation of their platforms with the help of NOAD.

Turkish NOAD is now looking ahead to implement open science in the country, moving from policy to action. OpenAIRE Advance together with European Open Science Cloud (EOSC) will accelerate this shift. The upcoming Open Science Conference in November 2019 organised by Turkish NOAD will gather stakeholders, subject experts, researchers and librarians to create a roadmap, form a task force and an implementation plan to set the science free.

TÜBITAK — Higher Education Council — Strong network — ANKOS Consortium — Partnership — Shared purpose — **Turkish NOAD**

EVENTS

98 events
52 presentations
7 national workshops
6 webinars

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