

# Horizon 2020 Policy Support Facility



## Specific Support to Malta Outline of the Background Report

Kick-off Meeting

Elma Dujso

Technopolis Group

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# A brief background into...

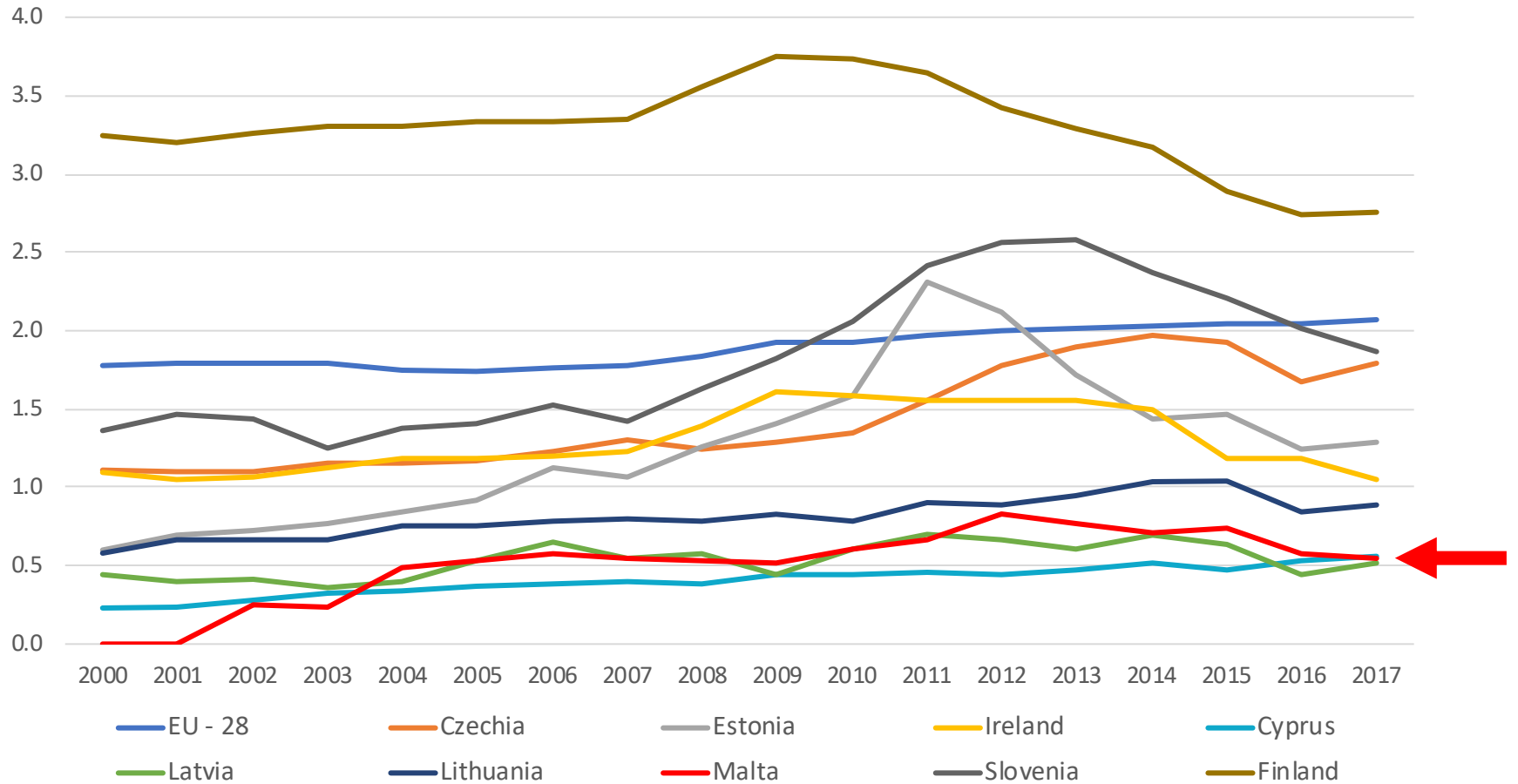
- The Maltese Research Landscape
- Open Access in Malta



# The Maltese Research landscape



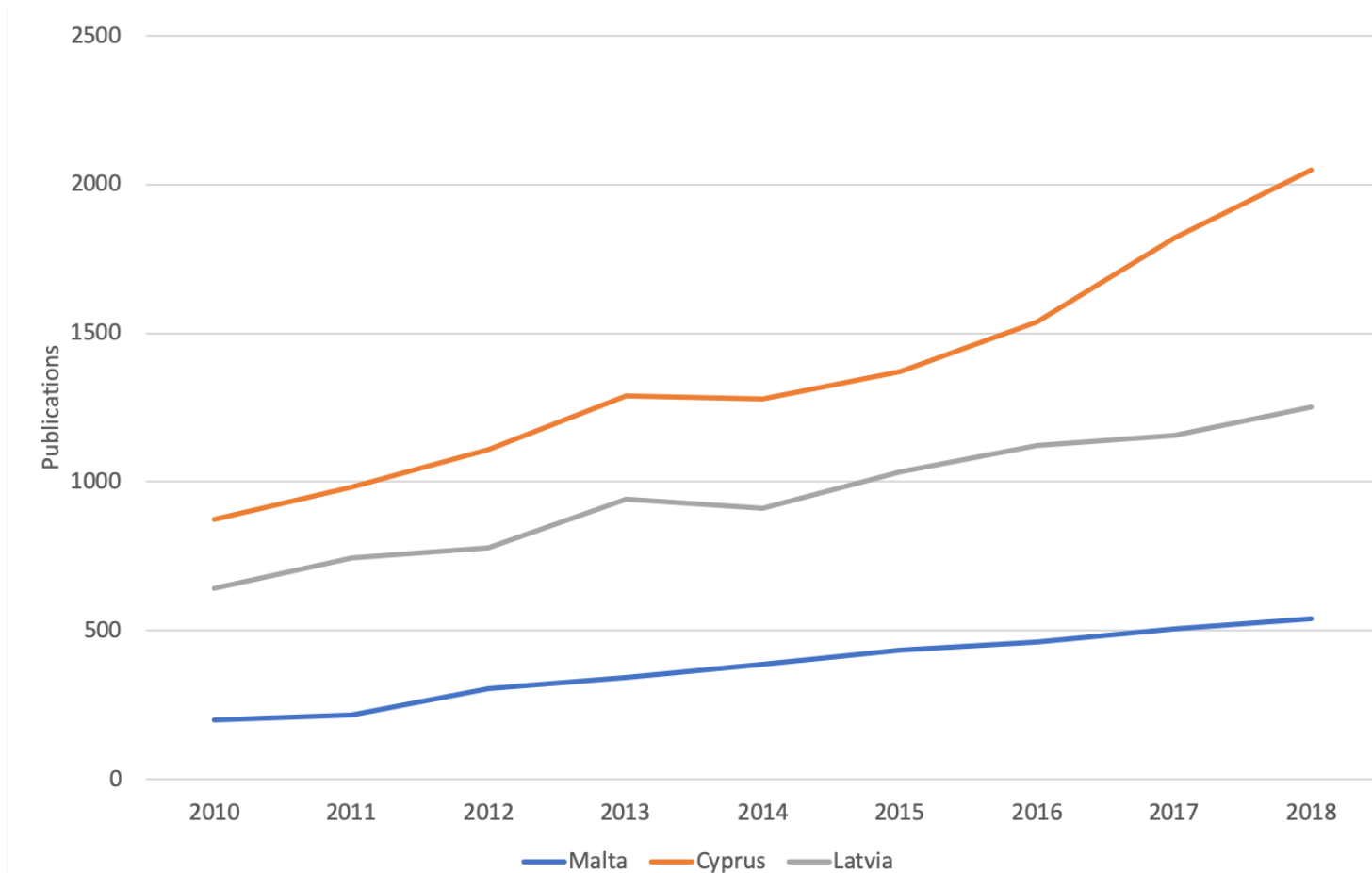
## Gross spending on R&D (%GDP) in comparison with other countries



Source: Eurostat



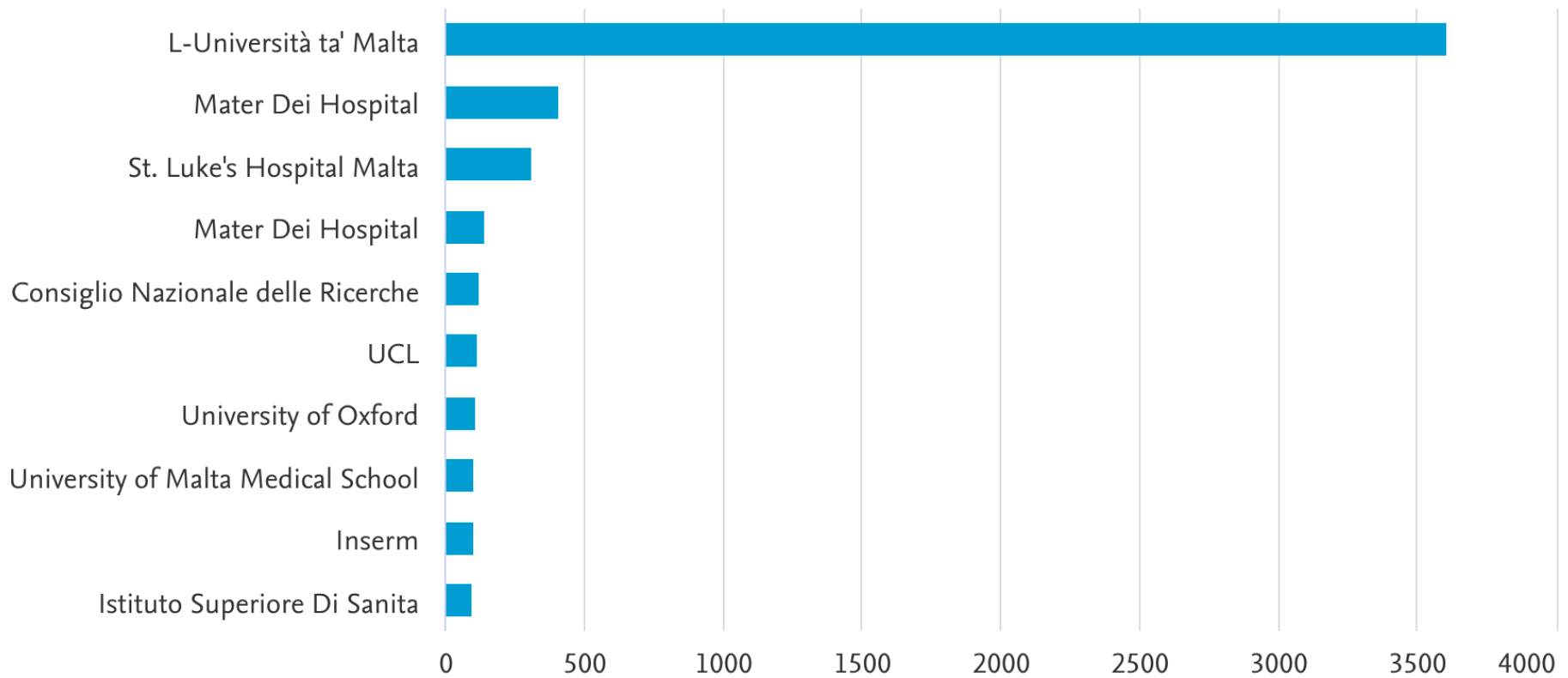
# Number of publications of articles: despite similar % spending on R&D, Cyprus publishes more articles than Malta and Latvia



Source: Technopolis analysis of Scopus



## Majority of publications (articles) originate from the UoM

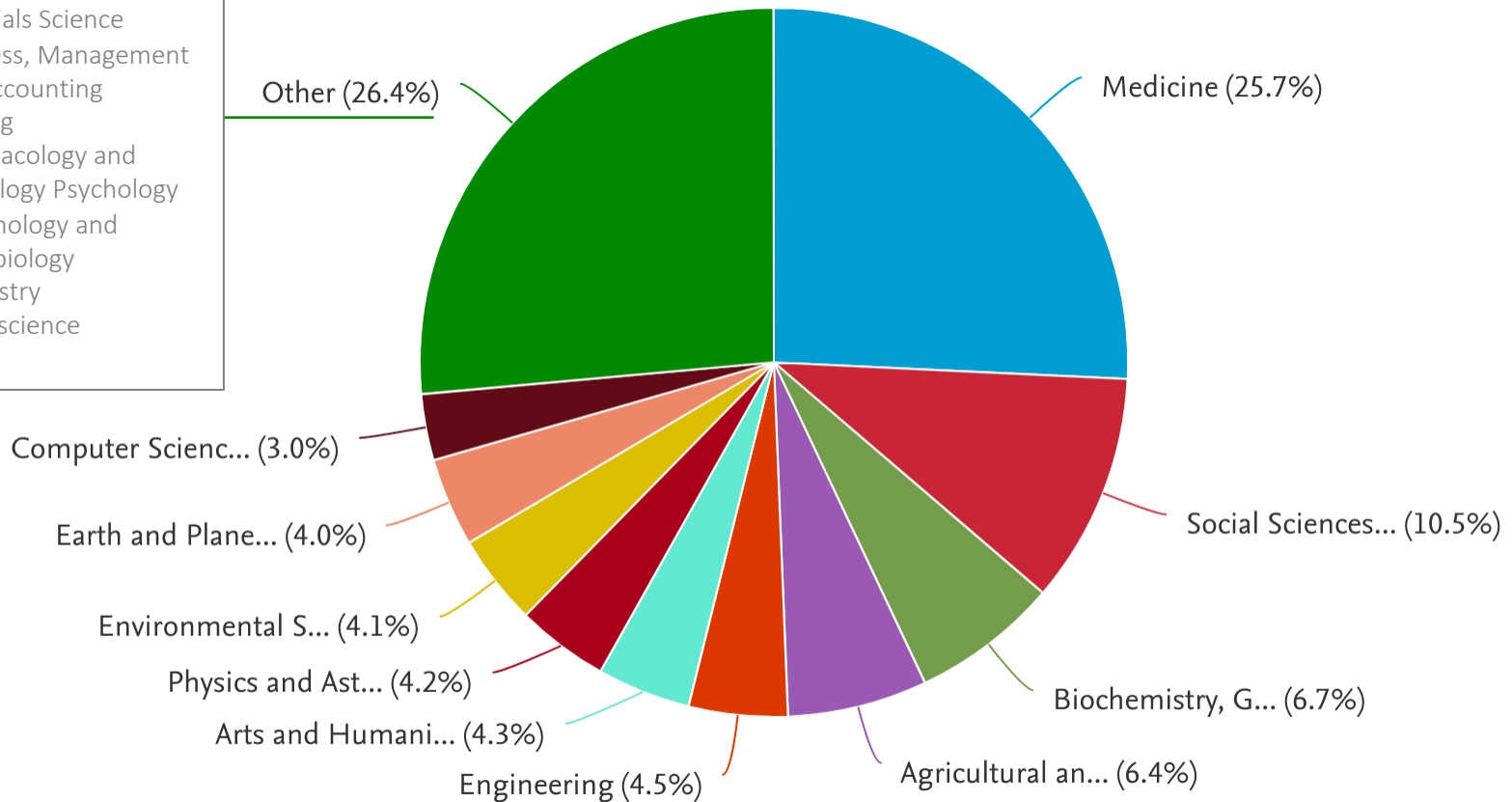


Source: Scopus



# Maltese authors publish mainly in the area of medicine

- Mathematics
- Materials Science
- Business, Management and Accounting
- Nursing
- Pharmacology and Toxicology Psychology
- Immunology and Microbiology
- Chemistry
- Neuroscience



Source: Scopus



## Higher Education in Malta

- There is one public university in Malta: the **University of Malta**
- There are 4 **private** (foreign) **universities**: American University of Malta, Barts and the London School of Medicine and Dentistry, European Graduate School, Middlesex University Malta
- The Malta College of Arts, Science and Technology (**MCAST**), primarily a vocational education and training institution, has become increasingly involved in research projects over the last years
- UoM is the most prominent research performer in the higher education sector; the **only university** offering Maltese doctoral & post-doctoral research positions
- UoM has 14 faculties, 8 institutes, 13 centers and 3 schools
- UoM hosts ca. 11,500 students with ca. 1,000 international students and 450 visiting overseas students; around 3,500 students graduate annually
- There is **1 public research organisation**: Malta Aquaculture Research Centre





# Open Access in Malta



## Open Access in Malta in a glance...

- Malta signed 2016 **May Conclusions of the Competitiveness Council on OA**
- Malta has an active (largely **green**) **open access policy** since 2016
- **MCST** is an important actor in OA landscape
- Malta has not implemented a funder Open Access/Open Science policy yet
- UoM is the only **publicly financed** university with research activities
- UoM launched an **Open Access policy in 2017** to mandate submissions onto OAR@UoM (**Green OA**) while supporting OA publishing (**Gold OA**)
- The UM Library established an **Open Science Department** in 2017 promoting OS and supports processing and uploading the research output on OAR@UM
- **OAR@UoM** is the first & **only** institutional repository and therefore also serves as **national repository**, for both books and articles; launched in 2014



# Open Access in Malta in a glance...

- The UM library is member of **OpenAIRE, Liber**, but not of ICOLC which implies that there is no consortium in Malta
- The UM library functions as **National Contact Point**. It acts as the national point of reference for OA within the EU
- UoM is participating in **pan-European projects** such as OpenAIRE2020 and PASTEUR4OA
- There is also the **National Archive & National Public Libraries Department** in Malta
- There is **no inclusive data strategy & no research council** in Malta
- The University of Malta is participating in **34% of Horizon2020 projects** and therefore indicates a **very high level of participation in terms of scientific and innovation output**



# OAR@UoM

- UoM's **institutional repository**: an online archive that collects, preserves and disseminates a variety of scholarly material produced by UoM's researchers
- OAR@UoM **aims** to increase the visibility of research carried out at the UoM
- **Research material**: monographs, books, scholarly journal articles (both preprints and postprints) undergoing peer review, electronic theses, dissertations, conference proceedings, audio visuals
- **National intellectual output and cultural heritage** is also accepted for submission into OAR@UoM
- The material uploaded on OAR@UoM will be available in **Open Access**
- Who can deposit: **academics**, support **staff** and **students**
- At the end of August 2016, there were a total of **9,885 items available** on OAR@UoM:
  - >2,000 articles
  - 1,500 recordings
  - 165 books
  - >3,100 undergraduate dissertations
  - ~1,700 postgraduate dissertations
  - **Over 8,000 different authors** deposited items with **over 16,000 different subject** classifications

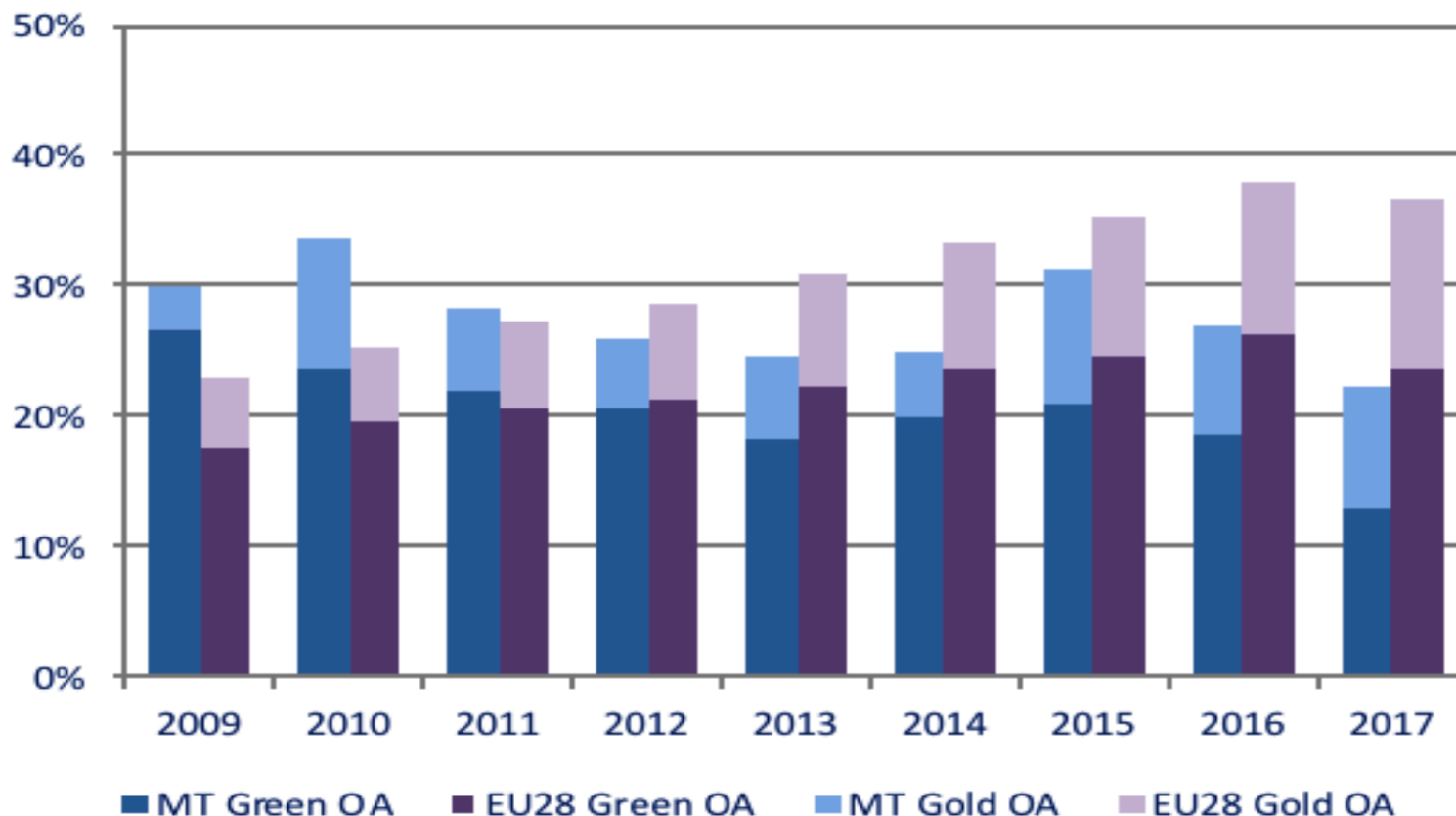


## UoM Open Access policy

- The **aim** is to support UM researchers in providing Open Access to their peer-reviewed research publications through their deposit in OAR@UoM
- UoM researchers are encouraged to deposit **all research produced** in OAR@UM
- Researchers are encouraged to deposit a **copy of all peer-reviewed research publications** as soon as possible upon publication
- Researchers are **free to publish in journals of their own choice**
- In all cases, the necessary **metadata** of all peer-reviewed research publications is to be made immediately **openly accessible** at the moment of deposit
- The researcher as author is the **copyright owner** of the research output



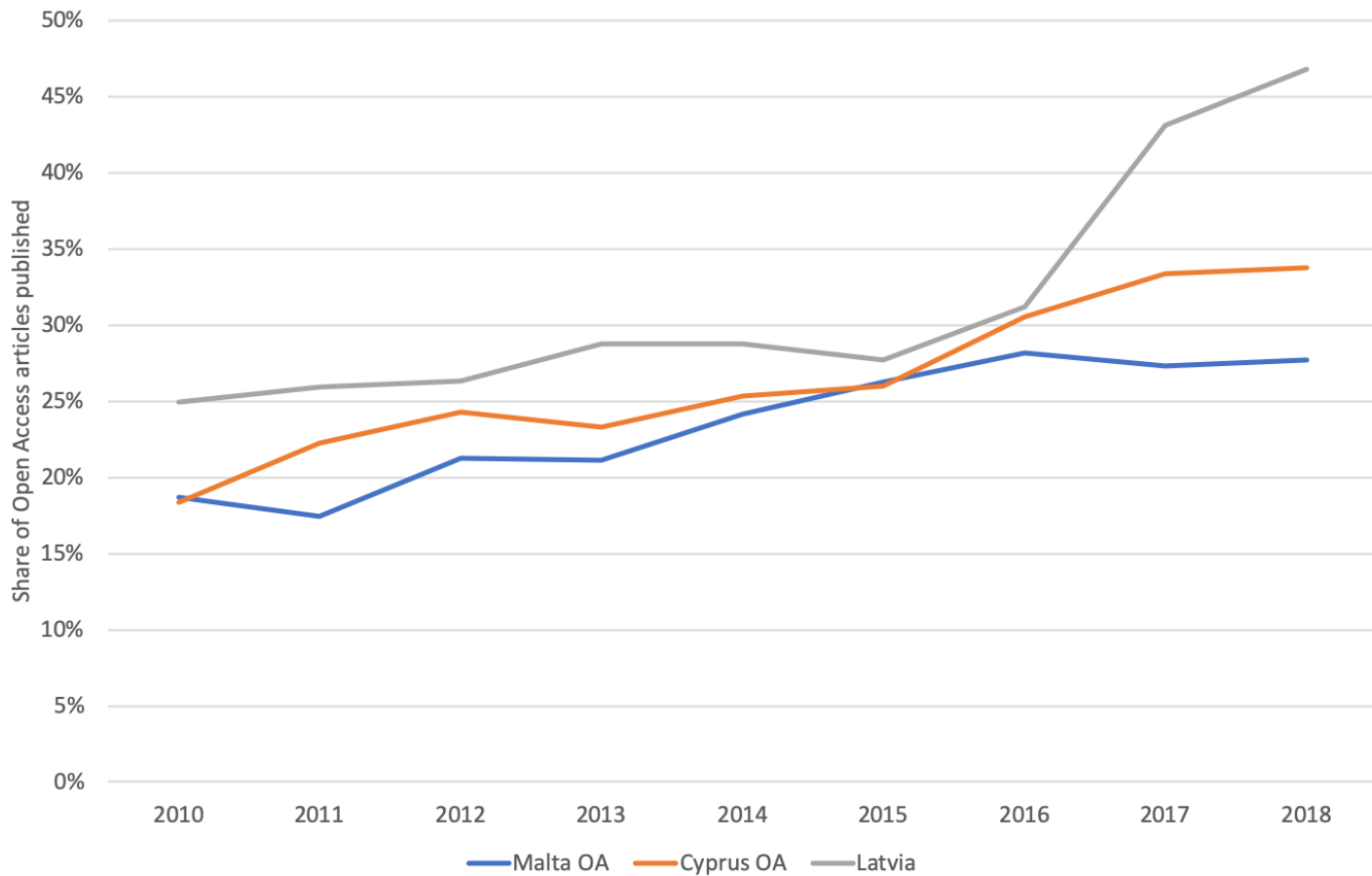
## Open Access publications and outputs (2009-2017)



Source: Peer Review of the Maltese R&I System Background Report 2018 & CWTS 2018



# Number of Open Access publications articles: Malta, Cyprus and Latvia compared



Source: Technopolis analysis of Scopus data



# The structure of the Background report

## 1. The Maltese Research Landscape

- Spending on R&D over the years
- Structure, history and financing model
- The size of the Maltese research system
- Structure of the R&I governance
- International comparison
- Autonomy of universities
- Quality protocol for research
- Number of researchers
- Number of research institutions

## 2. Governance and R&I Policy

- The main research players
- Spending of R&D and publications with all categories of publications

## 3. Open Access in Malta

- Research evaluation: assessed on impact factor or scientific integrity?
- Infrastructure of national/institutional repository
- Publication culture
- Who of the players have policy on OA?
- What is the public policy on OA?
- Main players for OA in the governance system
- Number of publications & disciplines
- Readiness to embrace OA
- Legal background
- Governance of the system
- Existing efforts
- Relevant H2020 projects
- Awareness of OA amongst researchers





Thank you! Suggestions?

