



POLITÉCNICA

# How has Covid changed our world. New opportunities for the future? A case study for UPM libraries

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REYES ALBO, LIBRARY DIRECTOR

UNIVERSIDAD POLITÉCNICA DE MADRID (SPAIN)

ERASMUS STAFF TRAINING WEEK @ ULIÈGE LIBRARY (BELGIUM)

30.05.2022 | 3.06.2022

# Location and environment

47 million (population in Spain, 2022)

- + than 6 million live in the region of Madrid

75 universities with 1,6 million students

- 15 universities with a total of 250.000 students are located in Madrid

UPM is the only exclusively technical University in Madrid and the largest and oldest technical one in Spain



# General information

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Founded in 1971 (but earliest origin 1777)

16 Schools and Faculties

- Budget 409,3 (mill€)
- Public funding 263,3 (mill€)

Human Resources:

2.900 professors

1.700 University staff

- 300 Library staff

Total library users: 44.200



# Students & professors

2.900 Professors

39.500 Students (29.200 undergrad + 10.300 posgrad)





# Programmes

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- 55 accredited **bachelor degree** programmes
- 95 accredited **master degree** programmes
- 18 accredited **combined** bachelor and master degree **programmes**
- 44 accredited PhD programmes
- 238 UPM academic programmes (executive master, expert specialization and lifelong training programmes)
- 96 **double degree** programme agreements with international universities
- **2.500 agreements** with international universities
- **International exchanges** by over 1.800 UPM **students** every year
- 19 **cooperation for development** groups
- 41 internationally accredited degree programmes

# Students and associations

- 17 sports clubs
- A total of 160 student associations



# Research

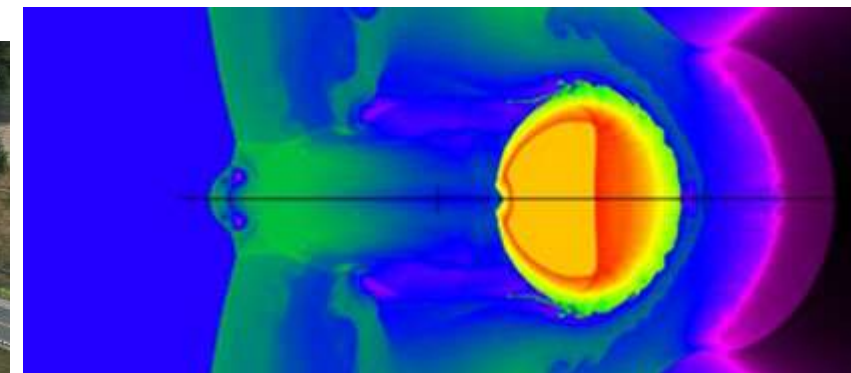
- 202 research groups
- Funding of over 39 million euros from regional, national and international projects
- Funding totalling 300 million € from projects with industry from 2008 to 2020
- 75 university-industry partnerships
- Over 292 **actúaUPM-supported start-ups** since 2004
- 293 H2020 project **awards** to date
  
- UPM is a core partner of the **EIT Digital, Health, Raw Materials and Climate Knowledge and Innovation Communities**



# Research Institutes

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- **Solar Energy** Institute
- Institute of **Nuclear Fusion**
- Institute of **Automobile** Research
- Ignacio da Riva **Microgravity** Institute
- Institute of **Optoelectronic** Systems and Microtechnology





# UPM and SDGs

2030 Agenda . UN (2015)

UPM places the Sustainable Development Goals (17) at the heart of its key fields of action

1. Research
2. Academic works













# Our libraries











# Facts and figures

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Human resources 300

16 Branch libraries

4.700 seats

800 laptops for borrowing

1.000.000 printed books

200.000 e-books

200 data bases

67.000 subscribed journals

Borrowing transactions: 52.000/year (includes laptops)

ILL: 777 (from other libraries)

ILL: 400 (to other institutions)

Budget for the collection (print&electr)

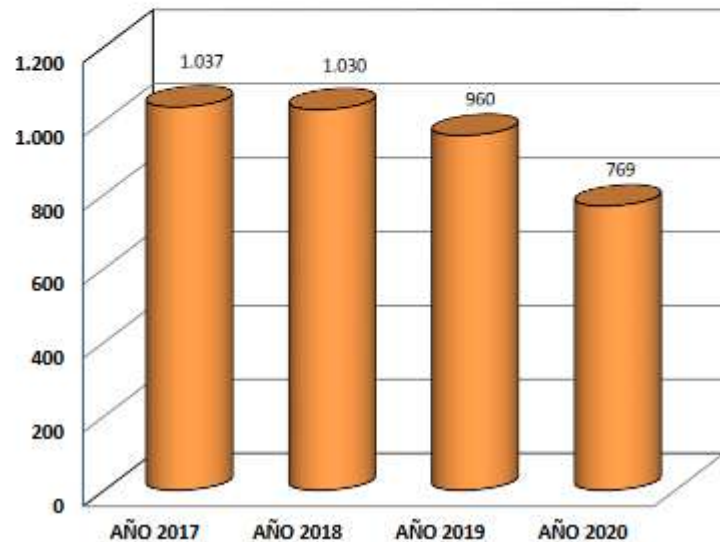
- 2.500.000€
- Ratio stud/seats 8,2 (2021)

# Interlibrary loan requesting

# providing

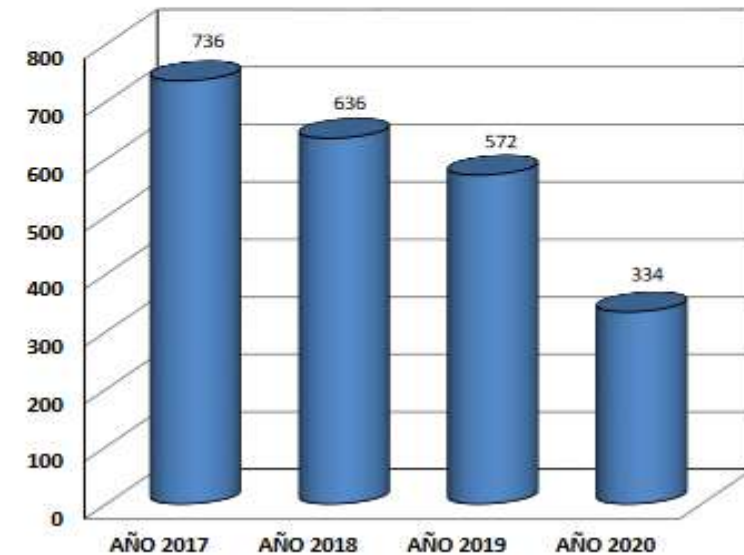
LA BIBLIOTECA COMO CENTRO SOLICITANTE

SOLICITUDES POSITIVAS PEDIDAS			
AÑO 2017	AÑO 2018	AÑO 2019	AÑO 2020
1.037	1.030	960	769



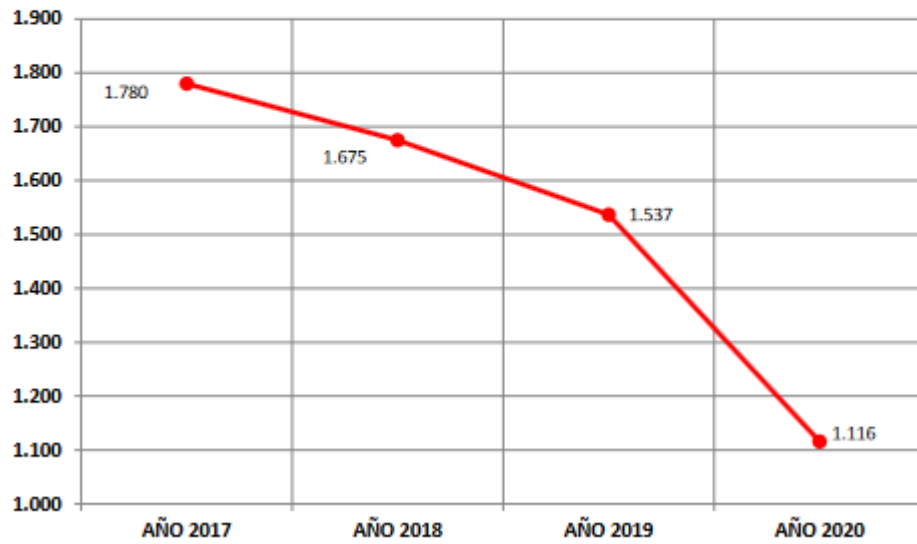
LA BIBLIOTECA COMO CENTRO PROVEEDOR

SOLICITUDES POSITIVAS SERVIDAS			
AÑO 2017	AÑO 2018	AÑO 2019	AÑO 2020
736	636	572	334



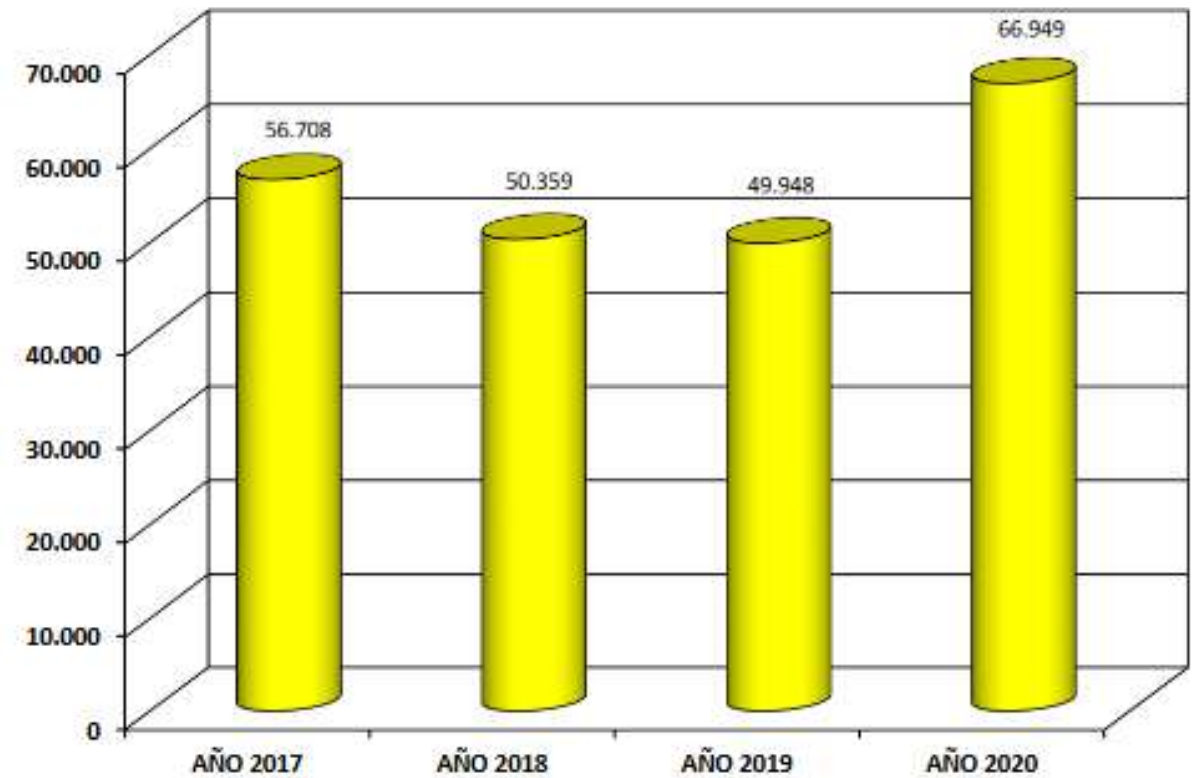
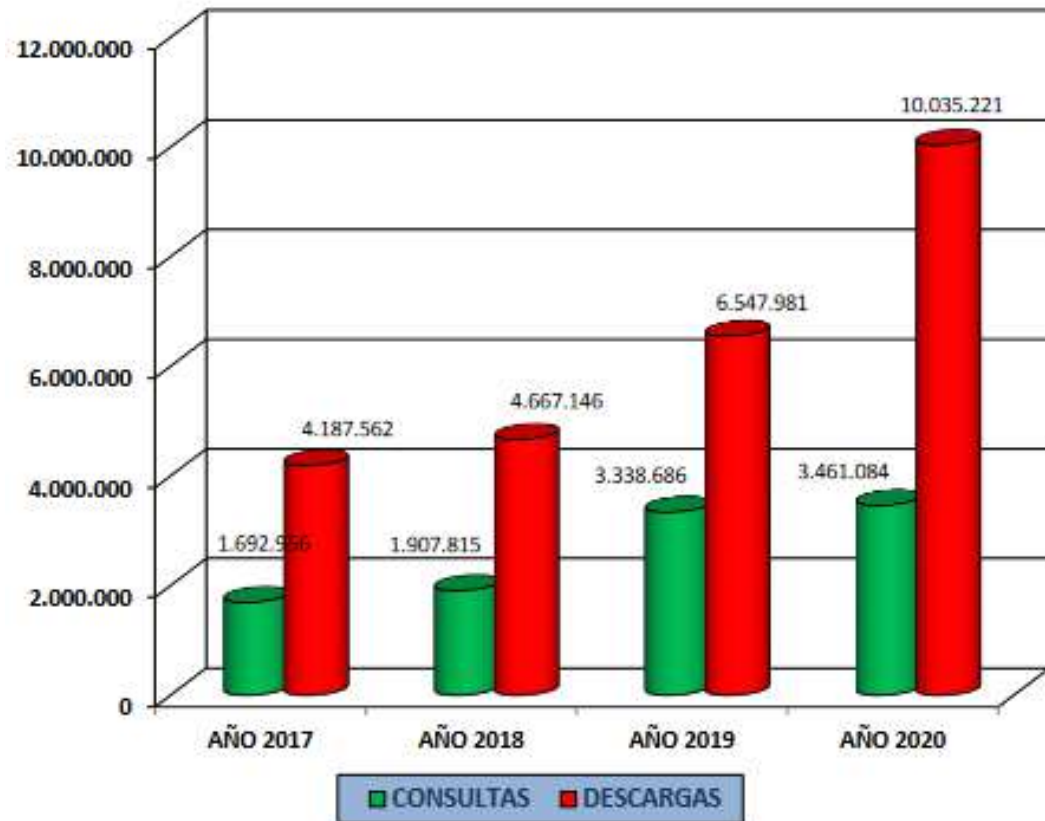
# Interlibrary loan trends

AÑO 2017	AÑO 2018	AÑO 2019	AÑO 2020
1.780	1.675	1.537	1.116



# Electronic resources downloads

# e-journal subscr











# How covid-19 has changed our daily life and its impact on libraries









BE HEALTHY, BE CLEAN			
CLEAN & DISINFECT			
SOCIAL DISTANCE			
PICK-UP & DELIVERY			



# Digitization in Organizations has changed our lives

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## New scenarios

Looking for **Jobs**

New ways of **communication**

New ways of **working** (home office)

New ways of **buying**

New ways of **travelling**

New ways of **medicine** (E-health)

New ways of **searching**

New ways of **learning**

New ways of **enjoying**

# Before covid-19 we had already walked a long trip

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Even if we didn't realize





# Starting from simple needs

No paper



## Trabajar desde casa

El Vicerrectorado de Estrategia y Transformación Digital pone a disposición de la comunidad universitaria los siguientes recursos y utilidades para el trabajo desde casa.



PDI

[Ver recursos](#)



Estudiantes

[Ver recursos](#)



PAS

[Ver recursos](#)





# New accesses



# New devices

In and out

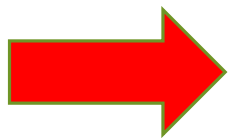
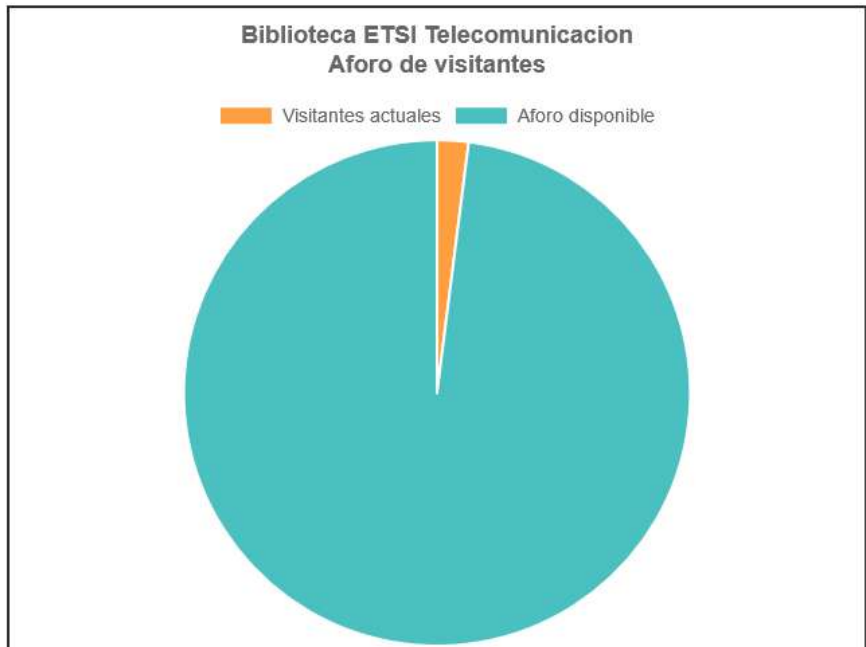


# New digital UPM userID (mobile)

<https://upm.accede.cloud/status>

Where you can register your self and we register the library capacity in real time





**Puestos de lectura** + Reservar puesto

- Solo fines de semana y festivos en las bibliotecas de Horario Ampliado y Biblioteca Abierta

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No hay próximas reservas.

**Salas** + Reservar sala

No tienes salas reservadas.





## Back end



[Inicio](#) [Reserva de salas ▾](#) [Salas de lectura ▾](#) [Ubicaciones ▾](#)

[Panel de control](#)

## Bienvenido al panel de administración de Accede

Use el menú superior para configurar la aplicación.

[Puestos de lectura](#)

[Salas](#)

[Control de aforo](#)

### Sala de lectura

Sala de lectura

Número de visitantes actuales (sin reserva): 16/400

[Añadir visita manual](#)

[Quitar visita manual](#)

[Crear reserva manual](#)

### Sala de lectura

Nombre	Puesto de lectura	Estado	Fecha de inicio	Fecha final
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No hay reservas en este momento.

[Crear reserva manual](#)





24 hours







CO2 measurer

Humidity

Temperature



# Sharing resources (consortium)



Madroño  
Consorcio

Reunimos recursos, ofrecemos servicios

Consorcio Madroño



[Universidad de Alcalá](#)



[Universidad Autónoma de Madrid](#)



[Universidad Carlos III de Madrid](#)



[Universidad Nacional de Educación a Distancia](#)



[Universidad Politécnica de Madrid](#)

UNIVERSIDAD  
POLITÉCNICA  
DE MADRID



Universidad  
Rey Juan Carlos

[Universidad Rey Juan Carlos](#)

## PRÉSTAMO INTERBIBLIOTECARIO

El servicio de la Maleta Viajera está integrado dentro del Préstamo Interbibliotecario de cada institución. Consiste en usar una empresa de mensajería para el traslado de los volúmenes o fotocopias de documentos de una institución a otra. Un servicio de Mensajería diario distribuye la documentación entre las instituciones incluidas en el servicio.

## PASAPORTE MADROÑO

El pasaporte madroño es un carne que permite al personal docente, investigadores, alumnos de posgrado, becarios de investigación con carga docente y PAS de las universidades que conforman el Consorcio Madroño obtener libros en préstamo de cualquiera de las bibliotecas de otras universidades de dicho consorcio.

# University Library Network

Sharing and building



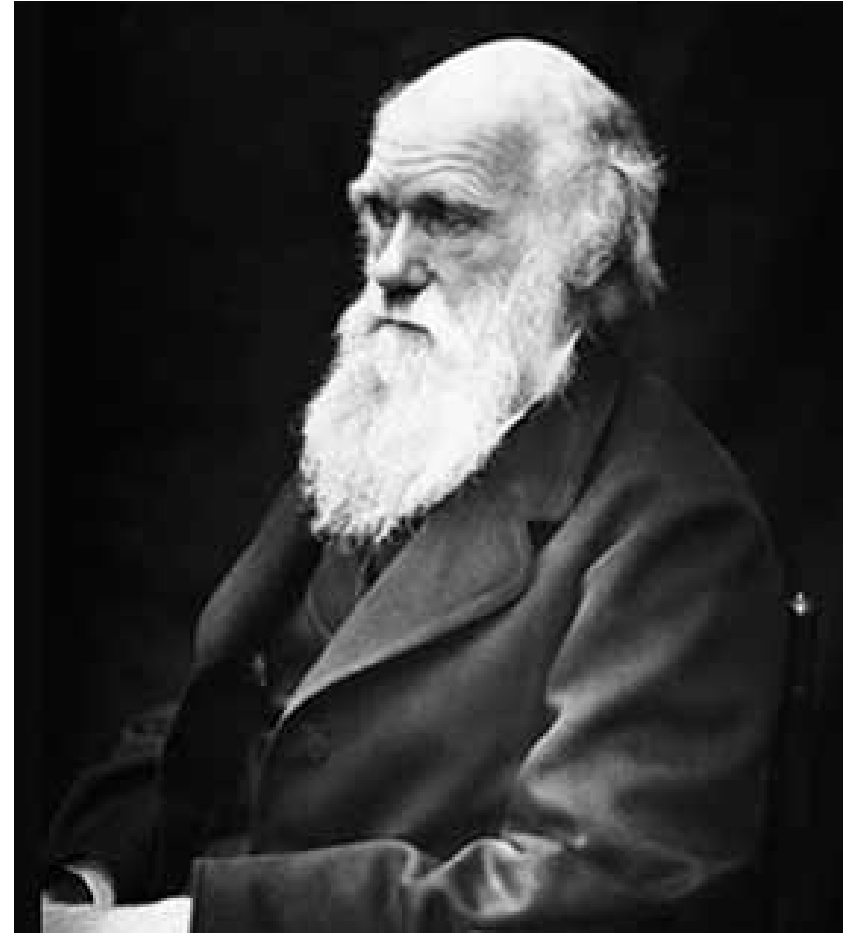
# What should the library of the future be?

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## **The One Most Adaptable to Change is the One that Survives**

Charles Darwin

It is not the most intellectual of the species that survives; it is not the strongest that survives; but the species that survives is the one that is able best to adapt and adjust to the changing environment in which it finds itself.



# What is the library of the future?

“Something”  
moving





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# Thank you!

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