

EDUCAMADRID

THE FREE AND EDUCATIONAL TECHNOLOGY PLATFORM OF MADRID

ADOLFO SANZ DE DIEGO

INTRODUCTION

ADOLFO SANZ DE DIEGO

- Head of **EducaMadrid**.
- Department of **Educative Platforms** in Madrid.

WHY?

- **Communication** between teachers and students.
 - **Digital competence.**
 - **Not only for online classes.**

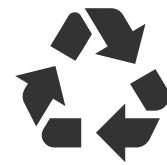
HOW?



Safe.



Free.



Sustainable.

WHAT?

The screenshot displays the EducaMadrid website interface. At the top left is the logo with the text "EducaMadrid". To the right of the logo are navigation links: "SERVICIOS", "VALORES", "AVISOS", and "AYUDA", along with social media icons for Twitter and YouTube. The main content area is a grid of 12 service tiles, each with an icon, a title, and a brief description.

Icon	Service Name	Description
	Webs y usuarios	Gestión de usuarios, webs de centros, espacios colaborativos...
	Aulas Virtuales	Recursos, actividades, exámenes, cuaderno del profesor...
	Mediateca	Videos, audios, imágenes, diseños 3D, rutas...
	Cloud	Almacenamiento de archivos, edición colaborativa...
	Correo	Correo electrónico para docentes y alumnado.
	Encuestas	Creación de formularios para recogida de datos.
	Generador de Boletines	Generador de boletines (newsletters) en formato HTML.
	MAX	Sistema operativo centrado en la comunidad educativa.
	Comparti2	Comparte archivos pesados sin comprometer tu privacidad.
	Portal CAU	Informa de problemas detectados y envía sugerencias de mejora.
	Documentación	Información exhaustiva para aprender a manejar la Plataforma.
	Repositorio	Cursos y módulos completos de diferentes niveles educativos.

<https://www.educa2.madrid.org/educamadrid/>

ENVIRONMENT



- Complies with **General Data Protection Regulation**.
- Encourages face-to-face and e-learning **supervised by teachers**.
 - Does not generate any **digital footprint** to its users.



- It is hosted in our own servers located in Madrid.
- It respects the authorship of the contents generated by its users.
 - It uses Free Software that grants **technological freedom**.



- It brings **wealth to our environment** by hiring local companies.
 - Facilitates **mobility and collaboration** among its users.
 - Promotes the development of digital competencies **without generating captive users** of proprietary software.

SERVICES



USER MANAGEMENT

- 1.5 million accounts.
- 1 OpenLDAP main server and 5 secondary servers.
- User Management Documentation.

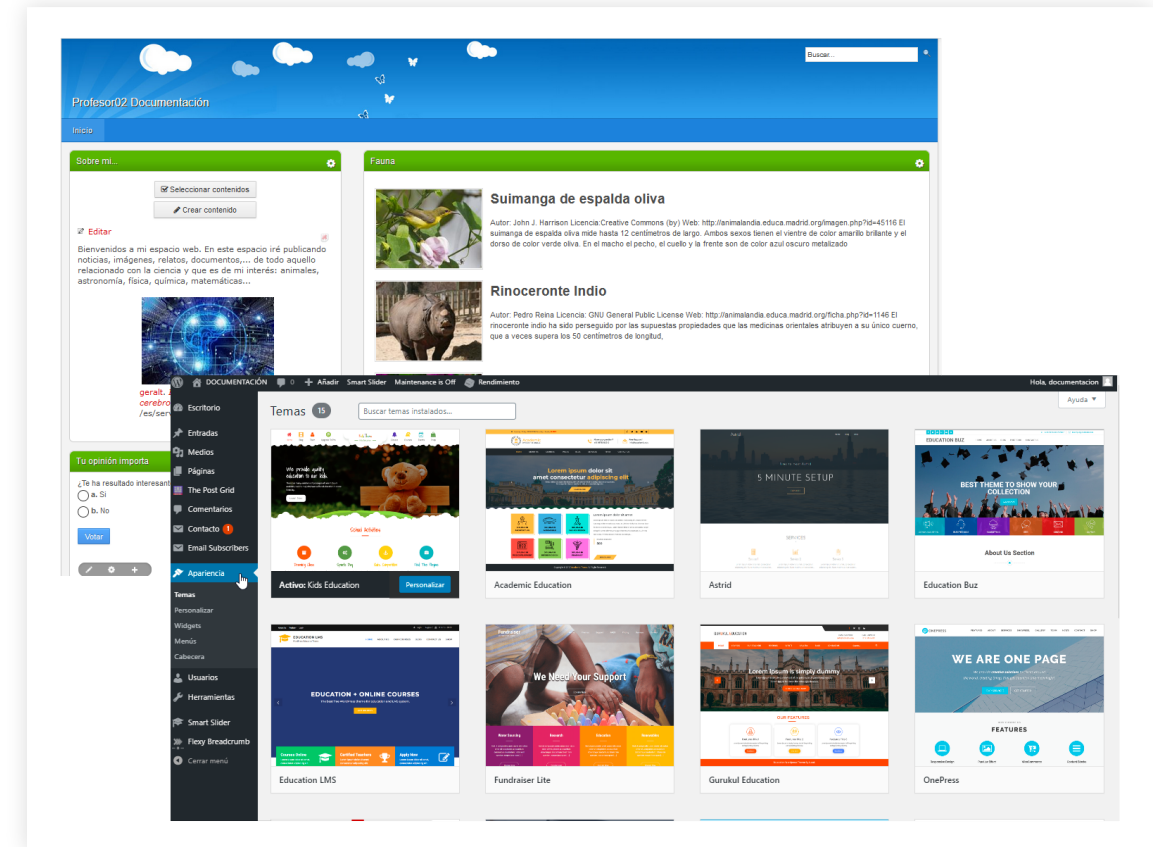
The screenshot displays a web application interface for user management. The top navigation bar includes 'Panel de control', 'Usuarios', and 'Sitios Web'. Below this, there are tabs for 'Usuarios y Organizaciones', 'Gestor de Usuarios', and 'Gestor del Centro'. The main content area is titled 'Alta profesor' and contains several sections:

- DATOS BÁSICOS:** Includes input fields for 'Nombre *', 'Apellidos *', 'NIF / NIE *', and 'Correo electrónico alternativo *'. A checkbox below indicates if the form is being completed with user data and archived in the center.
- DATOS DE ACCESO: USUARIO Y CONTRASEÑA:** Includes a 'Nombre de usuario *' field with a 'Generar nombre de usuario' link, a 'Contraseña *' field, and a 'Confirmar contraseña *' field. A 'Generar contraseña segura' button is also present. A note below states: 'La contraseña ha de tener un mínimo de 8 caracteres, incluir una letra mayúscula y un número.'
- DATOS DEL CENTRO Y CLASE:** Includes dropdown menus for 'Á. T.' (set to 'Especial'), 'Localidad' (set to 'Especial'), 'Centro' (set to 'C RECURSOS D'), 'Clase' (set to 'Selecciona'), and a 'Departamento' field with a note: 'Mantenga la tecla Ctrl pulsada para seleccionar más de un departamento.'
- ACTIVACIÓN Y CUOTAS:** Includes checkboxes for 'Acceso al correo' (checked) and 'Acceso al cloud' (checked). A dropdown for 'Cuota del correo' is set to 'Predeterminado' (100 MB).

At the bottom, there are buttons for 'Restablecer', 'Guardar', and '« Volver'.

WEBS MANAGEMENT

- Teachers and Classroom blogs.
- Websites of 1,800 schools.
- 700 million webpages served in 2020.
- 4 Liferay servers and 2 Wordpress servers.



- Webs Management with Liferay Documentation and
Webs Management with Wordpress Documentation.



- Courses with resources, forums, instant messaging...

- Teachers can evaluate lessons and activities, take exams...

- There are **182,000** courses created.

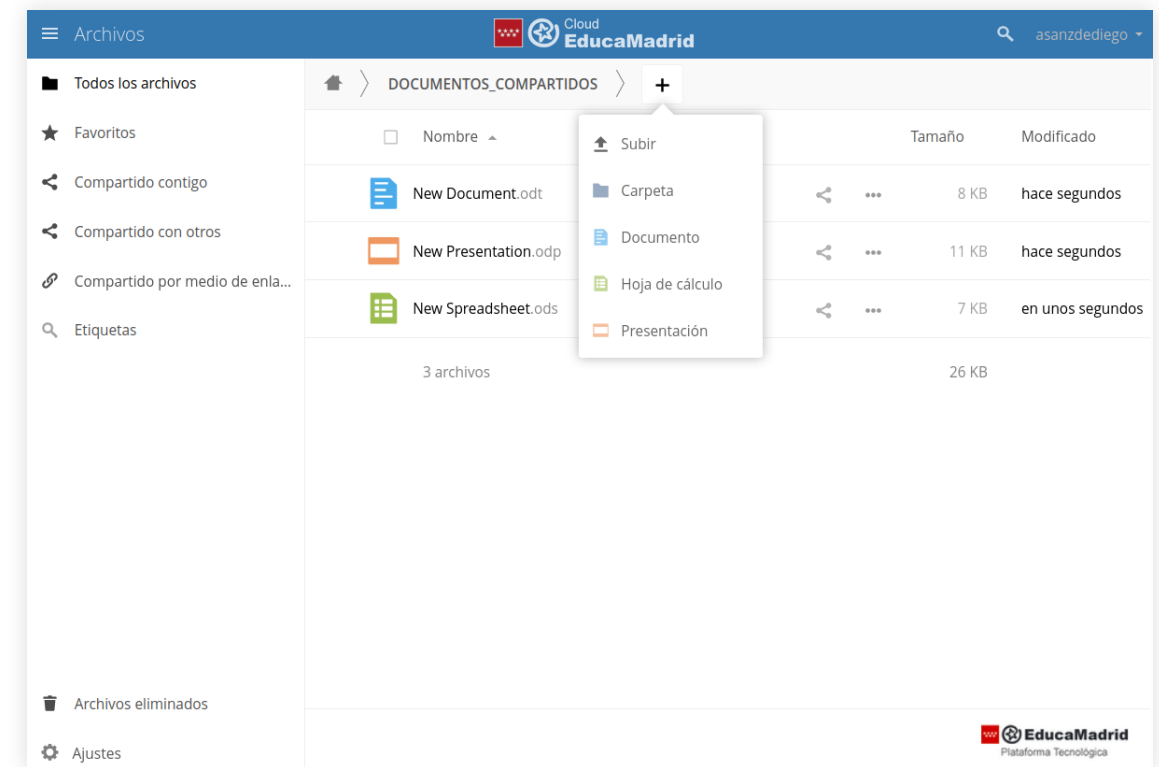
- **40 Moodle servers and 14 MySQL servers.**

- **Virtual Classroom Documentation.**

The screenshot shows the 'Repositorio de Aulas Virtuales' page for EducaMadrid. The header includes the logo and navigation links. The main content area features a welcome message in Spanish, a Creative Commons BY-NC-SA license logo, and a list of categories such as 'INFANTIL', 'PRIMARIA', 'ESO', 'BACHILLERATO', 'ADULTOS', 'FORMACIÓN PROFESIONAL', 'ESCUELAS OFICIALES DE IDIOMAS', and 'AULAS VIRTUALES (MOODLE)'. A sidebar on the right contains a 'Menú principal' with 'Anuncios de la página' and a section for 'Otros recursos' listing various educational resources from different regions like Aragón, Extremadura, and Cataluña.

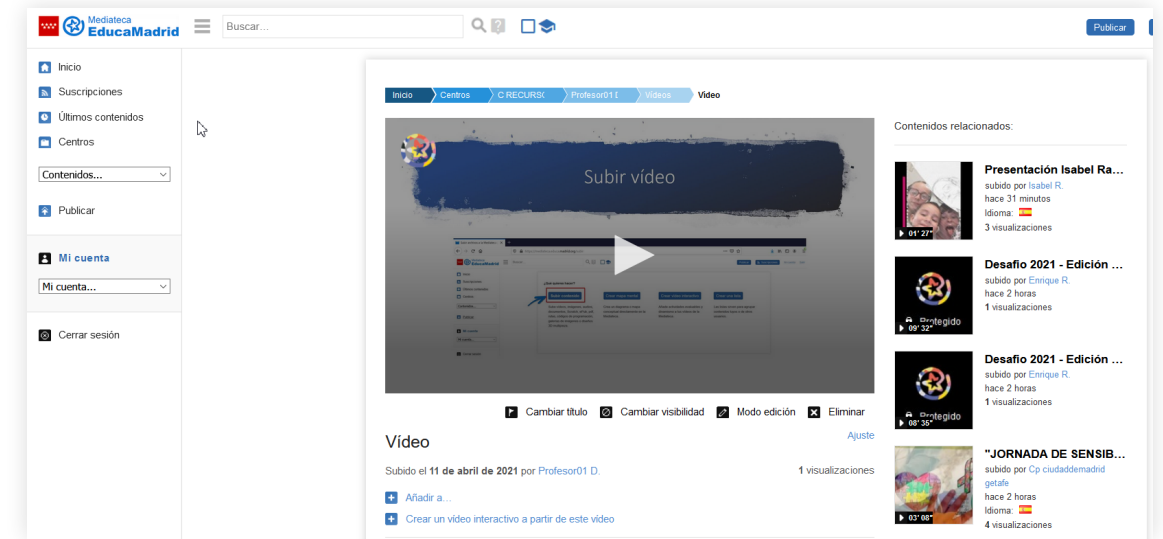


- To share folders and files.
- Collaborative editing.
- We offer up to 5 GB per user.
- In 2021 a traffic of 121 TB.
 - 5 ownCloud servers,
- 1 Collabora server and 1 MySQL server.
- Cloud Documentation.



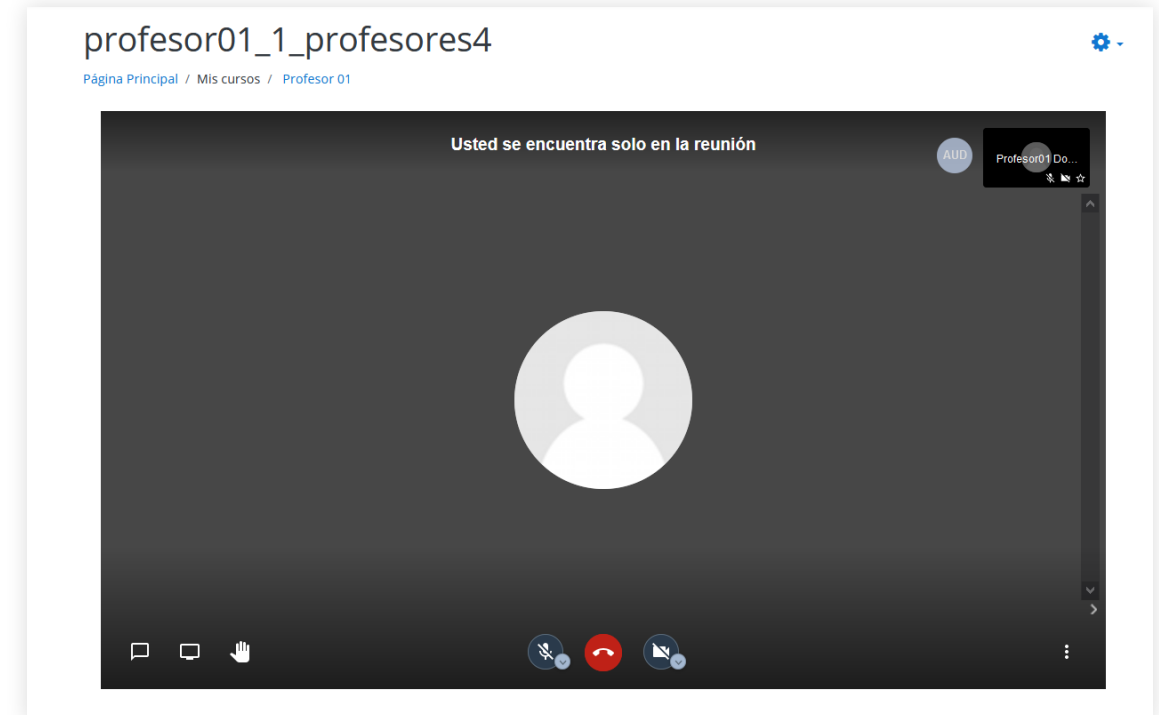


- To store multimedia content (videos, photos, audios, etc.).
- Users can Choose the license under which the content is published.
 - Easy and secure sharing.
 - In 2021 a traffic of 13.7 million visits.
- 2 reading servers, 1 video conversion server and 1 MySQL server.
 - Media Library Documentation.



VIDEO CONFERENCING

- Integrated in the Virtual Classrooms and also separately.
 - 36,000 connections per day.
 - **16 Jitsi servers.**
- Video Conferencing Documentation.

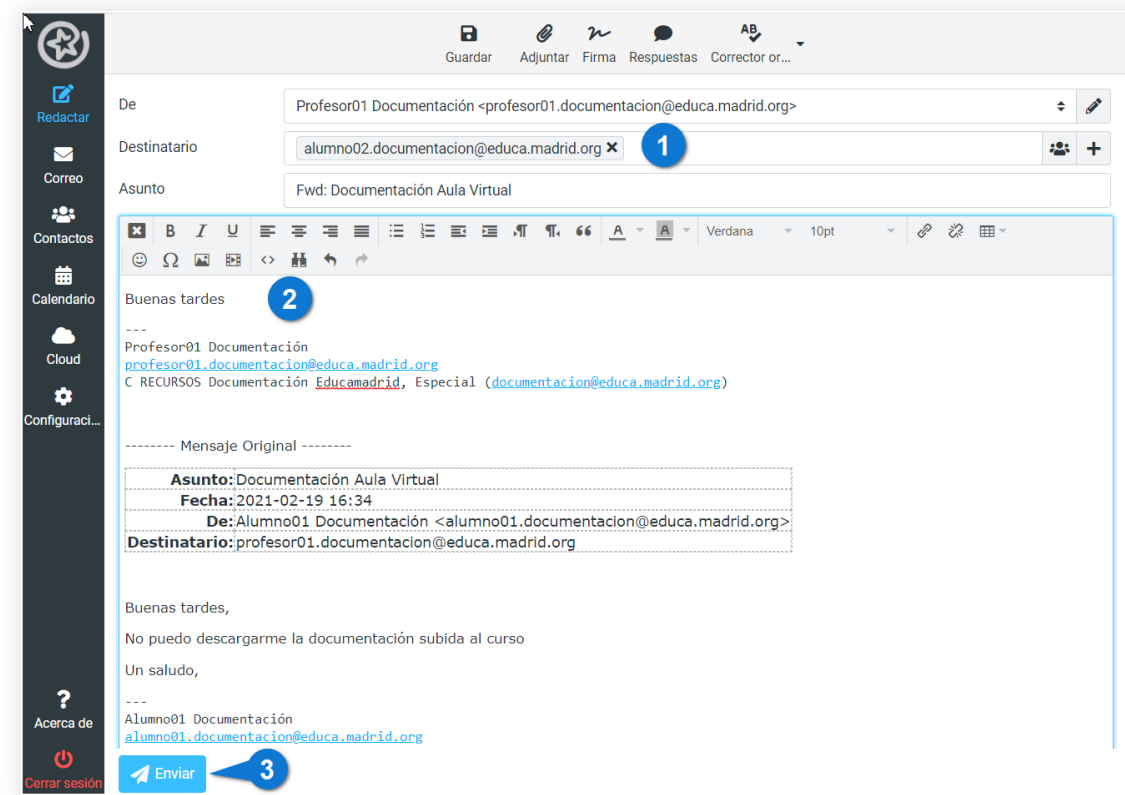




- By default students can only receive mails from EducaMadrid.
 - We offer up to 5 GB per user.
- 261 million emails managed in 2021.

- 15 gmail servers, 11 roundcube servers and 1 sympa server.

- Email Documentation.



MAX MADRID-LINUX

- O.S. for the educational community.
- (Almost) all the necessary programs.
 - Teacher and student profiles.
 - Can be installed on any computer.
- Promotes technological freedom and does not generate captive users.
 - MAX download and documentation.



TO CONCLUDE



Safe environment that does not generate any **digital footprint** to its users.



Free environment that uses Free Software that grants **technological freedom**.



Sustainable environment that promotes the development of digital competencies **without generating captive users**.

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THANK YOU