



# EKT

**Plataforma de Soporte al Aprendizaje, Comunicación y Coordinación de la Formación Inicial del Profesorado durante el período de prácticas docentes**



María José R. Malmierca  
Abraham Felpeto Guerrero



# El problema

Investigación  
transnacional

347 tutores de  
Universidad y escuela de  
5 países

2019-2023

Mejorar la formación inicial del profesorado a través de la colaboración entre universidades, escuelas y docentes participantes

Desarrollo de las habilidades y actitudes positivas del alumnado hacia la innovación educativa



# Soluciones habituales



VIRTUAL CAMPUS



PROFESORES  
EXTERNOS



VIDEOCONFERENCING  
SYSTEM



POCA INTERACCIÓN



CLOUD STORAGE



DIFICULTAD DE  
FEEDBACK Y  
MONITORIZACIÓN

# Needs identified



Synchronous and asynchronous virtual **communication tools** that allow 3 ways interaction (academic tutor, school tutor and student teacher)



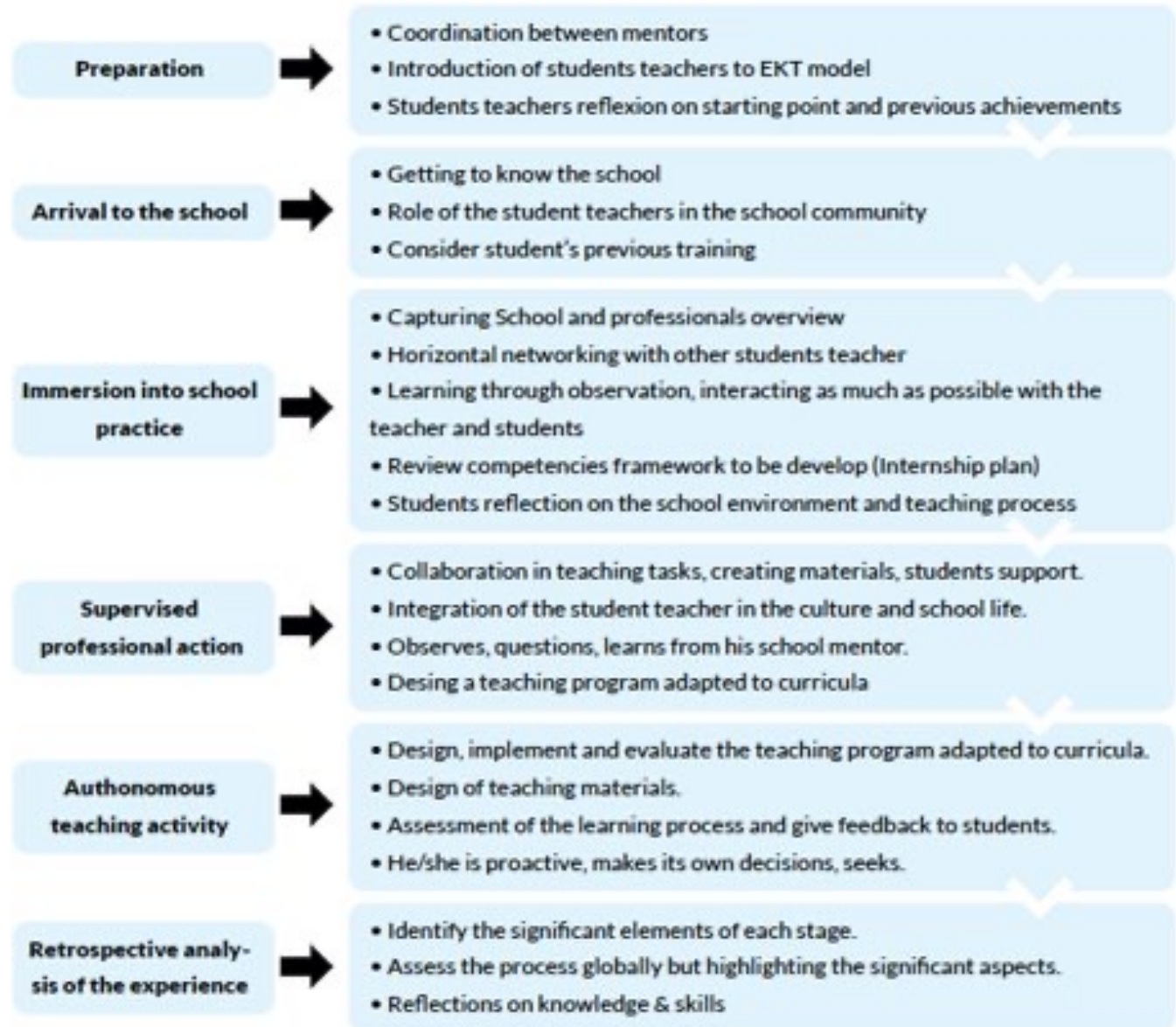
Tools for **recording direct observations**, reflections and productions of students during practices.



Tools for **individualized monitoring** of students by tutors and **formative assessment**



# Metodología EKT



# Instrumentos metodológicos EKT

## STAGE 6: Retrospective analysis of the experience

- 2. Analysis of previous training
- 6. EKT Teaching competency framework.
- 8. Analysis of the learning about the profession.
- 13. Learning process with the EKT system
- 14. Final ISP report.

## STAGE 5: Autonomous teaching activity

- 8. Analysis of the learning about the profession.
- 12. Self-assessment form II.

## STAGE 4: Supervised professional action

- 8. Analysis of the learning about the profession.
- 9. Planning and development of the didactical proposal.
- 10. Self-assessment form I.
- 11. Guide for the Peer-Assessment of the didactical proposal.

## STAGE 1: Preparation

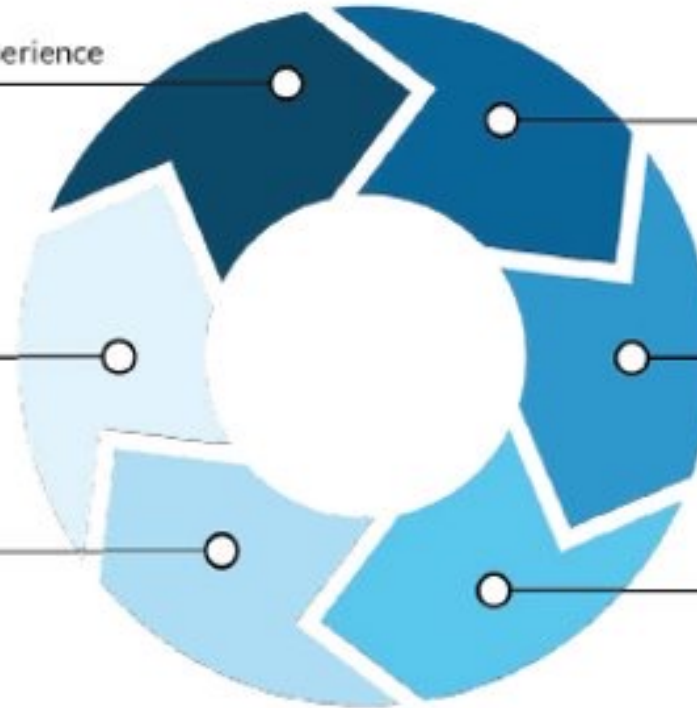
- 1. Code of ethics and informed consent for participation.
- 2. Analysis of previous training.
- 3. Record of expectations

## STAGE 2: Arrival at the school

- 2. Analysis of previous training.
- 5. Student teacher internship plan.

## STAGE 3: Immersion in practice

- 5. Student teacher internship plan.
- 6. EKT Teaching competency framework.
- 7. Observation sheet of the school life and education practice



# Plataforma EKT



Un **espacio virtual** en el que estar conectados durante las prácticas, dar continuidad a la formación inicial y mantener el vínculo (grupo de estudiantes-docentes y tutores académicos)



Un conjunto de herramientas que facilitan **la comunicación, la orientación** formativa de los alumnos en las prácticas y la **reflexión guiada**.



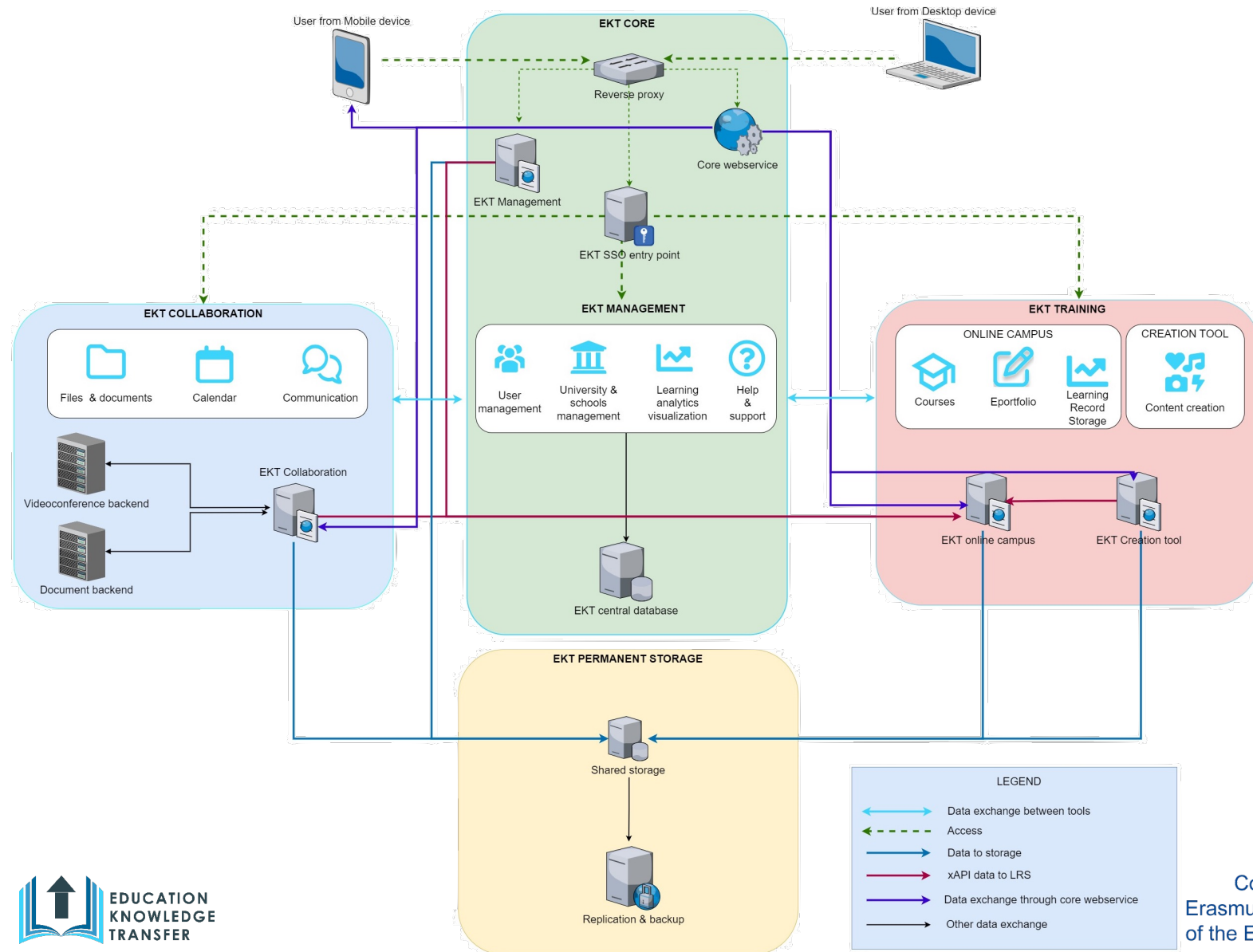
Un espacio de **interacción y colaboración** entre los tutores y el alumno a lo largo de las prácticas



Un **complemento formativo en habilidades** necesarias: observación, investigación-acción, creación de materiales digitales

<https://app.ektproject.eu/>

# EKT platform structure





Portales  
personalizados:  
*coordinador/a  
universidad*

Alisa White  
Alerts  
Notifications

MANAGEMENT  
University  
School  
Create users  
Create groups

TRAINING  
Preliminary training  
Content creation

ORGANIZATION  
Calendar  
Documents  
Chat

DATA  
Analytics

OTHER  
Help  
Opinion  
Legal

## Welcome back to EKT Alisa

### Educational Knowledge Transfer - EKT

Welcome to the virtual collaborative and learning In-School Placement environment.

#### Some features

- University management**  
Information about students, mentors, groups, etc.
- School management**  
School placement center information
- Documents**  
Manage and share cloud documents
- Calendar**  
Organize and manage your activity
- Analytics**  
Activity and progress follow-up
- Preliminary training**  
Access to the initiation courses

#### Data - Overview

| My university                    | View data |
|----------------------------------|-----------|
| Number of student teachers       | 24        |
| Students with no mentor assigned | 0         |
| Students with no assigned school | 0         |
| Groups                           | 4         |
| Coordinators                     | 1         |
| Data - overview                  | 2         |

| Assigned schools                 | View data |
|----------------------------------|-----------|
| Schools                          | 1         |
| Coordinators                     | 1         |
| Students with no mentor assigned | 0         |
| Mentors                          | 8         |

Portales  
personalizados:  
*tutor/a*  
*universidad*

Welcome back to EKT Leticia

### Educational Knowledge Transfer - EKT

Welcome to the virtual collaborative and learning In-School Placement environment.

#### Some features

- Documents**  
Manage and share cloud documents
- Communication**  
Communicate with your mentors and fellows
- Calendar**  
Organize and manage your activity
- Analytics**  
Activity and progress follow-up
- Preliminary training**  
Access to the initiation courses

#### Data - Overview

| My university | View data |
|---------------|-----------|
| Students      | 12        |
| Groups        | 4         |
| Coordinators  | 1         |

| Assigned schools                         | View data |
|--|-----------|
| Schools associated with my students      | 1         |
| School mentors associated to my students | 4         |

# Portales personalizados: *estudiante*

The screenshot shows a user interface for 'Student1 ws1'. It features a dark blue sidebar with navigation options: Alerts, Notifications, MANAGEMENT (University, School), TRAINING (Eportfolio, Preparation, Content creation), ORGANIZATION (Calendar, Documents, Chat), DATA (Analytics), and OTHER (Help, Opinion, Legal). The main content area has a blue header with 'Welcome back to EKT Student1' and a white box containing the title 'Educational Knowledge Transfer - EKT' and a subtitle 'Welcome to the virtual collaborative and learning In-School Placement environment.' Below this, a section titled 'Some features' displays six icons with descriptions: Documents (Manage and share cloud documents), Communication (Communicate with your mentors and fellows), Analytics (Activity and progress follow-up), Eportfolio Demo Training (Share your experiences and reflect), Preliminary training (Placement preparatory course Preparation), and Content creation (Create your learning materials).

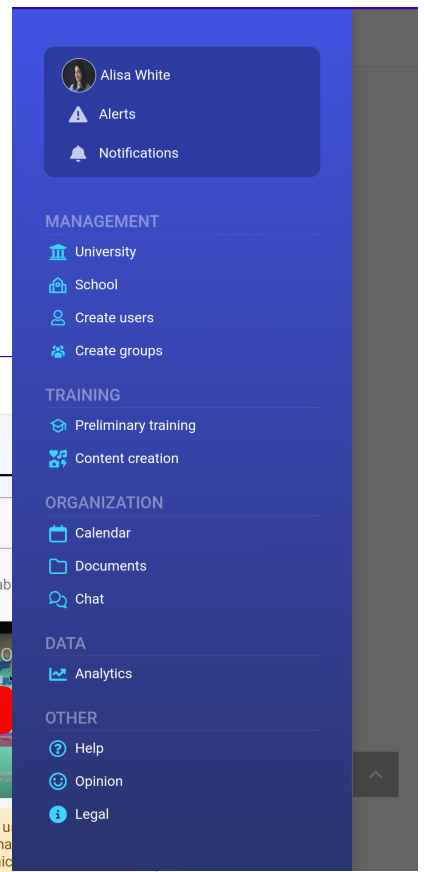
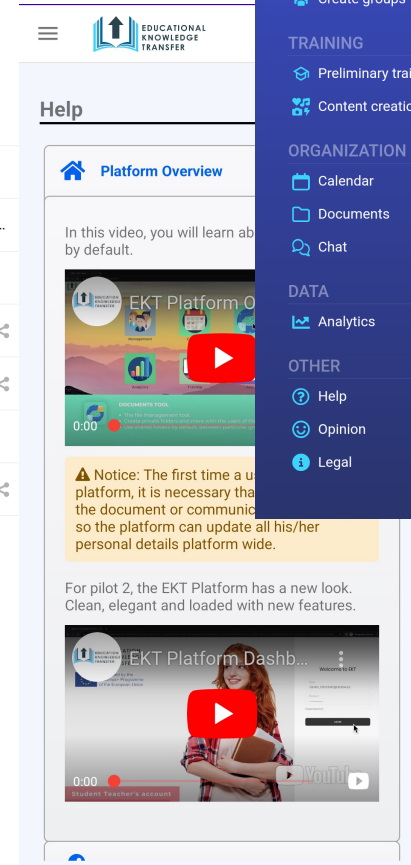
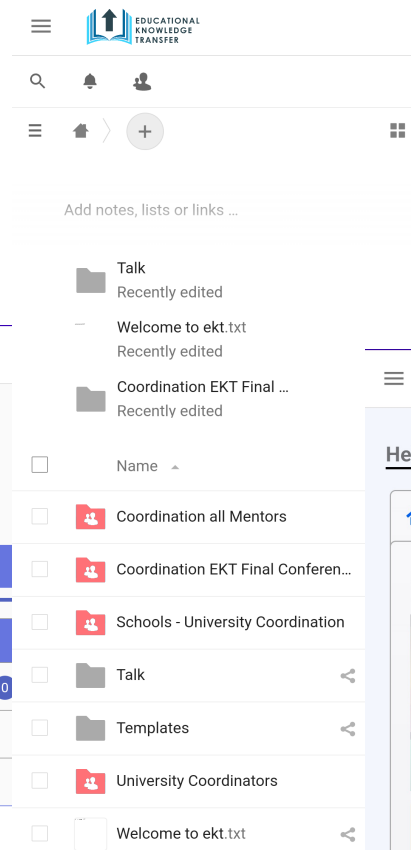
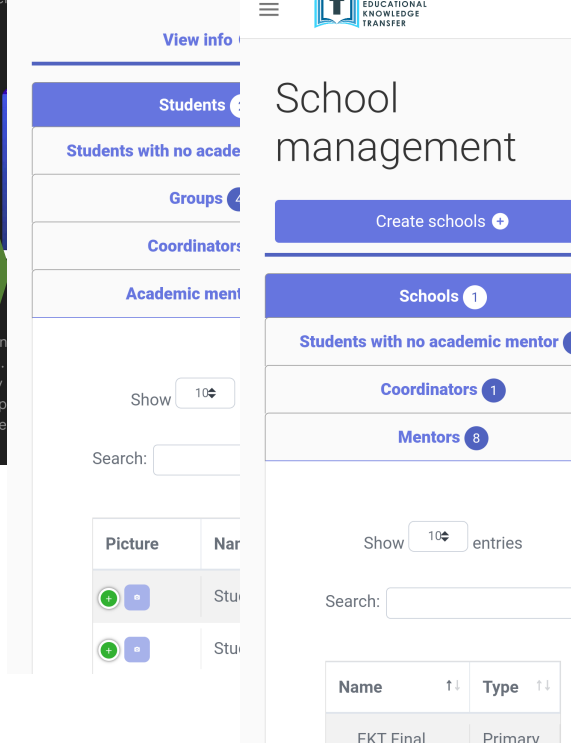
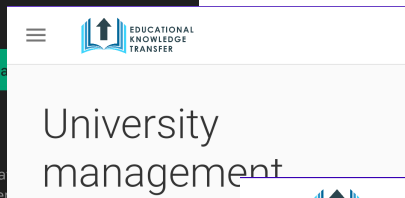
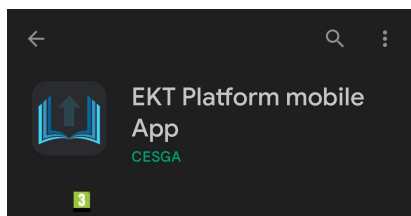


# App (Android)

<https://play.google.com/store/apps/details?id=com.cesga.ektproject>



Co-funded by the  
Erasmus+ Programme  
of the European Union



Herramientas de  
Gestión y  
colaboración

Alisa White

Alerts

Notifications

### MANAGEMENT

- University
- School
- Create users
- Create groups

### TRAINING

- Preliminary training
- Content creation

### ORGANIZATION

- Calendar
- Documents
- Chat

### DATA

- Analytics

### OTHER

- Help
- Opinion
- Legal

EDUCATIONAL KNOWLEDGE TRANSFER

Alisa White

Alerts

Notifications

MANAGEMENT

- University
- School
- Create users
- Create groups

TRAINING

- Preliminary training
- Content creation

ORGANIZATION

- Calendar
- Documents
- Chat

DATA

- Analytics

OTHER

- Help
- Opinion
- Legal

## Create user

Create multiple users from list

### User data

Name

Surname

E-mail

Country

Role

Password

Confirm password

Show password  Generate random password

< Back

# Creación de usuarios, grupos, escuelas...

Alisa White

Alerts

Notifications

MANAGEMENT

- University
- School
- Create users
- Create groups

TRAINING

- Preliminary training
- Content creation

ORGANIZATION

- Calendar
- Documents
- Chat

DATA

- Analytics

OTHER

- Help
- Opinion
- Legal

## Create preliminary training

### New course

Name

Code (internal identifier)

Country

Type

Quota

Higher Education Institution affiliation

< Back

Create preliminary training

Collaboration and communication tools:  
Access and info

Leticia Hooper  
Alerts  
Notifications

MANAGEMENT  
University  
School

TRAINING  
Preliminary training  
Content creation

ORGANIZATION  
Calendar  
Documents  
Chat

DATA  
Analytics

OTHER  
Help  
Opinion  
Legal

# University management

- My students 12
- My students groups 4
- Coordinators 1

Show 10 entries

Search:

| Picture | Name     | Surname | Training            | Pending assign | Actions |
|---------|----------|---------|---------------------|----------------|---------|
|         | Student1 | ws1     | CONTENTS EPORTFOLIO |                |         |
|         | Student2 | ws1     | CONTENTS EPORTFOLIO |                |         |
|         | Student3 | ws1     | CONTENTS EPORTFOLIO |                |         |
|         | Student1 | ws2     | CONTENTS EPORTFOLIO |                |         |
|         | Student2 | ws2     | CONTENTS EPORTFOLIO |                |         |
|         | Student3 | ws2     | CONTENTS EPORTFOLIO |                |         |
|         | Student1 | ws3     | CONTENTS EPORTFOLIO |                |         |
|         | Student2 | ws3     | CONTENTS EPORTFOLIO |                |         |
|         | Student3 | ws3     | CONTENTS EPORTFOLIO |                |         |
|         | Student1 | ws4     | CONTENTS EPORTFOLIO |                |         |

Showing 1 to 10 of 12 entries

Previous 1 2 Next

Acceso a datos de estudiantes: portafolios, creación de materiales, grupos

[Back](#)

Collaboration and communication tools:  
Shared cloud docs

| Nombre                         | Tamaño                      | Modificado   |
|--------------------------------|-----------------------------|--------------|
| Coordinación todos los tutores | 0 KB                        | hace 6 meses |
| EKT_PARTNERS                   | 0 KB                        | hace 6 meses |
| Plantillas                     | 0 KB                        | hace 6 meses |
| Talk                           | 11 de octubre de 2022 10:43 |              |
| Templates                      | 0 KB                        | hace 6 meses |
| Welcome to ekt.txt             | < 1 KB                      | hace 6 meses |

## Carpetas de documentos grupales e individuales

Collaboration and communication tools



The screenshot displays the NextCloud Talk interface. On the left is a sidebar with a search bar and a list of channels: 'EKT PARTNERS', 'EKT devel', and 'Actualizaciones de Talk'. The main area shows a chat window for 'EKT devel' with a list of messages from users like Salva Tabarés, María José Rodríguez Malmierca, and Abraham Felpeto. On the right is a participants list for 'EKT devel' showing four active members: Juan Prados, María José Rodríguez Malmierca, Salva Tabarés (moderator), and Abraham Felpeto. A 'Comenzar llamada' button is visible at the top right of the chat window.

# Chat, videoconferencia, acceso móvil





# Eportfolio en EKT

Para cubrir tu e-portfolio, sigue estas instrucciones

## Portafolio

Seleccionar un portafolio de estudiante

example student

Regresar al portafolio principal del curso

Ver destacados

Fecha de creación

Etiquetas

No hay selección

Buscar

Filtrar

Reflexiones Materiales Informe final Todo

example student example@email address.es

Destacado

### Práctica reflexiva

example student Fecha de creación: hace 4 meses

A reflexión es un elemento fundamental para a mellora da práctica docente crítica o que estamos facendo para aprender dos erros e determinar a or tendo isto en conta paréceme moi interesante a destacar as tres partes q (Aval...

Añadir un comentario

Destacado

### Mapa conceptual: observación

example student Fecha de creación: hace 4 meses Última modificación: hace 4 meses

A continuación adjunto o mapa conceptual sobre " a observación" que nos pide a unidade 2 do curso.

entrada test

Felpeto, Abraham Fecha de creación: hace 5 meses

entrada test

1 comentarios

Felpeto, Abraham

hace 5 meses

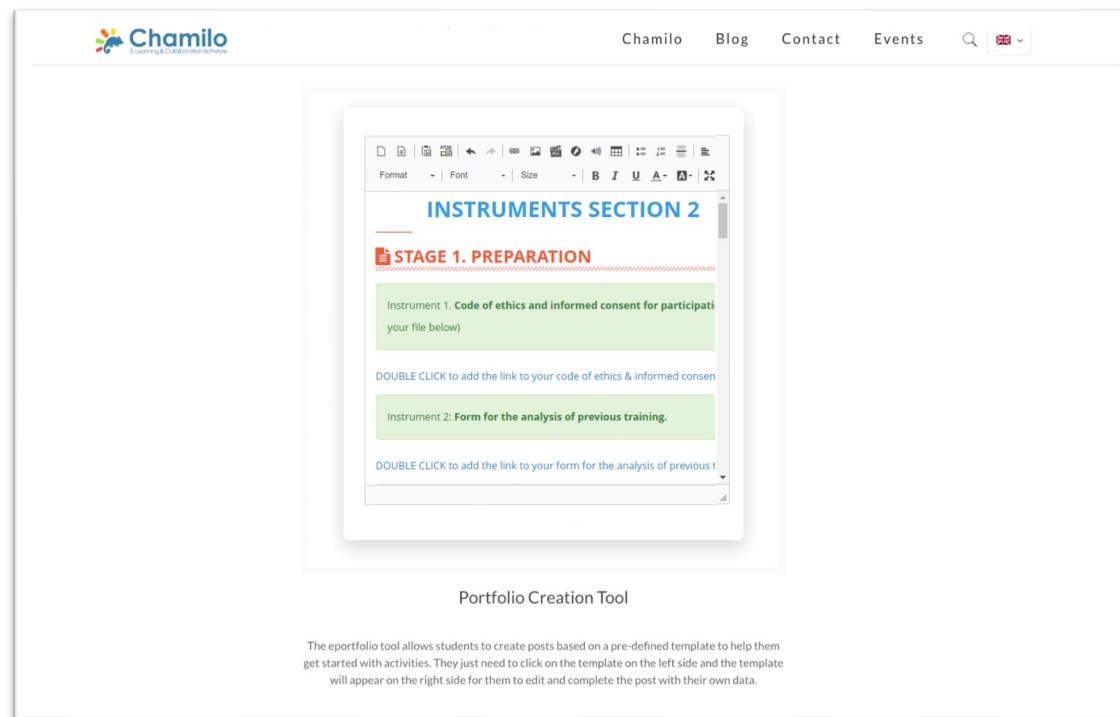
respuesta test

Formación y reflexión con apoyo: Eportfolio

- Acceso también a tutores y compañeros de grupo (resaltar, calificar, responder)
- Estructurado en 3 secciones: Reflexiones/Materiales/Informe final
- Es posible copiar publicaciones y llevarlas a otro eportfolio.
- Permite buscar entradas y usuarios.
- Permite a tutores crear y asignar palabras clave (etiquetas)

# Eportfolio: Transferencia

- Se ha incluido esta herramienta en la versión actual de la plataforma de código abierto **Chamilo LMS**
- Disponible para 30 millones de usuarios de todo el mundo



<https://chamilo.org/>

Formación y reflexión  
con apoyo:  
Eportfolio

Training

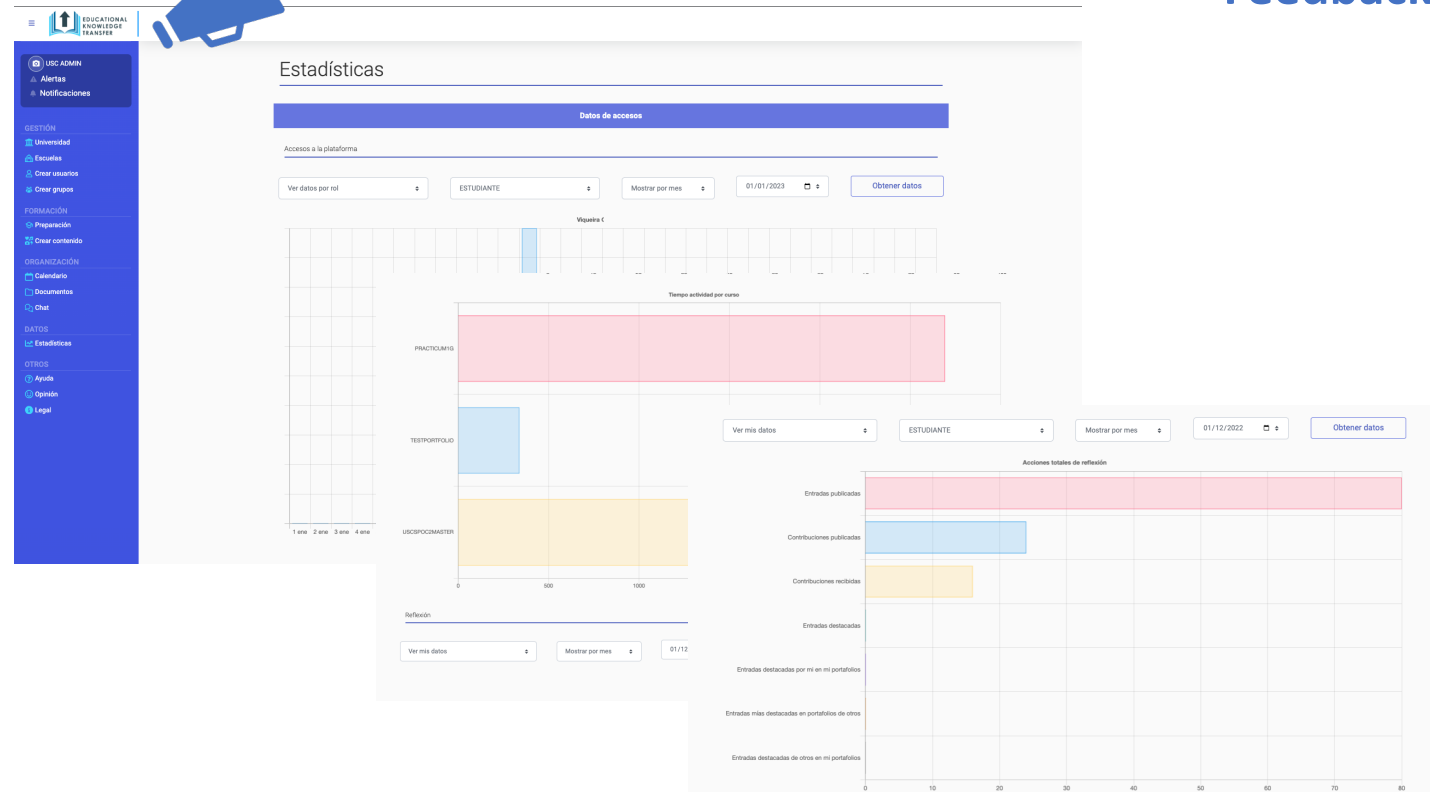
Colaboration

Reflection

Interaction

Feedback

Analíticas del aprendizaje



- Registro de actividad en todas las herramientas de EKT y actividades personalizadas para cada usuario, rol y grupo
- Ayuda a cada usuario a tomar decisiones y evaluar el proceso.
- 3 perfiles principales: coordinador/tutor/alumno



# Muchas gracias

¿preguntas?

