



Oide

Tacú leis an bhFoghlaim
Ghairmiúil i measc Ceannairí
Scoile agus Múinteoirí

Supporting the Professional
Learning of School Leaders
and Teachers

Artificial Intelligence for and by Teachers

AI4T & Irish Activities in AI

Overview of Strategy

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About AI4T

Aims

To test the efficiency and usefulness of training teachers to understanding and using AI tools in the classroom

Organisation

The project was divided into 6 Work packages:

- **WP0: Management (FEI)**
- **WP1: Experimentation (MIUR)**
- **WP2: Training architecture and resources (UN-LS2N)**
- **WP3: Evaluation (CNAM-CNESCO)**
- **WP4: Dissemination and upscaling (MIZS)**
- **WP5: Quality assurance (H2 Learning)**



Specific Objectives

- To explore and support the use of AI in education. The AI4T measure consists in implementing innovative teacher training methods specifically designed to meet the challenges of AI in education
- To test the efficiency and useness of training teachers to understanding and using AI tools in the classroom

The thinking behind the project

- That a bespoke training can help teachers to deconstruct their preconceptions, develop their knowledge and encourage an informed use of AI in an educational setting.

Target Teachers

- The project specifically targets teachers in charge of 15 to 17-year-old students with expertise in foreign languages, maths or sciences, and to a lesser extent, principals, in a management capacity.



Who was involved?

Strategic leadership from Ministries

- Ministère de l'Éducation nationale, de la Jeunesse et des Sports, France (Directorate for Digital in Education)
- Dublin West Education Centre, Ireland
- Ministero dell' Istruzione, Italy
- Service de Coordination de la Recherche et de l'Innovation pédagogiques et technologiques (SCRIPT). It is an entity of the Ministry of National Education, Childhood and Youth in Luxembourg.
- Ministrstvo za izobraževanje, znanost in šport, Slovenia



Partners

- Public authorities that will decide upon the strategic orientations of the project and ensure that the field trials run smoothly.
- The project coordinator
- Evaluation partners responsible for building the evaluation methodology and carrying out the impact study.
- Partners holding expertise in training development and AI



AI4T – How?

- The creation of a MOOC

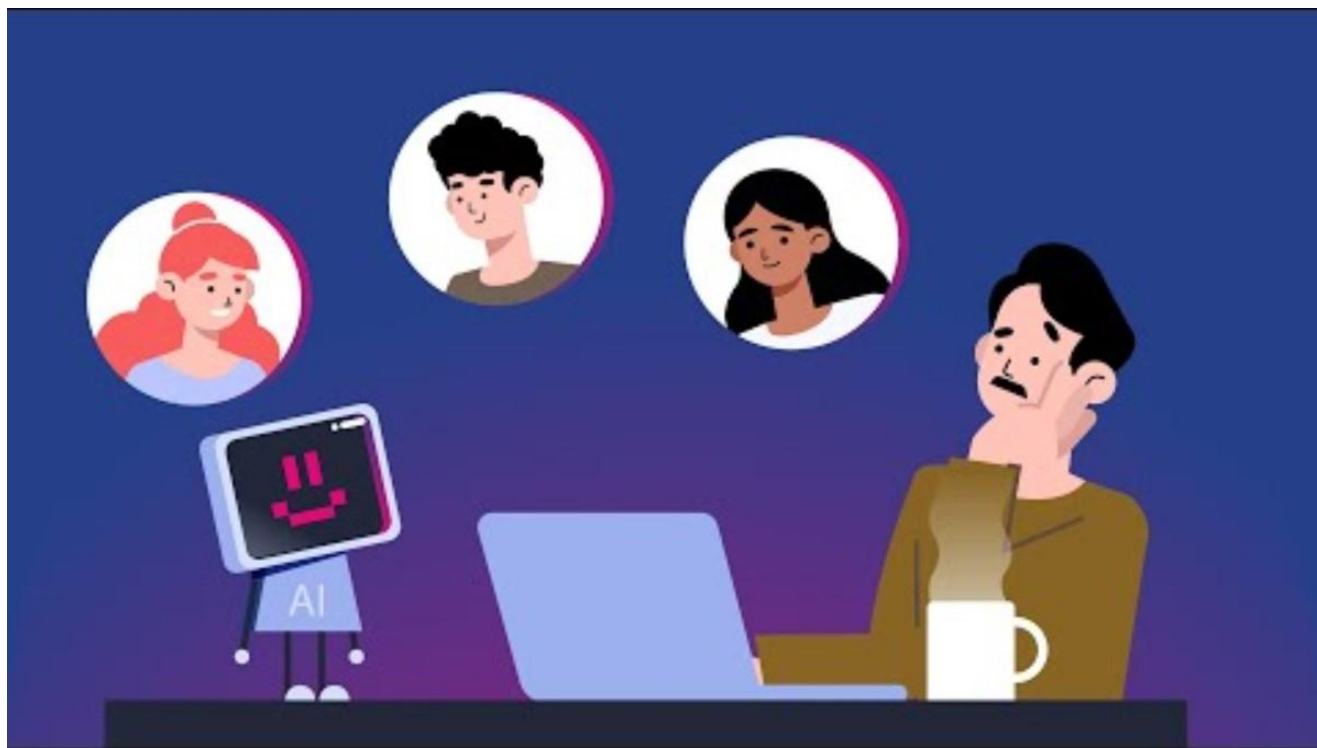
Evaluation

- Through survey and field observations, the impact of the training built and implemented on (1) teachers' attitudes and practices regarding teaching with AI-based tools and (2) the resulting measurable skills, attitudes and behaviours of their students.
- Designed as a randomised controlled trial, over 350 schools, their headmasters and a minimum of 1400



The MOOC

[Watch a teaser](#)





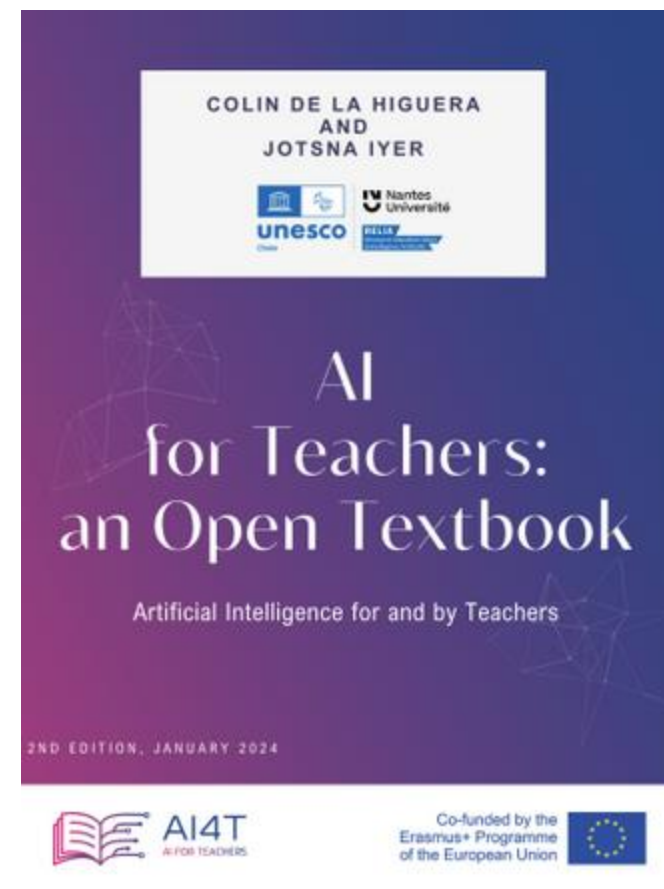
AI4T – Open Textbook

One key outcome of this project has been the development of a textbook specific to the role of the teacher.

Looks at . . .

- Why learn about AI as an educator
- The information ecosystem
- Managing learning- Data and learning management systems
- Personalised learning
- Listening, speaking and writing with AI

[View the textbook](#)



Textbook content

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Meanwhile back in Ireland



Academics and teachers share their views on the use of AI in the classroom.

[View the video series >>](#)



And still in Ireland

AI Online Course

Course Details

+ AVAILABILITY

Open Now, Term time

+ COURSE DATES

13-05-24 to 21-06-24

+ TARGET AUDIENCE

All teachers and school leadership teams

+ SECTOR

Post-primary, Primary

+ STUDY TIME

1 hour

+ PLACES

Unlimited



And still in Ireland



Ireland's Internet Safety initiative section on AI and safety in schools.

What are the benefits of AI?



Can provide tailored responses



Can process vast amounts of data



Can help with generating ideas



Can improve efficiency



Can help research and innovation

What are the limitations of AI?



Responses may be biased, inaccurate or harmful



Information requires checks



New challenges may emerge



Data privacy and security



Ethical concerns around its use



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Questions?



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Thank you

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