

Partnership

8 partners from 4 different European countries are involved in the project:

Universidad de León (Spain) 

Universidad de Salamanca (Spain) 

CEE NTRA. SRA. del Sagrado Corazón (Spain) 

Instituto Politécnico de Bragança (Portugal) 

University of Eastern Finland (Finland) 

Colégio Internato dos Carvalhos (Portugal) 

Pixel Associazione (Italy) 

Scoala Primara EuroEd (Romania) 



**Co-funded by
the European Union**

This project has been co-funded with support from the European Commission.

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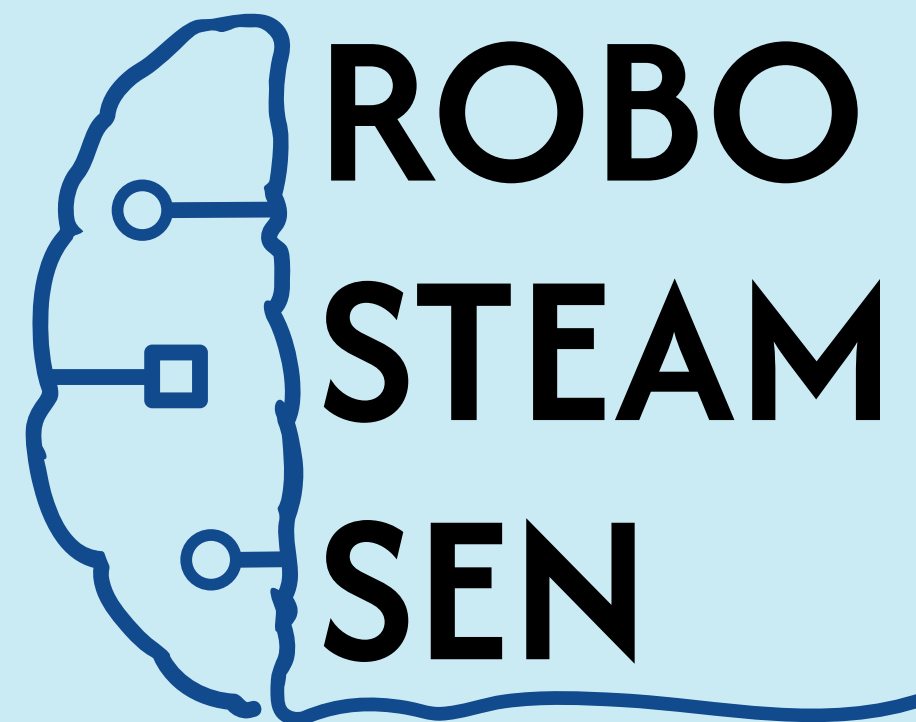
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Project Number:

2023-1-ES01-KA220-SCH-000155379



**Training SEN teachers to
use ROBOTICS for fostering
STEAM and develop
computational thinking**

<https://roboteamsen.eu/>

CONTEXT

01.

Our current society demands professionals with XXI century skills. STEAM disciplines have shown to be specially relevant to facilitate their acquisition. However in such disciplines inclusion of students with intellectual or developmental disabilities (IDD) is very difficult. RoboSTEAMSEN aims to support educational processes by providing teachers of students with IDD, with methodologies and tools for fostering STEAM by using Robotics and Active Learning Methodologies.

AIMS

02.

The specific aims of the project are:

- Understanding disabled students needs and adapting robotics and active learning methodologies to their different disabilities
- Defining training programs for teachers so they can make adaptations to personalize the learning of students with IDD
- Developing a community of practice to provide a meeting point for teachers and decision makers about how to succeed in STEAM Education for IDD students

TARGET GROUPS

03.

The project is addressed to:

- Teachers
- Students with IDD
- Decision makers
- Caretakers and parents

PROJECT RESULTS

04.

The main project outcome should be to improve STEAM Education for students with IDD. In order to achieve this, we will produce several results:

- A taxonomy designed to classify resources for students with IDD
- A user model aimed at personalizing learning experiences for students with IDD
- Guides, resources, and courses tailored for teachers working with students who have IDD
- Workshop models designed to disseminate project results effectively
- A technological ecosystem established to support a community of practice focused on the topic