

Investing in education for a changing world

21ST CENTURY SKILLS AND READINESS FOR THE WORLD

Jerónimo Silva
Regional Sales Manager, jp.ik



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inspiring knowledge

**TRANSFORMING
EDUCATION through
TECHNOLOGY**

**TRANSFORMING
the WORLD through
EDUCATION**

The world's largest corporate sustainability initiative

A call to companies to align strategies and operations with universal principles on human rights, labour, environment and anti-corruption, and take actions that advance societal goals.



United Nations
Global Compact





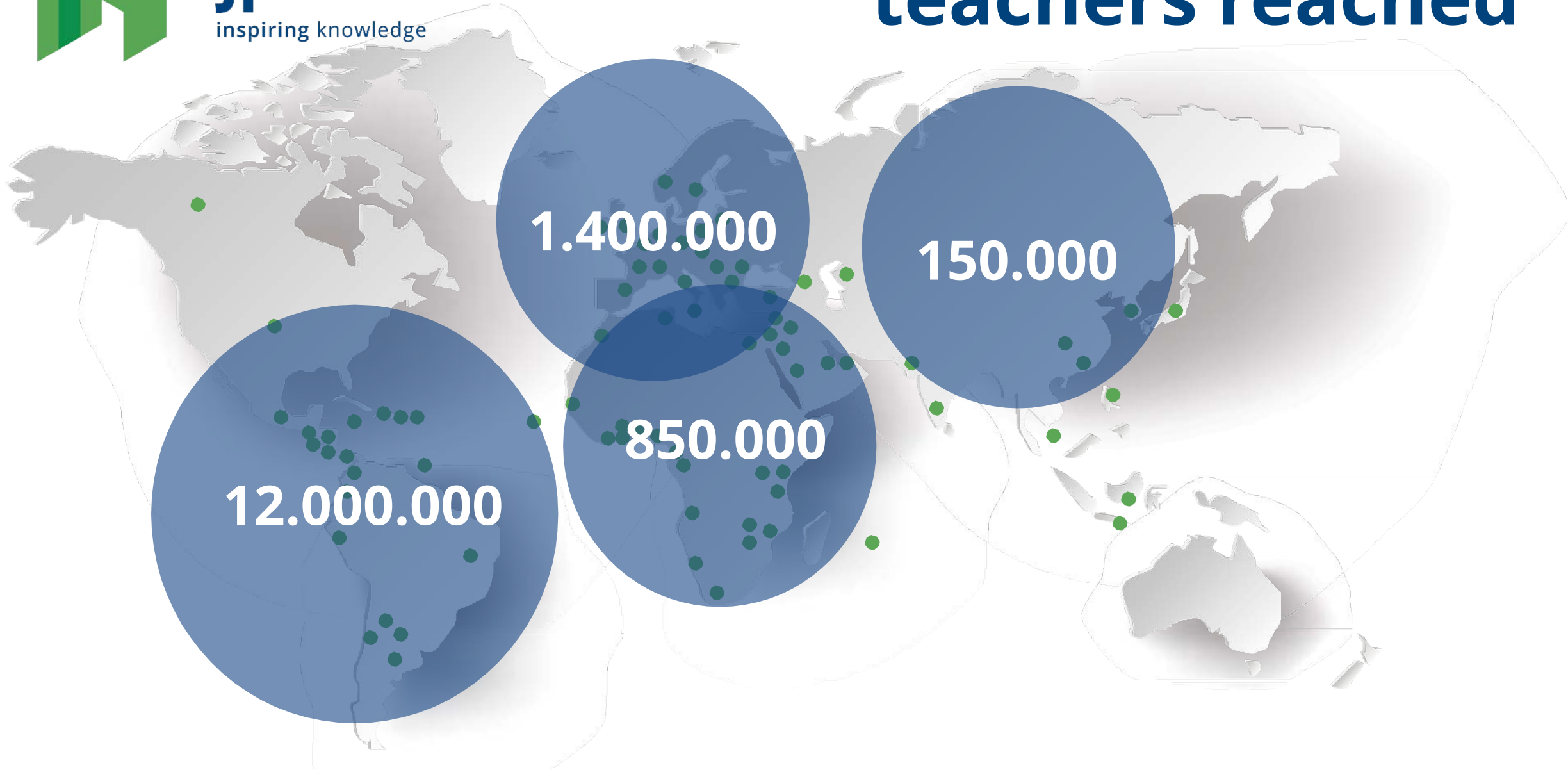
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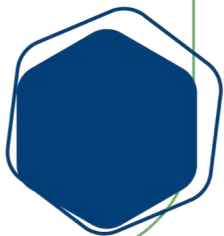
**N° 1 IN THE WORLD IN
IMPLEMENTING LARGE
SCALE PROJECTS IN
EDUCATION**



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IMPACT - students and teachers reached





the jp.ik project sustainable approach



THE GLOBAL GOALS For Sustainable Development



ALIANÇA
OBJETIVOS DE
DESENVOLVIMENTO
SUSTENTÁVEL PORTUGAL



EDUCATIONAL IMPACT

“Transforming Education” around the world.
Creation of talented and trained professionals.



SOCIAL IMPACT

Development towards a new global society.
Increase the number of qualified professionals
that stimulate the national economy.



ECONOMIC IMPACT

Maintenance of already existing companies and
new upcoming opportunities.

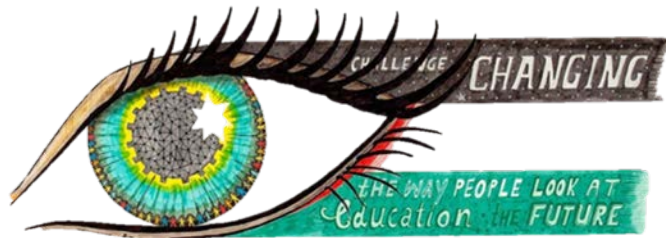


SUSTAINABLE IMPACT

Stimulate action over the next 15 years in the Five
Ps of critical importance: People, Planet,
Prosperity, Peace and Partnership.



jp.ik questions on EdTech integration for 21st century skills development

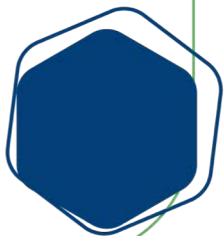


How far is **development** really addressed in Educational Technology projects?

How should education be addressed when **virtual and digital environments** enter the classroom space?

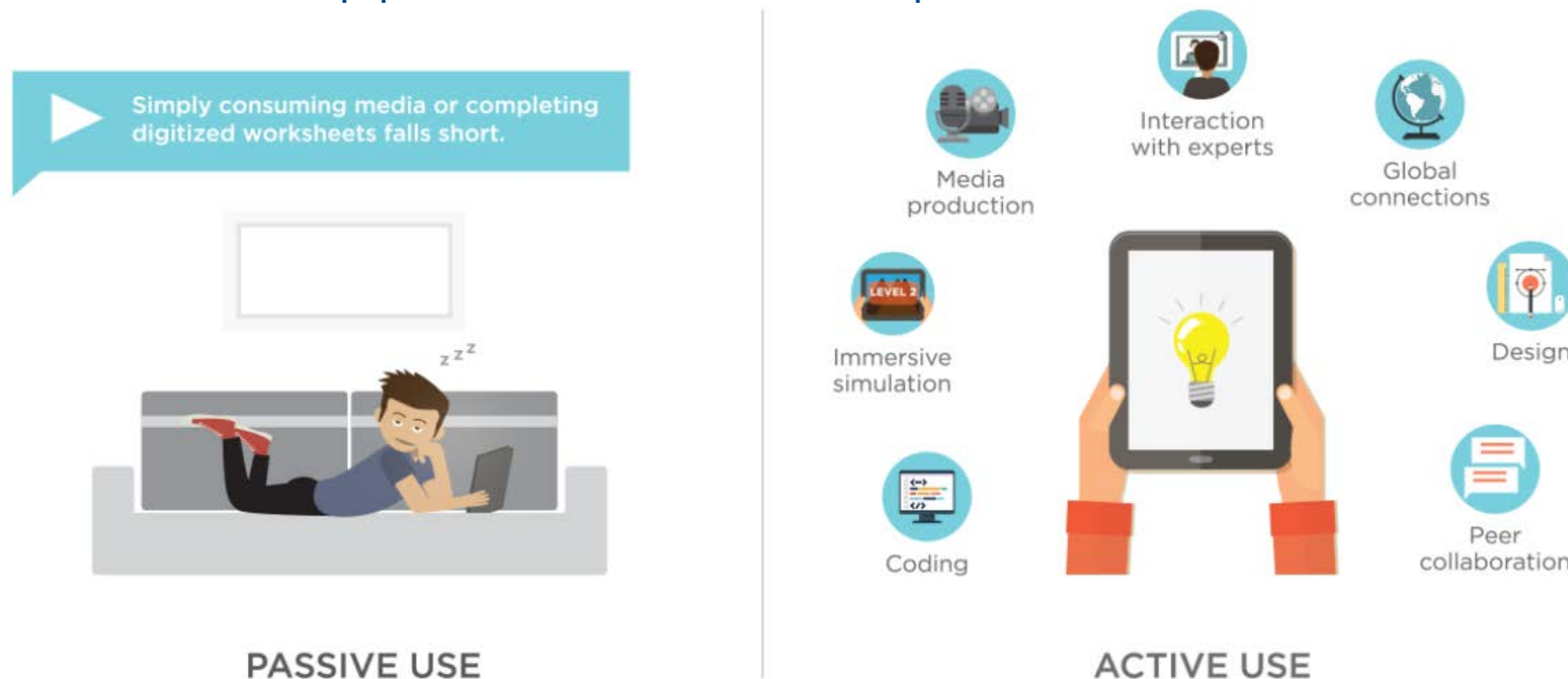
Do they create opportunities to intentionally enhance **exploration and learning**?

And how can **educational agents** be guided to systematically get the benefits that Educational Technology may bring?

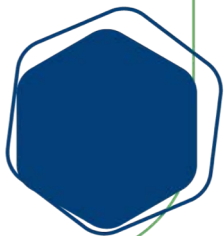


Engaging and Empowering Learning Through Technology

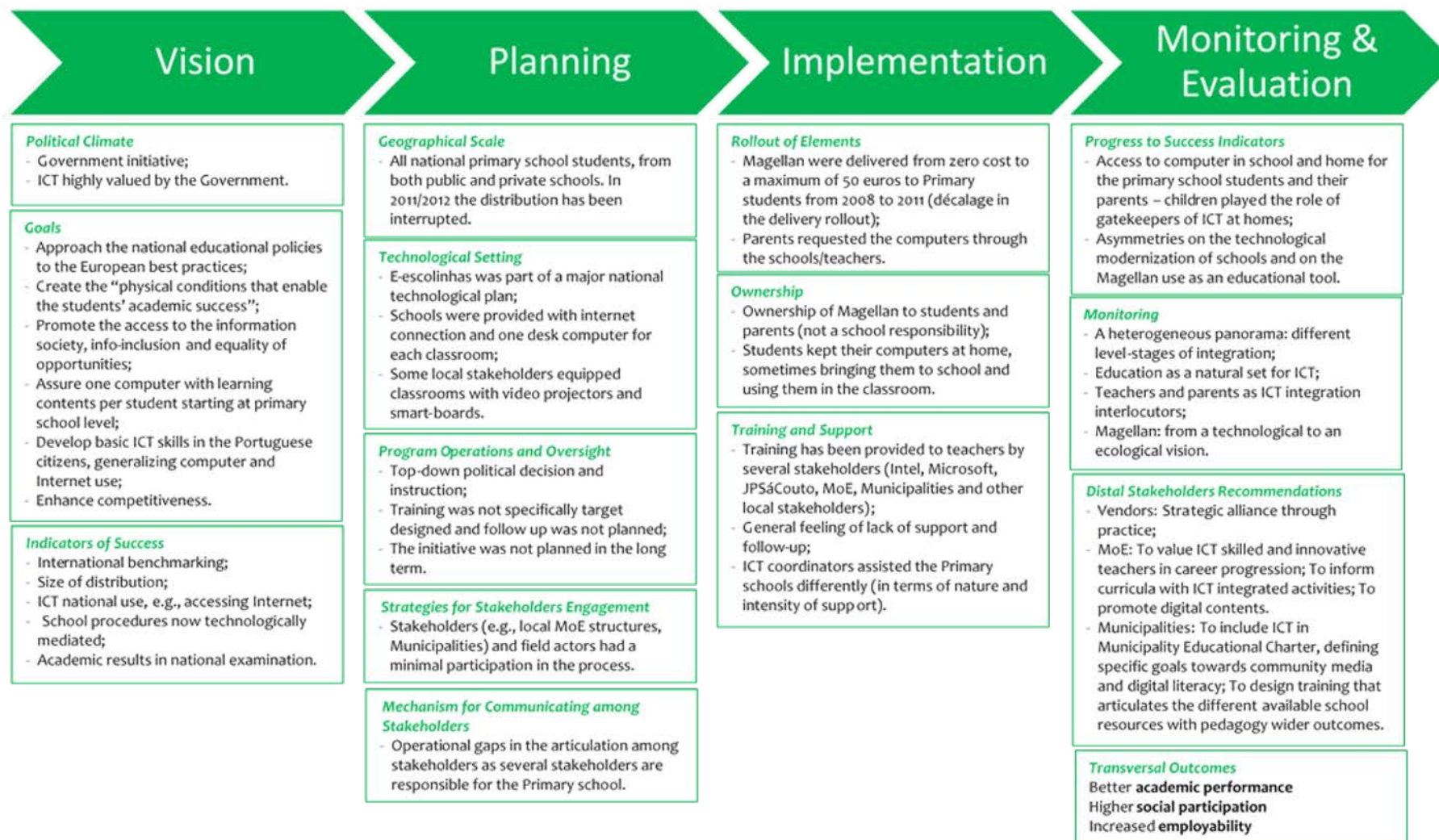
Learners need a deeper understanding how to apply technology and innovation in order to achieve desired results. Education systems, meanwhile, need to ensure technology curricula are kept up-to-date, while teachers need to have the opportunity to refresh their own skills and knowledge in order to keep pace with external developments.

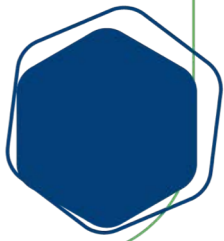


The use of technology should be embedded across the educational experience, to mirror the ways in which technology is now relevant to all sectors and careers.



Portugal: Education Technological Plan





Kenya: DigiSchool Programme

Training of Master Trainers, ICTA Champions & Teachers

Training 70 Moi Master Trainers

From April 2016



Eldoret



Nairobi

Training ICTA Champions

From the beginning of 2017



28
Counties

Training 6.872 Teachers

from August 2016





Kenya: Assessment phase

Absenteeism | “The children are motivated (...) the children are very excited, they want to manipulate the gadgets every time they come to school, so absenteeism has actually reduced”.

School Director, Kwashee School



Lifelong Learning | “It’s fast and it’s fun (...) the time is near for our retirement but I am feeling I want to stay (...) it keeps you and you pray it will continue and we pray you will bring to us more and more things”.

Teacher, Sparki School





EdTech projects' effectiveness on 21st Century Skills depends upon

- a **clear preliminary assessment** of needs and opportunities and a critical stakeholders alignment for **project design**
- an **integrated training approach** – entwining Pedagogy and Technology
- a **comprehensive framework** of prerequisites for Master Trainers selection and training – skills in Technology, Pedagogy and mentoring
- an **adjusted training duration** to the targeted content and expected outcomes
- a clear definition of **impact assessment domains** to understand the outcomes and learn how to improve and go further





EdTech projects' New challenges

- a **Digital Borns approach** start earlier to not transform in high dependent consumers **project design based on assessment**
- **Teacher and community empowerment** – entwining Pedagogy and Technology
- a **challenge** don't create user's or consumer's **create thinker's and producer's**
- Get and accept **Results**



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main projects and milestones

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Digital Literacy Programme, in **KENYA**

Engineering project, in **SOUTH AFRICA** that integrates a SKD Assembly Line

Engineering project, in **BOTSWANA** dedicated to the installation of a SKD Final Assembly

Engineering project, in **SENEGAL** that integrates a SKD and SMT Assembly and Product Management

Industrial unit inauguration, in **EL SALVADOR**

Inspiring Knowledge Education Software (ikES) launch

15

Education project driven by the Public Education Secretariat, in **MEXICO**

Education Project, in **ECUADOR**

Ibirapitá project, in **URUGUAY**

Industrial unit Inauguration, in **BOLIVIA**

Una Niña, un Niño, Una computadora, in **EL SALVADOR**

Pilot project, in **JORDAN**, teacher training focused on the Professional Development of Women

14

mymaga brand as a global brand for Education

Meu Kamba, in **ANGOLA**

Amigo Project, in **BRAZIL**

Pilot project, in **TIMOR**, installation of 4 classrooms and one teacher's room

13

Project Quipus, in **BOLIVIA**

Police Security Forces project, in **UK**, in partnership with TETRATAB

Lempitas Project, in **EL SALVADOR**

Pilot project, in **COLOMBIA**, teachers professional development

12

Popup School, First deployment

Meu Kamba, in **ANGOLA**

Project Escuela 2.0, in **GALICIA**

Project Balboa, in **PANAMA**

11

Conectar Igualdad, in **ARGENTINA**

Pilot project, in **MOROCCO**, teacher training at the "Maison de l' Enfant"

10

Netketabi, in **PALESTINE**

Plan Ceibal, in **URUGUAY**

09

Canaima Educativo, in **VENEZUELA**

08

Magellan, First education project in **PORTUGAL**