REINFORCING PARTNERSHIPS

SUCCESSFUL EDUCATION PROJECTS IMPLEMENTATION

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TRANSFORMING
EDUCATION through
TECHNOLOGY

TRANSFORMING
the **WORLD** through
EDUCATION

The world’s largest corporate sustainability initiative

A cal 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

provide access to quality, transformational and **universal education**, and through it, access to **equal opportunities** for **girls** and **boys**, in a more inclusive and global society

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Education 2030

THE GLOBAL GOALS For Sustainable Development

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Nº 1 IN THE WORLD IN IMPLEMENTING LARGE SCALE PROJECTS IN EDUCATION

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track record in a glance....

+14 million students reached	300 k teachers impacted	+20 large-scale projects

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students and teachers reached

main projects and milestones

08

Magellan,
First education project
n **PORTUGAL**

09

Canaima Educativo,
in **VENEZUELA**

10

Netketabi,
in **PALESTINE**

Plan Ceibal,
in **URUGUAY**

11

Conectar Igualdad,
in **ARGENTINA**

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

12

Popup School,
First deployment

Meu Kamba,
in **ANGOLA**

Project Escuela 2.0,
in **GALICIA**

Project Balboa,
in **PANAMA**

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

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

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

16

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

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our ambition

WORLD LEADER IN INTEGRATING TECHNOLOGY IN EDUCATION

EDUCATION Reference Design DEVICES

CLASSROOM and School SOFTWARE

Ability to design, execute and deploy PROJECTS WORLDWIDE

Our vision of an Educational Device

Recommended features for Student devices:

- Portability
- Resistance for a class environment (inside/outside school):
  - Drop resistant
  - Dust and liquid resistant
  - Durable and resistant external materials
- Battery life for a school day (6h-8h classroom average use)
- Fanless design
- High Quality screen
- Include accessories (Science Kit, Stylus for touch screen,…)
- Include Software ikES: IT SW, Classroom SW, Educational SW

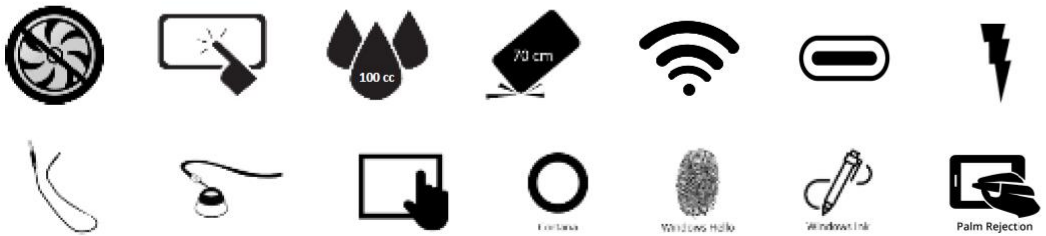
Ideal	Ideal	Ideal
Light Rugged + toy like design appealing Pre-loaded apps Touch Screen Intuitive Interface	Include Keyboard, a must for project based work Rugged important w/ take home 1:1 Begin our productivity usages Productivity SW	Performance to support multi-task Increased expectations of quality Balance rugged w/ design appeal Productivity SW Touch screen and stylus

PreK	K	1	2	3	4	5	6	7	8	9	10	11	12

Education Grades PreK 12

TURN T302

NEW



BROCHURE

11.6"
360°
CONVERTIBLE

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Highlights

- High Performance for a better productivity:
  - Intel® Celeron™/Pentium ™ inside.
  - Up to 8GB RAM.
  - WiFi ac 2x2.
- Active Stylus Pen - Windows Ink / Fingerprint – Windows Hello.
- Fanless design.
- Semi-Rugged Design built to last:
  - Drop resistant up to 70cm.
  - Liquid resistant 100cc keyboard-touchpad.
  - IP5x (screen).
- Fast Charge (Battery 70% - 1 hour).
- Includes Science Kit - Thermal Probe and Microlens.

Preloaded:

ikES
INSPIRING KNOWLEDGE EDUCATION SOFTWARE

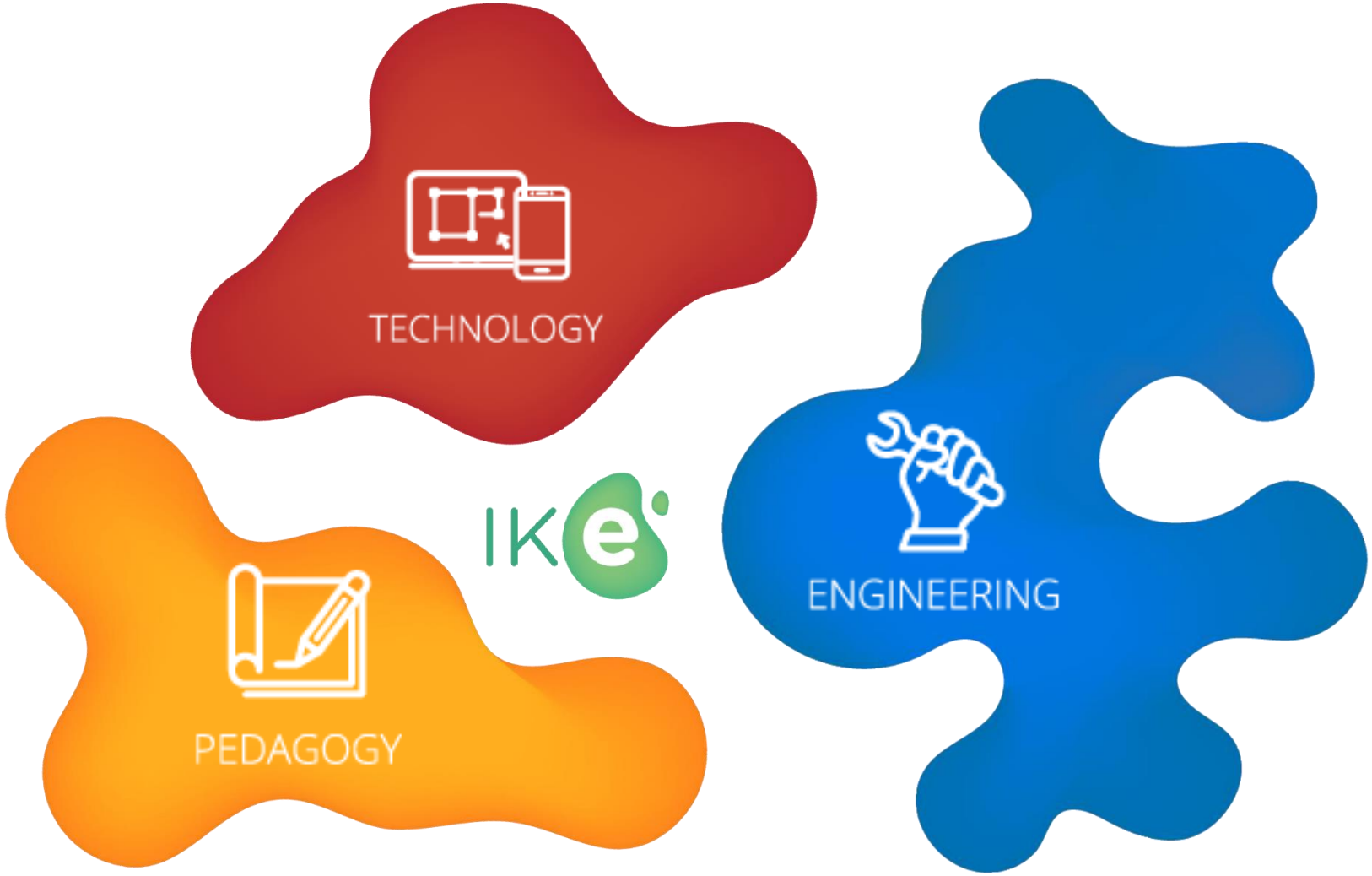
298.6(W) x 207.3(D) x 19.9(H) mm, 1.4Kg

GLOCAL

THINKING as a GLOBAL Company
Global **UNDERSTANDING**
ACTING as LOCAL Company
Local **INTERVENTION**

With a tiered approach
Customized solutions to address the **specific NEEDS** and context of **EACH COUNTRY** and client

the jp.ik sustainable approach



the jp.ik sustainable approach

THE GLOBAL GOALS
For Sustainable Development

Education 2030

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.

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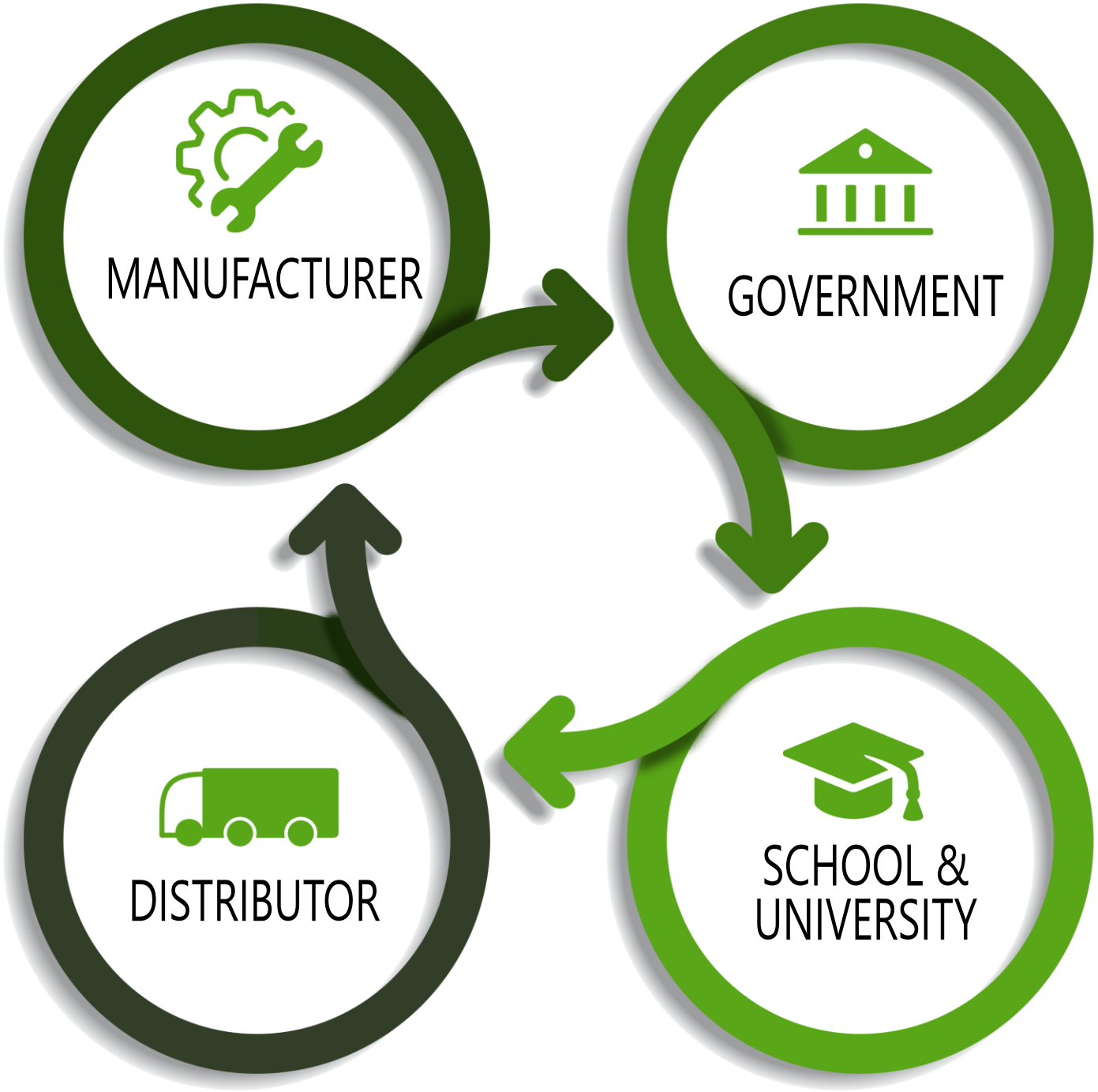
THE IMPORTANCE OF **LOCAL PARTNERSHIPS**

partnering local agents for a sustainable development of global projects



FROM THE FACTORY TO THE KNOWLEDGE CENTER

- PROJECT PLANNING
- **TECHNICAL SUPPORT**
- INDUSTRY CONSULTANCY
- **PROJET DESIGN & PROCUREMENT**
- SERVICES AND REPAIR CENTERS

AGREEMENT WITH LOCAL PARTNERS

MASTER TRAINING TRAINING ("HANDS-ON")

KNOWLEDGE CENTER

devices | software | deployment

developing **new streamlines of value to the industrial cluster**
creating **job opportunities**

Education 2030

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PROJECTS & APPROACHES

Digischool
Access to learning

Kenya

2016

Working for: 1 year

JP and Moi University emerged the winner in two of the three lots, covering 26 counties!

Digischool
Access to learning

KENYA: Digital Literacy Programme

Digischool
Access to learning

Kenya

2016

Working for: 1 year

Installation and commissioning of the Digital Learning Solution **in 14.000 public primary schools**

TECHNOLOGY

The implementation of a **proof of concept in 74 schools** across the country (POC)

Installation of 700.000 devices in public primary schools until 2017

Digischool
Access to learning

Kenya

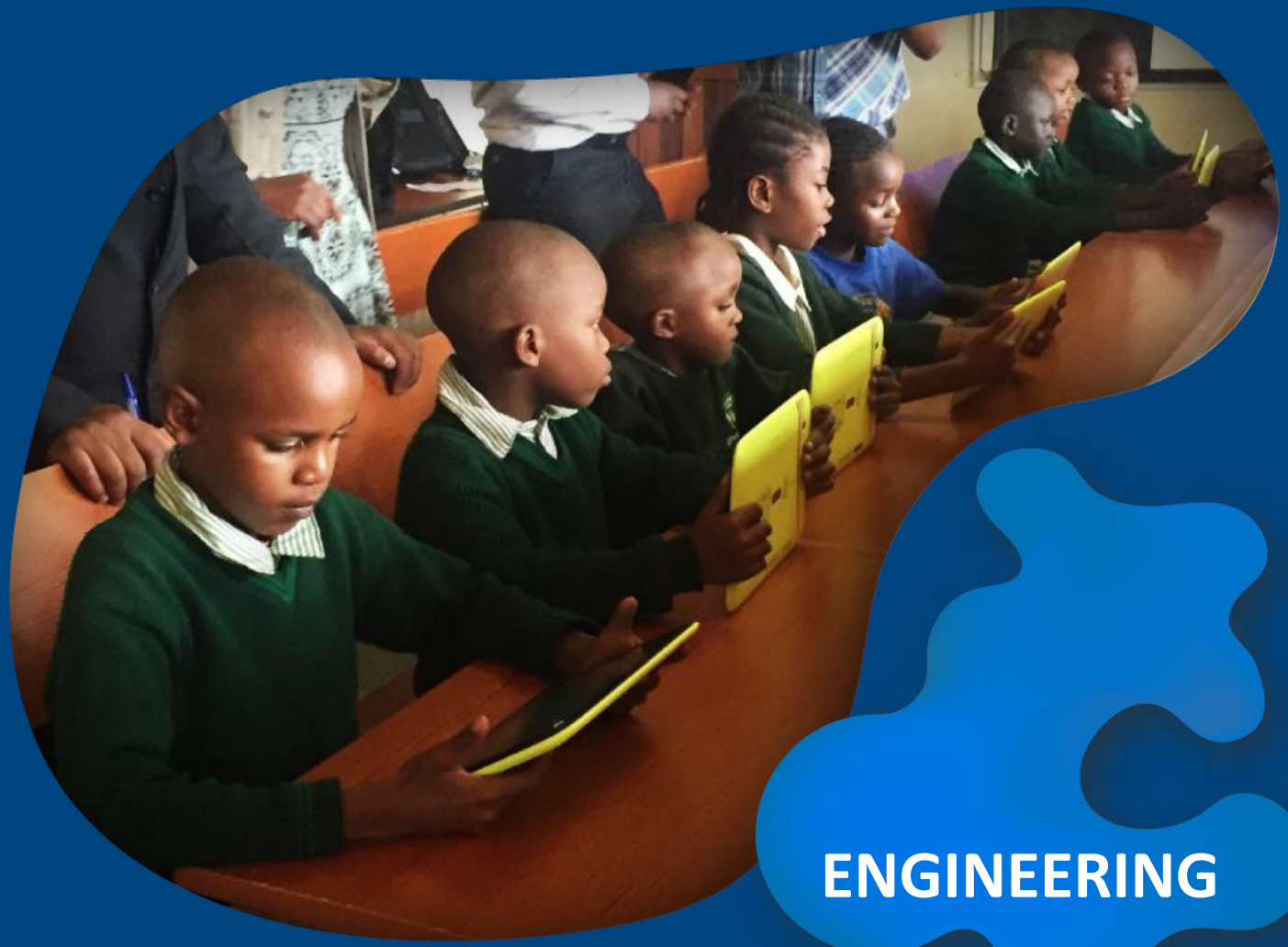
2016

Working for: 1 year

PEDAGOGY

Teacher training to more than **42.000** educators

Impact analysis evaluation



Digischool
Access to learning

Kenya

2016

Working for: 1 year

ENGINEERING

Deliver and **install** the procured **equipment**

Implement a **final assembly unit** for the production of educational devices and solutions at competitive prices

Provide functional and **technical support** in an appropriate **repair center**

BUT IT'S NOT ONLY ABOUT TECHNOLOGY

...it is about **innovation** and **insight.**
...it is about **connections**, **interaction** and **engagement.**
...it is about **education** and **learning.**
...it is about creating more **opportunities.**
...it is making it available to every person, every child.
...it is having **opportunity** to choice.
...it is taking tools to evaluate what is beneficial and meaningful.

...IT IS ABOUT THE FUTURE OF THE NATIONS

jp.ik popup school

PURPOSE DESIGN &
ENGINEERING TO
ENHANCE COMMUNITIES
THROUGH **EDUCATION**

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a building that can be installed anywhere according to the local and community needs.

more than one school (by day) ...
... a community center (afternoon, evening and weekends).

ideal solution for building schools in more remote regions, **preventing children from having to travel long distances**, **guaranteeing access to education**.

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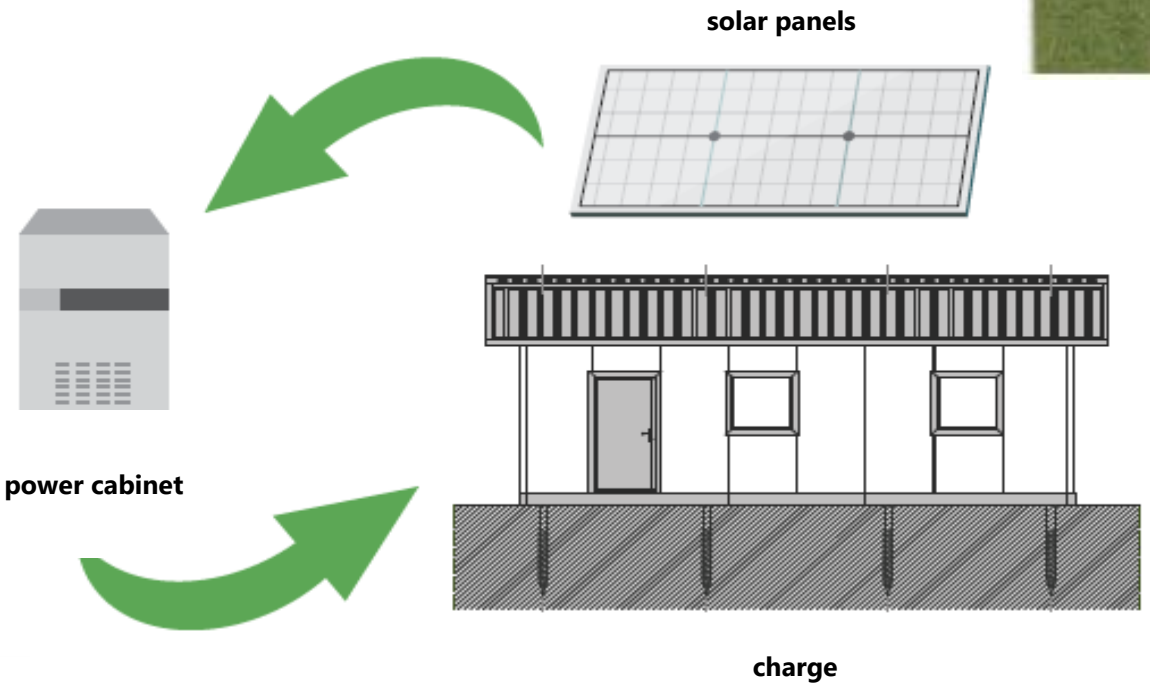
Solar Panels

Photovoltaic & batteries assembly



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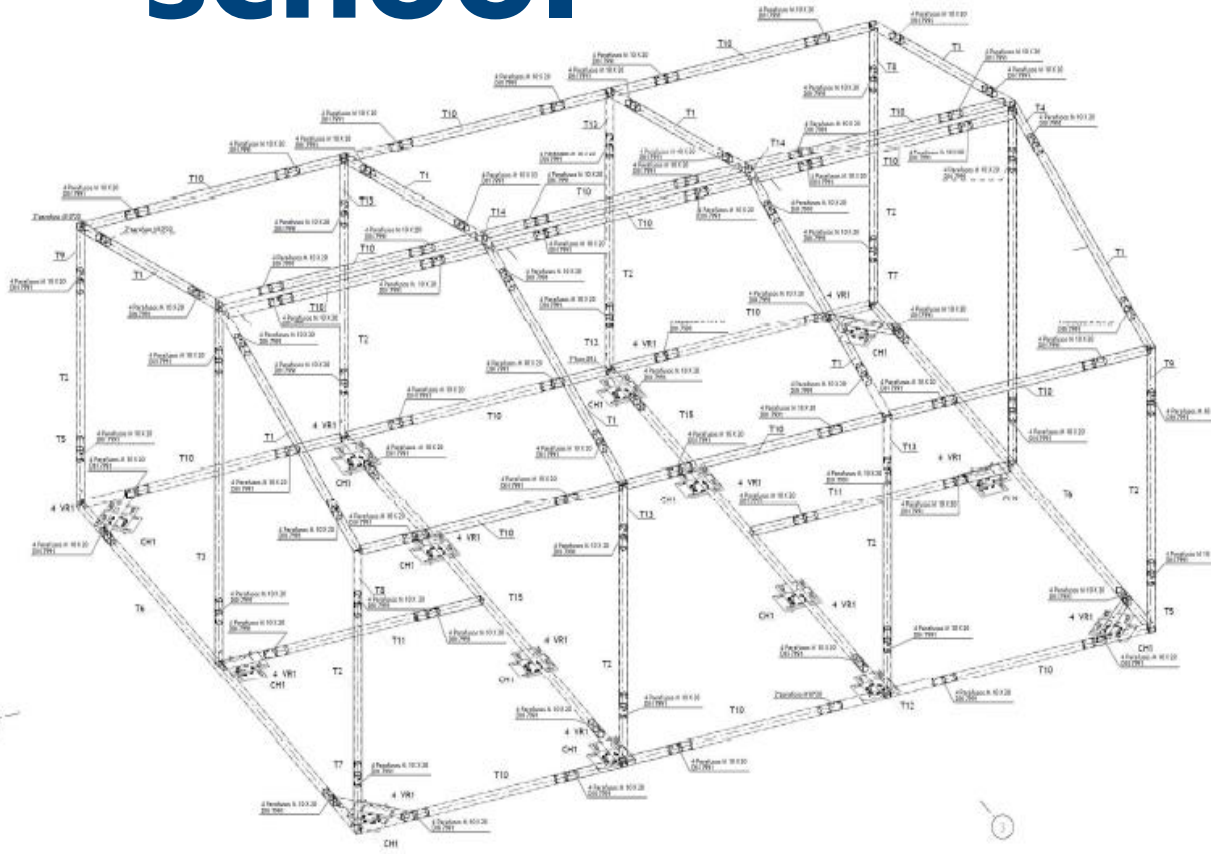
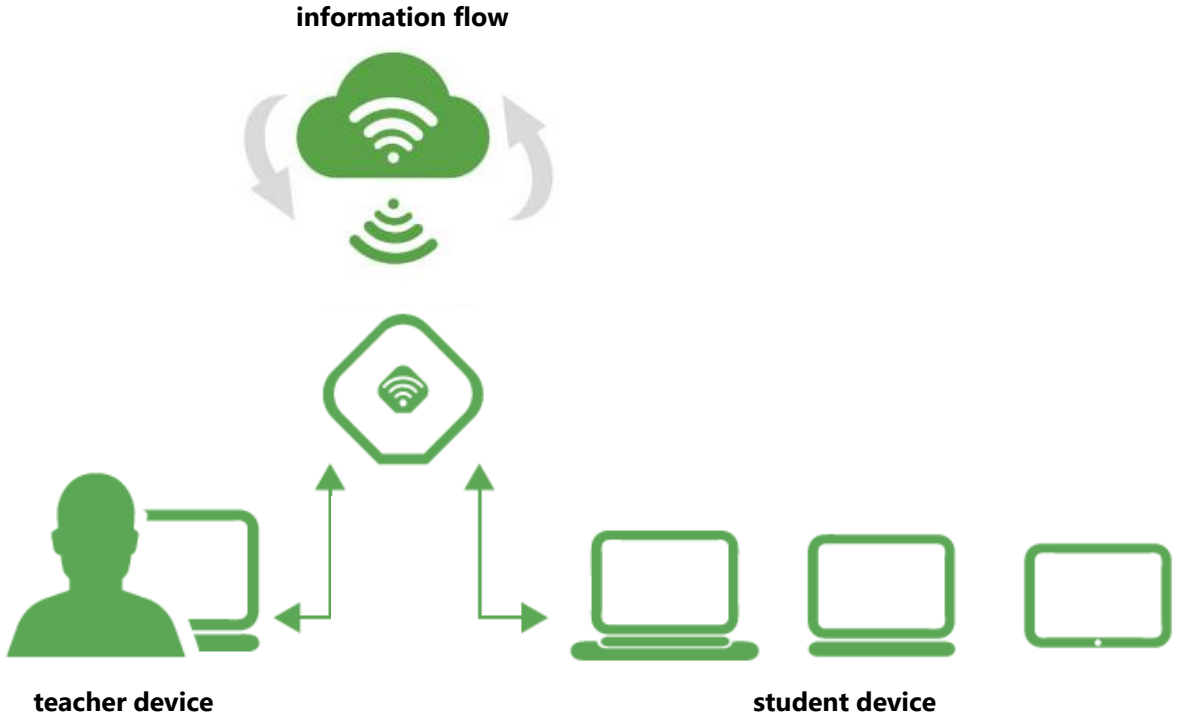
CONNECTED TO THE WORLD

Complete technological system that includes IT infrastructure.





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13 POC

AROUND THE WORLD

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COUNTRY X, Education in a glance…

27 Millions

Population

More than 16 millions of population; 42 percent of the population living in urban areas, the widespread provision of effective social services, including education is a considerable challenge.

7 Millions

Students

Basic education – Primary level up to grade 7;
8 millions of students
Secondary (Junior – Grade 8 to 9 // Senior – Grade 10 to 12);
1 million of students

3,8%

GDP

GDP growth rate (2016) – 3,8%
per capita GDP (2016) - 411,28 USD

129 Thousand

Teachers

+ 129k teachers in the Basic Education and Secondary.
Many challenges in terms of inadequacies in infrastructure, institutional and human capacity including critical shortage of teachers especially in rural areas.

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PROJECT GLOBAL GOALS

1.000 NEW CLASSROOMS

100.000 STUDENTS WITH A NEW CLASSROOM

10.000 STUDENTS WITH TECHNOLOGY

100 CLASSROOMS WITH TECHNOLOGY

5.000 DEVICES FOR STUDENTS

1 YEAR DEPLOYMENT

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more than a school (by day)….

… a community multimedia center (by night and weekends)

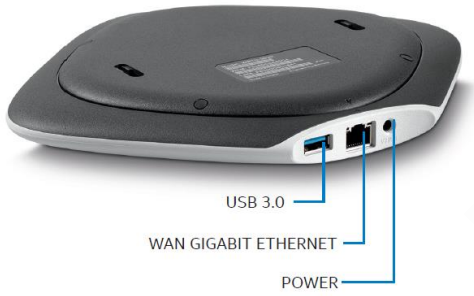
… a mobile network signal diffusion antenna

MULTIPURPOSE USE

more than just a school, **this solution can be the center of the whole community**.

It can be used as a **training center**, a **health unit**, a **cyber center** (mobile phones charging stations) or a **community center**.

choosing **the right usage model depends on the characteristics of the location and the needs of the surrounding community**.



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ClassRoom Server
CAP – content access point

comprehensive solution
access point + content server available on the device.
allows easy access to digital content **up to 50 devices** simultaneously.

flexible
for use **in different connectivity environments** - **wired, wireless, or offline.**
multiple internet connection options, including **3G support** or to **use as a hotspot**.

available
battery backup provides **up to 5 hours** of continuous use, even if there is a power outage.

content management
educators can create classes/workshops **using any content** that has been **preloaded** by a central system **or their own content**.

easy-to-use interface
makes it easy for educators/directors community center **to publish content quickly for all community to access** materials simply by starting a web browser.

portable
can be **easily transported** to community spots.

customizable
content can be tailored to meet the specific needs.

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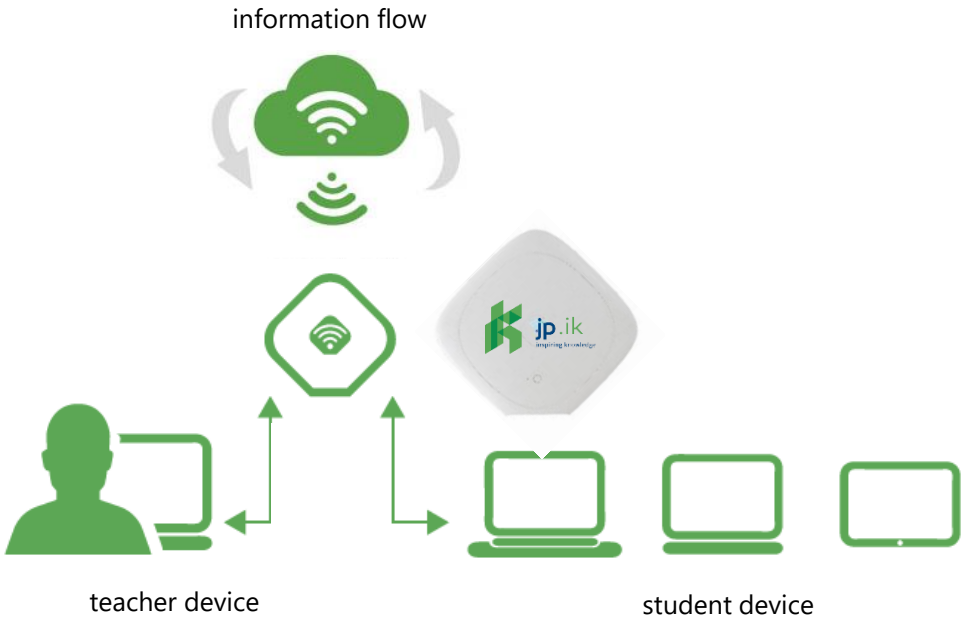
Connectivity



connected to the world
complete technological **system** that includes **IT infrastructure and GSM Antenna to Broadcast Mobile Network**.

CAP - content access point
designed for **3G access in case of network coverage** and as **storage and distribution of digital content offline**.

It is the **ideal equipment for areas with little or no connectivity**. With its **own storage** it can make pre-determined contents available to the population, creating a Wifi zone (local Hotspot).

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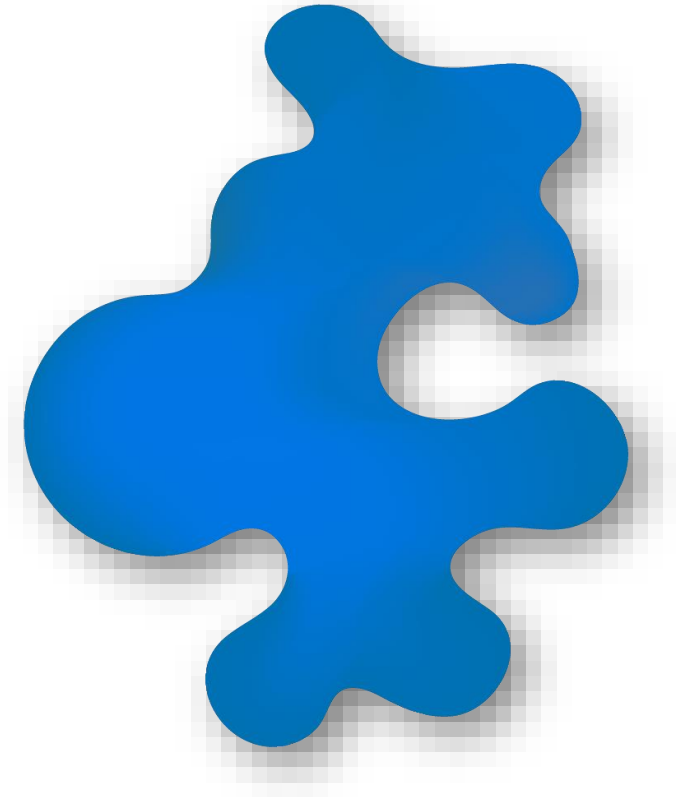

Building a school campus for 500 students based on the technology developed for our concept of modular Popup School, up to 2000 m² of modular construction!

the use of a **popup classroom can be repeated** in order to **create a more complex set of elements**, resulting in small or large **clusters of classrooms and additional functions**.

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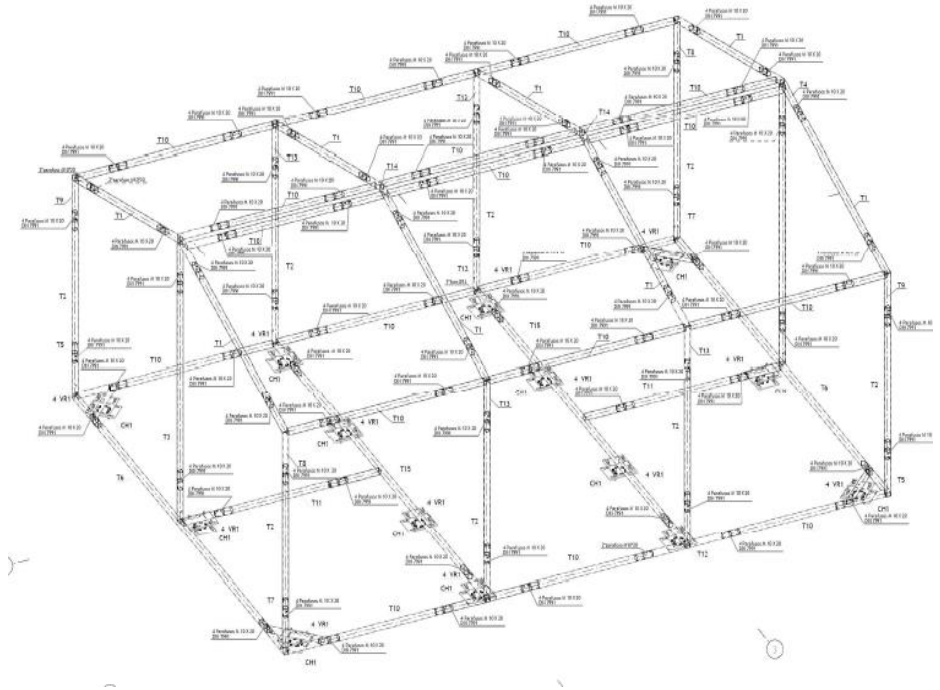


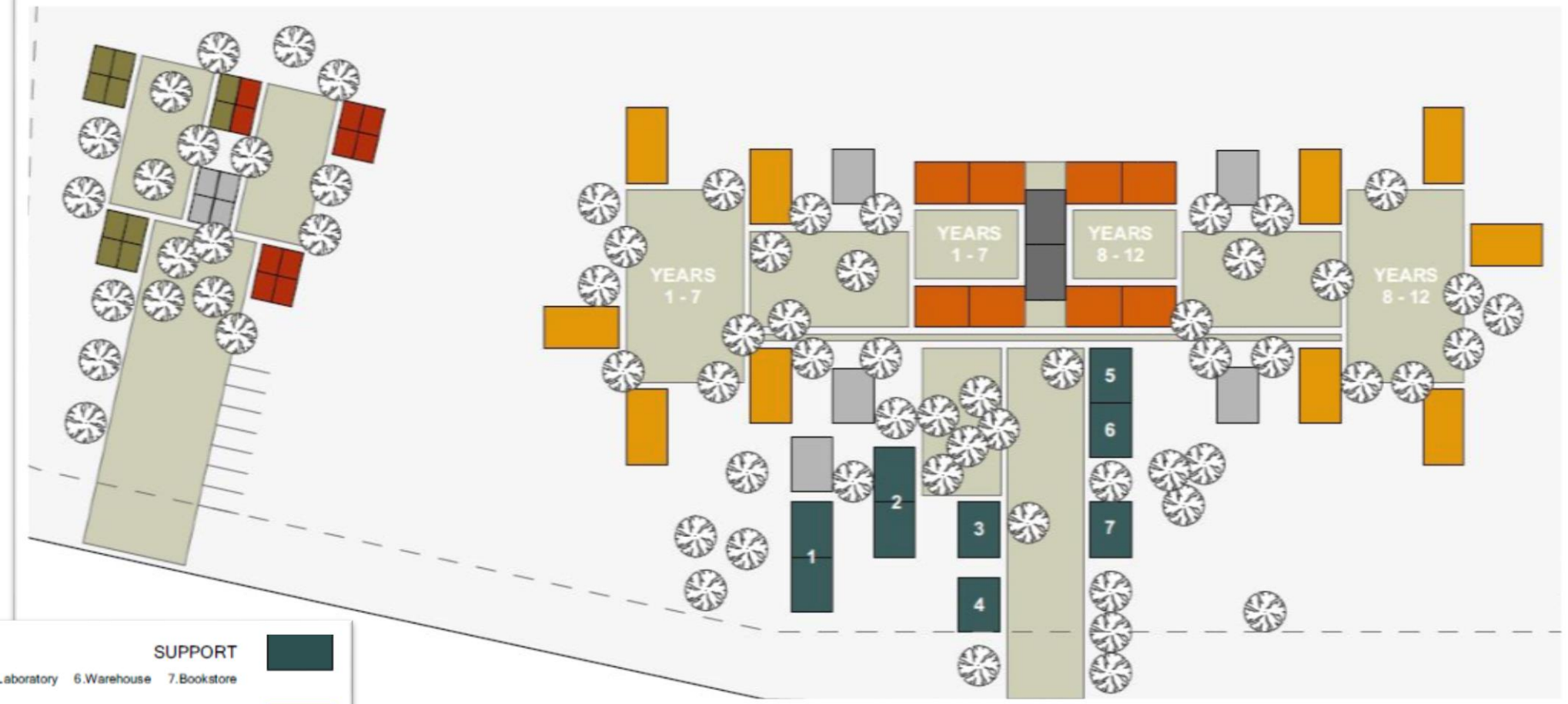
PROJECT GLOBAL GOALS

10 CLASSROOMS FOR 50 STUDENTS EACH

1 LABORATORY TO DIGITAL CLASSROOMS

1 CLINIC FOR **HEALTH SUPPORT**

AREAS TO SUPPORT THE CAMPUS ACTIVITY:
ADMINISTRATIVE SERVICES, **CANTEEN/KITCHEN**, **TEACHER ACCOMMODATION**



SUPPORT

1.Teacher's Lounge 2.Administration 3.Clinic 4.Reception 5.Laboratory 6.Warehouse 7.Bookstore

CLASSROOMS

CANTEEN

KITCHEN

TOILETS / BATHROOMS

TEACHER'S ACCOMMODATION - Female

TEACHER'S ACCOMMODATION - Male

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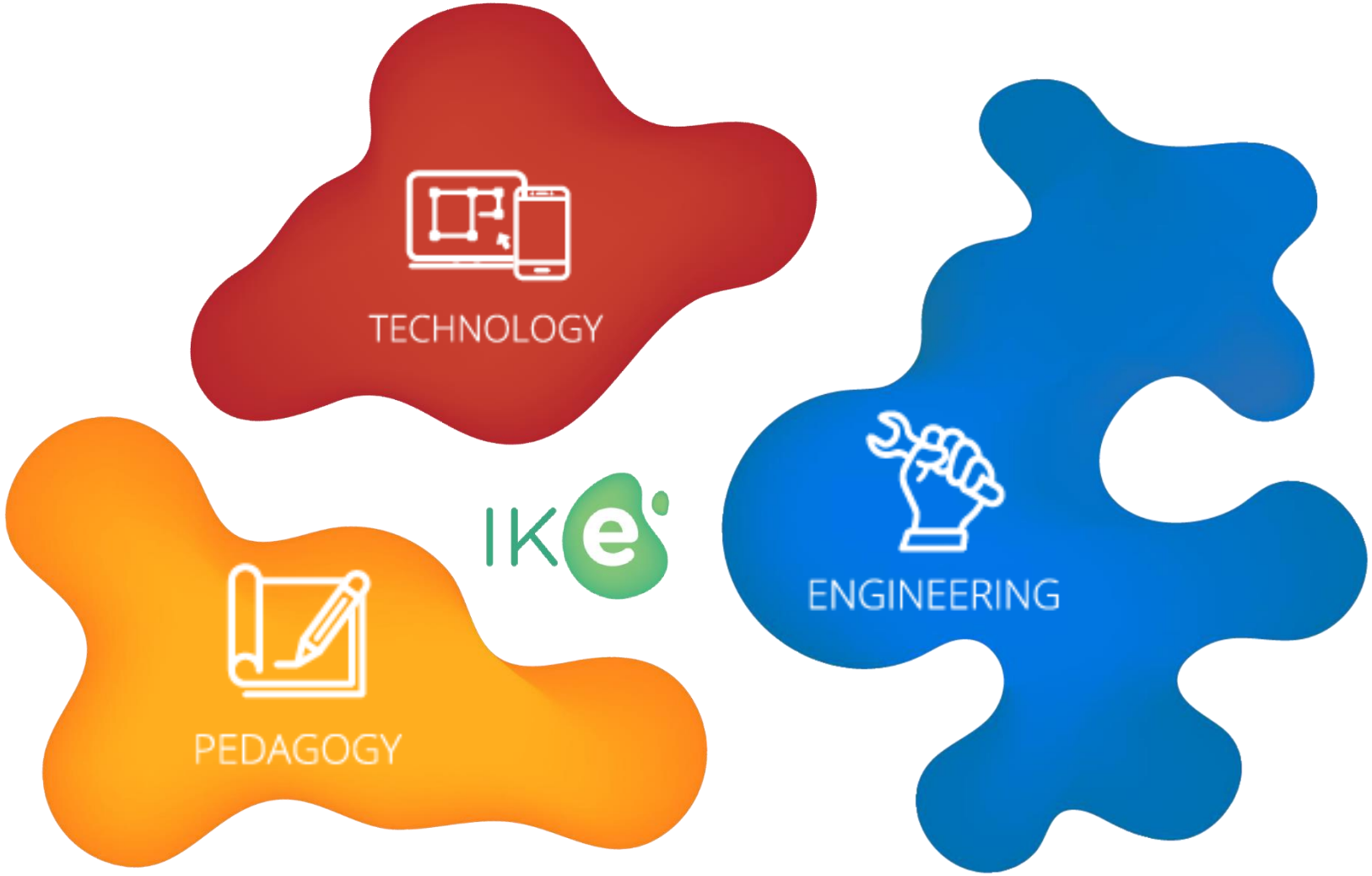

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