DIGITAL TRANSFORMATION LABS: THE FUTURE OF EDUCATION

Alex Liao
Chief Business Officer

jp.ik
inspiring knowledge

ABOUT US

+17M
students

+320K
capacitated teachers

+110K
equipped schools

With more than 30 years of experience jp.ik, is a Portuguese Company and the business unit for Education of **jp.group**.

From Portugal to the world, jp.ik in 2008 launched **the world's first national Edtech initiative**, in Portugal, democratizing social inclusion and access to education.

jp.ik

ABOUT US

Today jp.ik is an Education Reference Design and world leader in EdTech solutions and Education Services.
jp.ik along strategic partners such as Intel® and Microsoft , has developed an Inspiring Knowledge Ecosystem.

jp.ik is an UN Global Compact alliance member.

WORLDWIDE EDUCATION PROJECTS

Angola
Argentina
Armenia
Austria
Azerbaijan
Bangladesh
Belgium
Benin
British Virgin Islands
Bolivia
Bosnia and Herzegovina
Botswana
Brazil
Bulgaria
Burkina Faso
Cape Verde
Chile
China
Colombia
Costa Rica
Comoros
Cote d'Ivoire
Curaçao
Cyprus
Czech Republic
Denmark
Djibouti
Dominicana
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial
Finland
France
Gambia
Gabon
Georgia
Germany
Ghana
Guatemala
Guinea
Guinea Bissau
Honduras
Hungary
Indonesia
Iraq
Ireland
India
Israel
Italy
Ivory Coast
Jamaica
Jordan
Kenya
Kazakhstan
Kuwait
Latvia
Lesotho
Lebanon
Lithuania
Malaysia
Macao
Malawi
Malta
Mauritius
Mexico
Mongolia
Morocco
Mozambique
Namibia
Netherlands
Nigeria
Norway
Occupied Palestinian Territory
Oman
Pakistan
Panama
Paraguay
Peru
Philippines
Poland
Portugal
Puerto Rico
Romania
Russia
Rwanda
Sao Tome and Principe
Saudi Arabia
Senegal
Seychelles
South Africa
Spain
South Sudan
Sri Lanka
Sweden
Switzerland
Thailand
Taiwan
Tanzania
Trinidad and Tobago
Tunisia
Turkey
Timor Leste
Uganda
Ukraine
United Arab Emirates
United Kingdom
Uruguay
USA
Uzbekistan
Venezuela
Zambia
Zimbabwe

+100

countries

WORLDWIDE EDUCATION PROJECTS

Uruguay, 2009 - 2023

5 000 000 students
1 144 561 devices

Plan Ceibal
Uruguay

A taylor-made project for inclusion and equal opportunities with the aim of supporting Uruguayan educational policies through technology.

All children entering the public-school system have access to a computer for personal use with a free Internet connection from the educational institution.

The biggest project for Microsoft in the region!

The initiative acquired 57,500 devices bundled with Intune licenses. By equipping students with devices preloaded with educational resources and secure management, the Ceibal Plan reaffirmed its dedication to comprehensive digital education.

WORLDWIDE EDUCATION PROJECTS

Kenya, 2016 - 2019

700 000 students
14 000 primary schools
42 000 teachers capacitated

Digischool
Access to learning

From the eight suppliers in competition, the consortium of jp.ik and Moi University won two of the three lots, covering 26 counties.

This education project integrates the installation of our leading technological solution for Education in 13.700 of a total of 22.000 public primary schools and the delivery of 695.000 devices to young students and capacitated more than 30.000 teachers.

This project includes an assembly unit, allowing most equipment to be assembled in Kenya and promoting technological development in the country, ensuring the continuity of this project.

WORLDWIDE EDUCATION PROJECTS

Portugal, 2020 - 2022

COVID-19 outbreak

549 000 devices

When the outbreak of COVID-19 began in March 2020, schools were forced to close, leaving thousands of students with no access to education.

The Portuguese Government launched the initiative ‘Digital School’ to provide every student with a laptop and connectivity for remote learning. jp.ik, through the Telcom operator Altice, won part of the public tender to supply nearly a third of all devices needed, mainly for primary school students.

WORLDWIDE EDUCATION PROJECTS

Botswana, 2021 - 2022

27 500 student devices
2300 teacher devices

Republic of Botswana
Ministry of Education and Skills Development

EMPIRE SYNERGY

Supply and Delivery of ICT Equipment's for Trainers

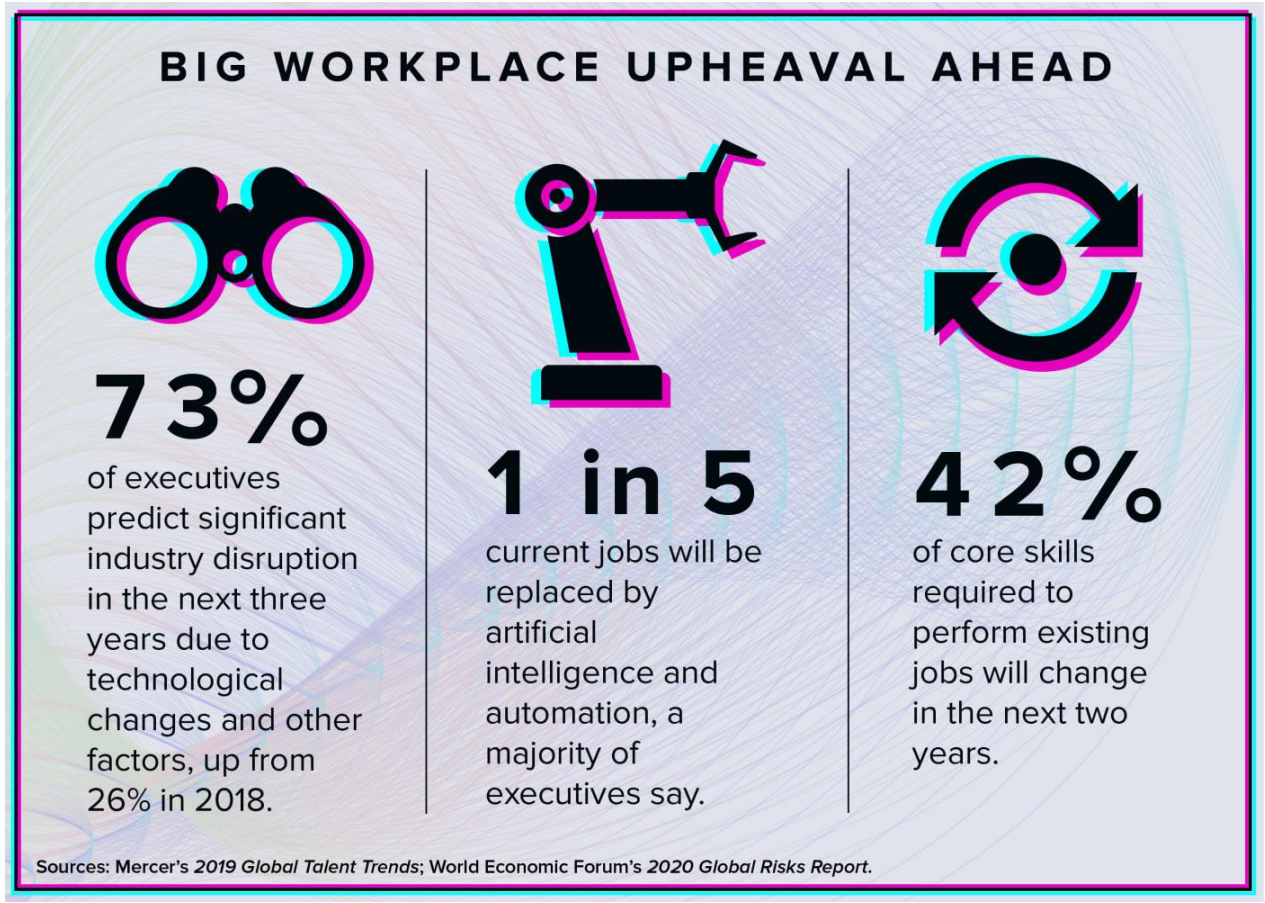
Launch of an Engineering project in Botswana.

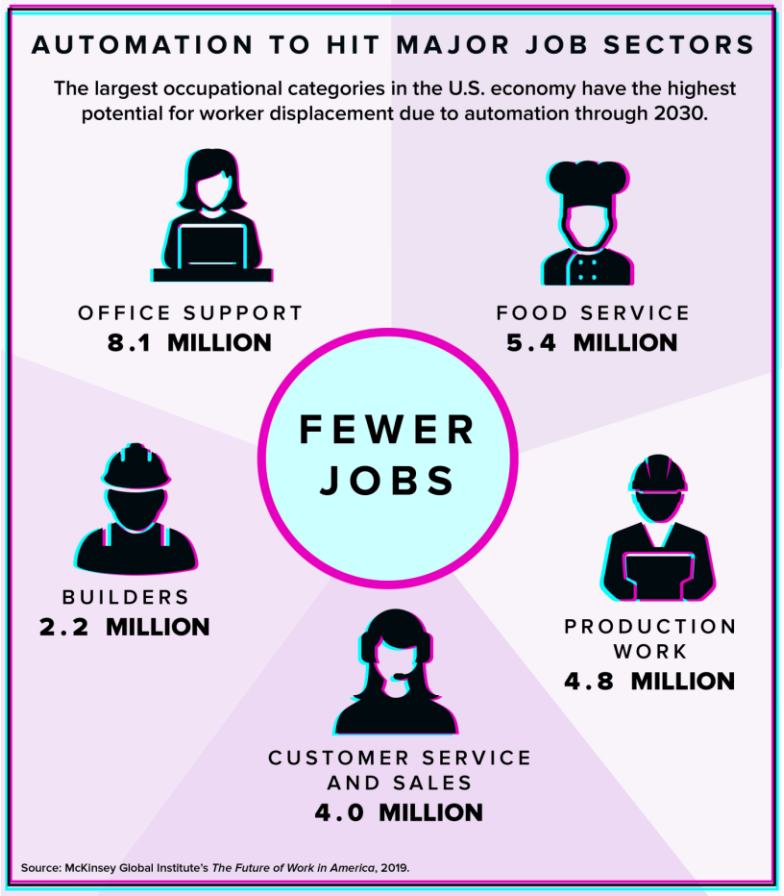
A tender launched by Ministry Of Education and Skills Development.

Supply, Installation, and configuration of local area network (wired and wireless) and ICT equipment's (e-Content) for primary schools.

Installation of an SKD Final Assembly prepared to produce devices.

THE IMPACT OF TECHNOLOGICAL CHANGE ON JOB CREATION





DIGITAL TRANSFORMATION LABS

STRATEGIC GOAL

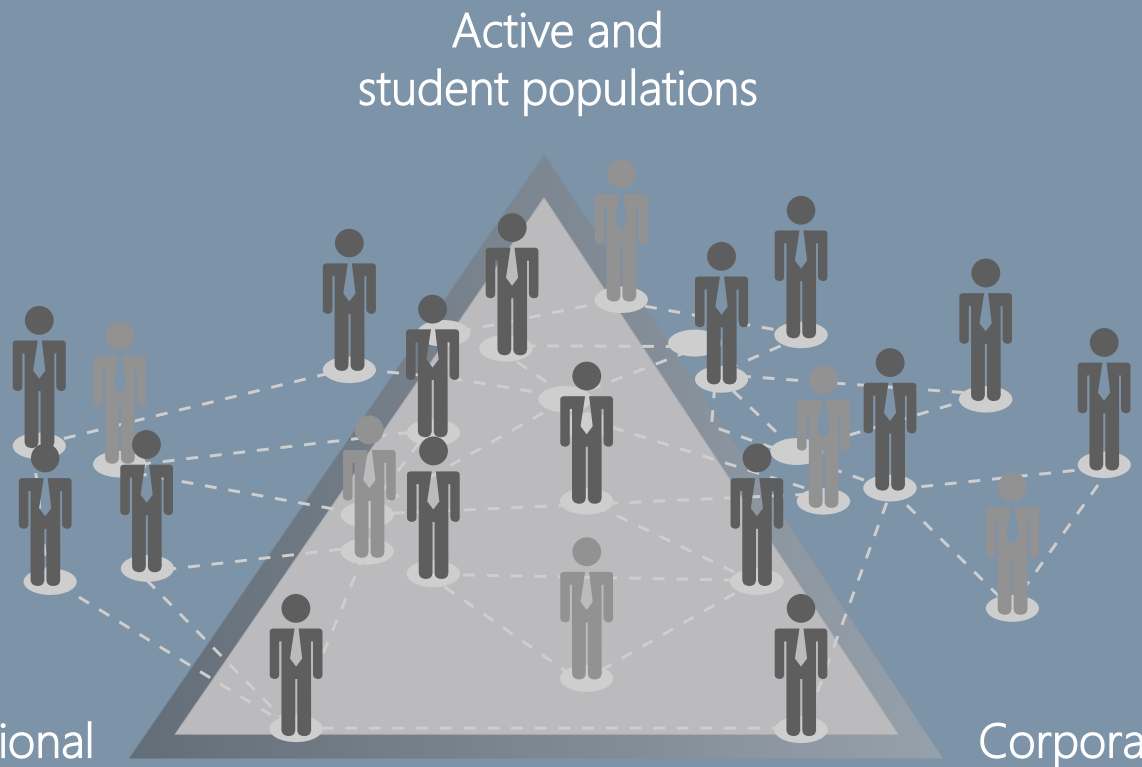
Increase the responsiveness of the education and training system to combat social and gender inequalities and increase the resilience of employment, especially for young people and adults with low qualifications.

SCOPE

Modernization of the offer of educational and vocational training establishments.

DIGITAL TRANSFORMATION LABS

Stakeholders



DIGITAL TRANSFORMATION LABS

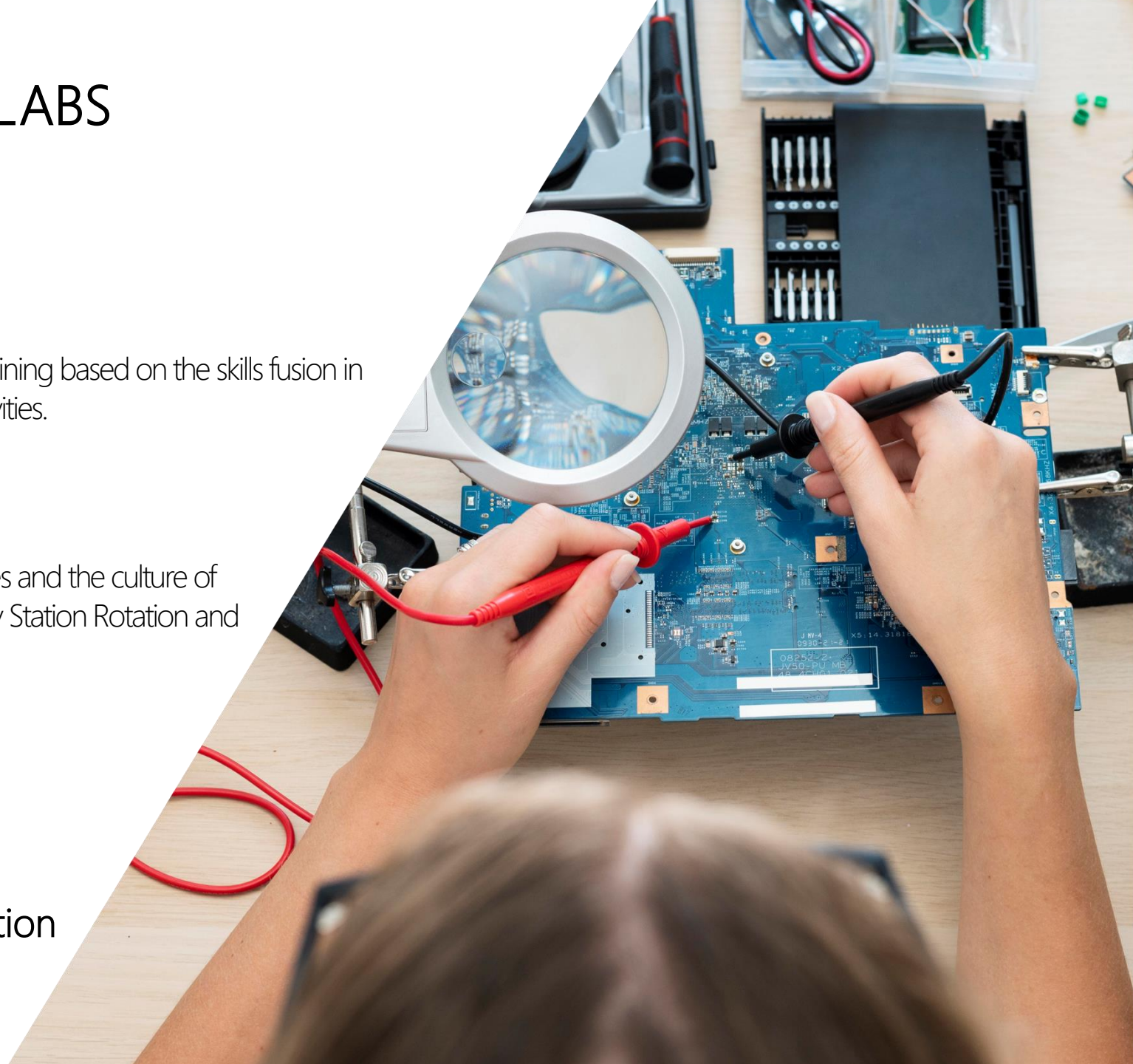
Framework

A multidisciplinary didactic solution aimed at professional training based on the skills fusion in emerging technological sectors and highly employable activities.

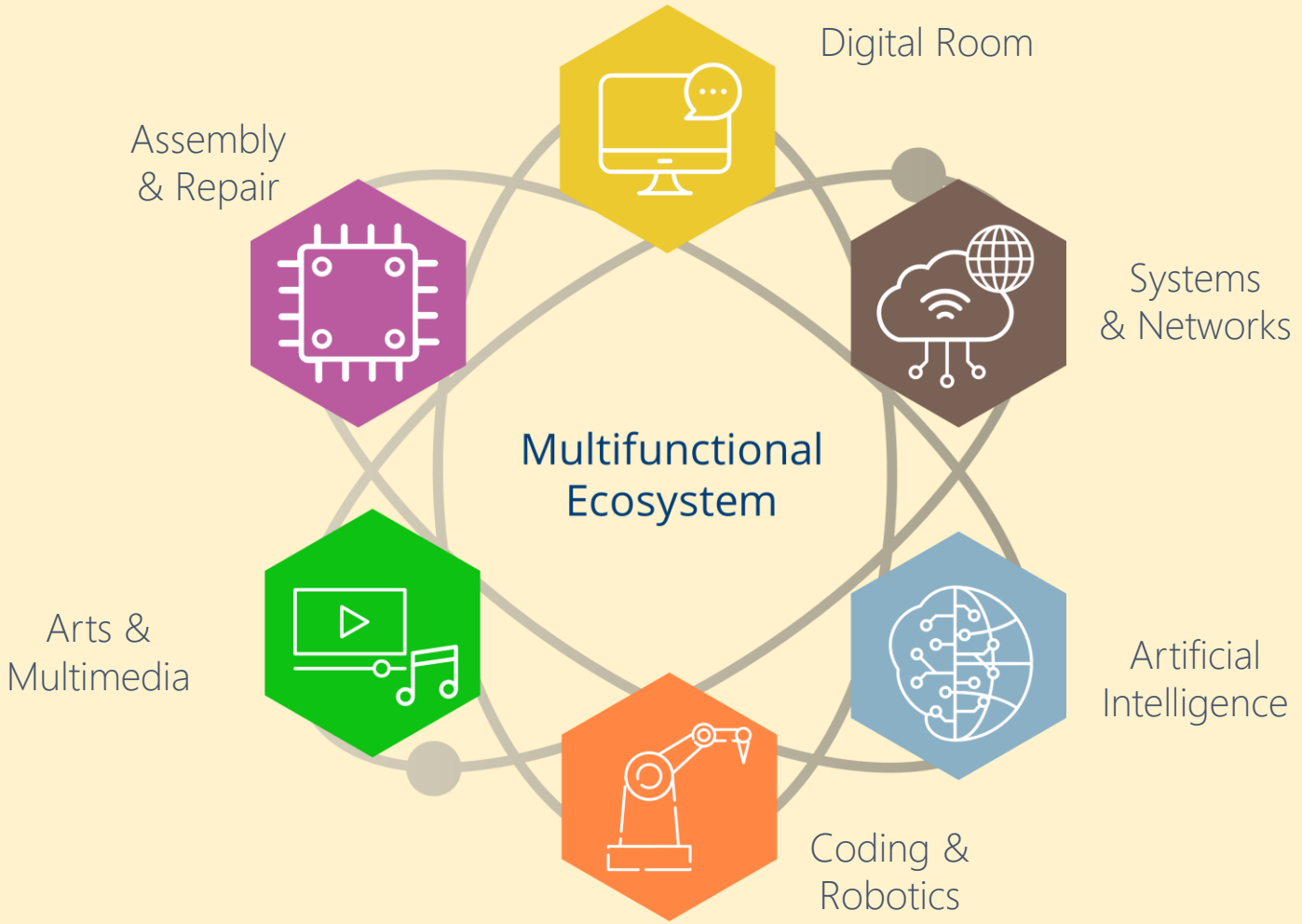
Designed to be stimulating and demonstrate good practices and the culture of Project Based Learning (PBL) and Know-How, supported by Station Rotation and Collaborative Models.

Collaboration

Station Rotation



DIGITAL TRANSFORMATION LABS



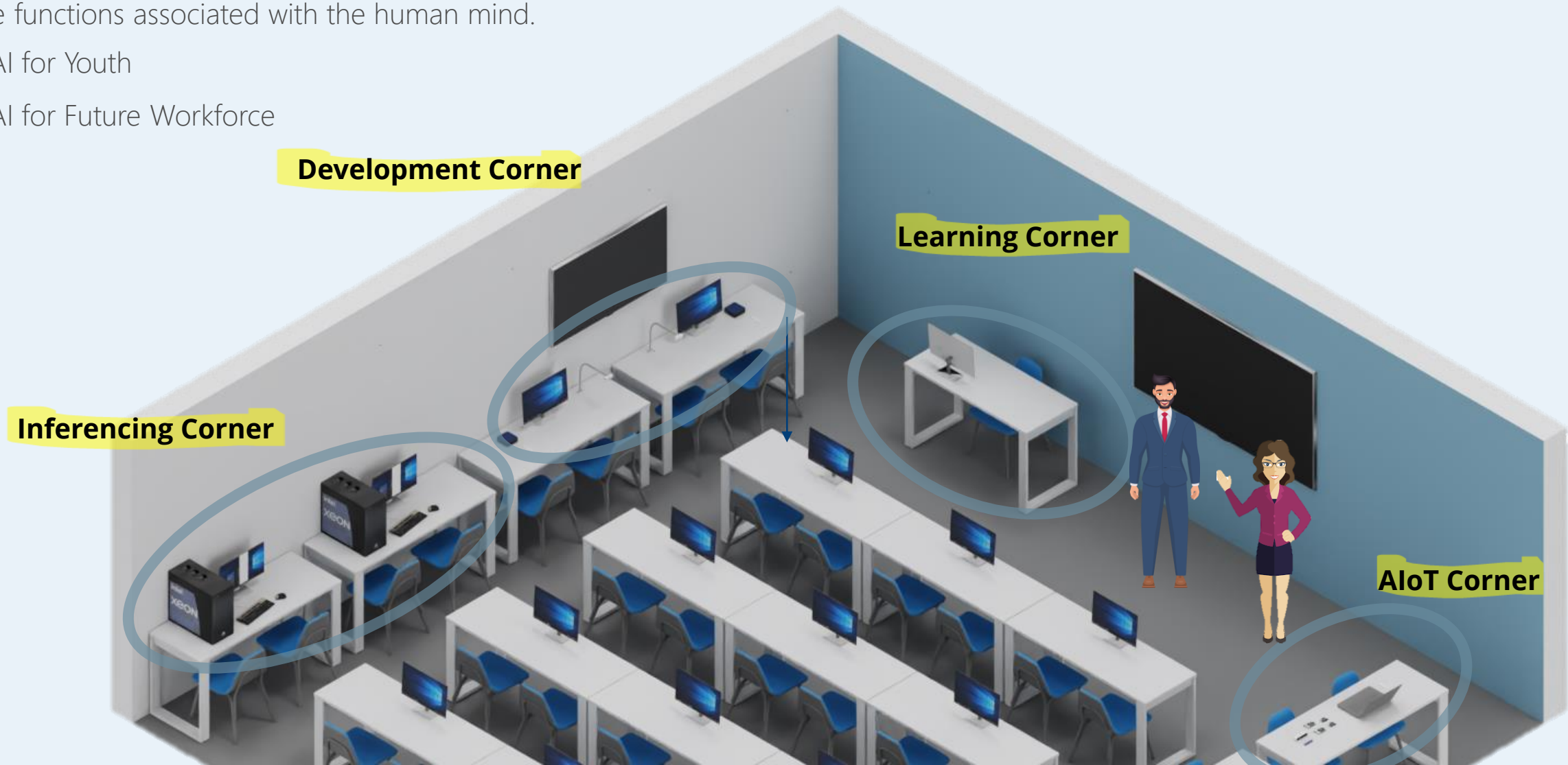
Atom structure interactions leveraging experiences by simulating real case scenarios

ARTIFICIAL INTELLIGENCE

AI enables machines to learn from experience with data & perform cognitive functions associated with the human mind.

Intel ® AI for Youth

Intel ® AI for Future Workforce



ASSEMBLY & REPAIR

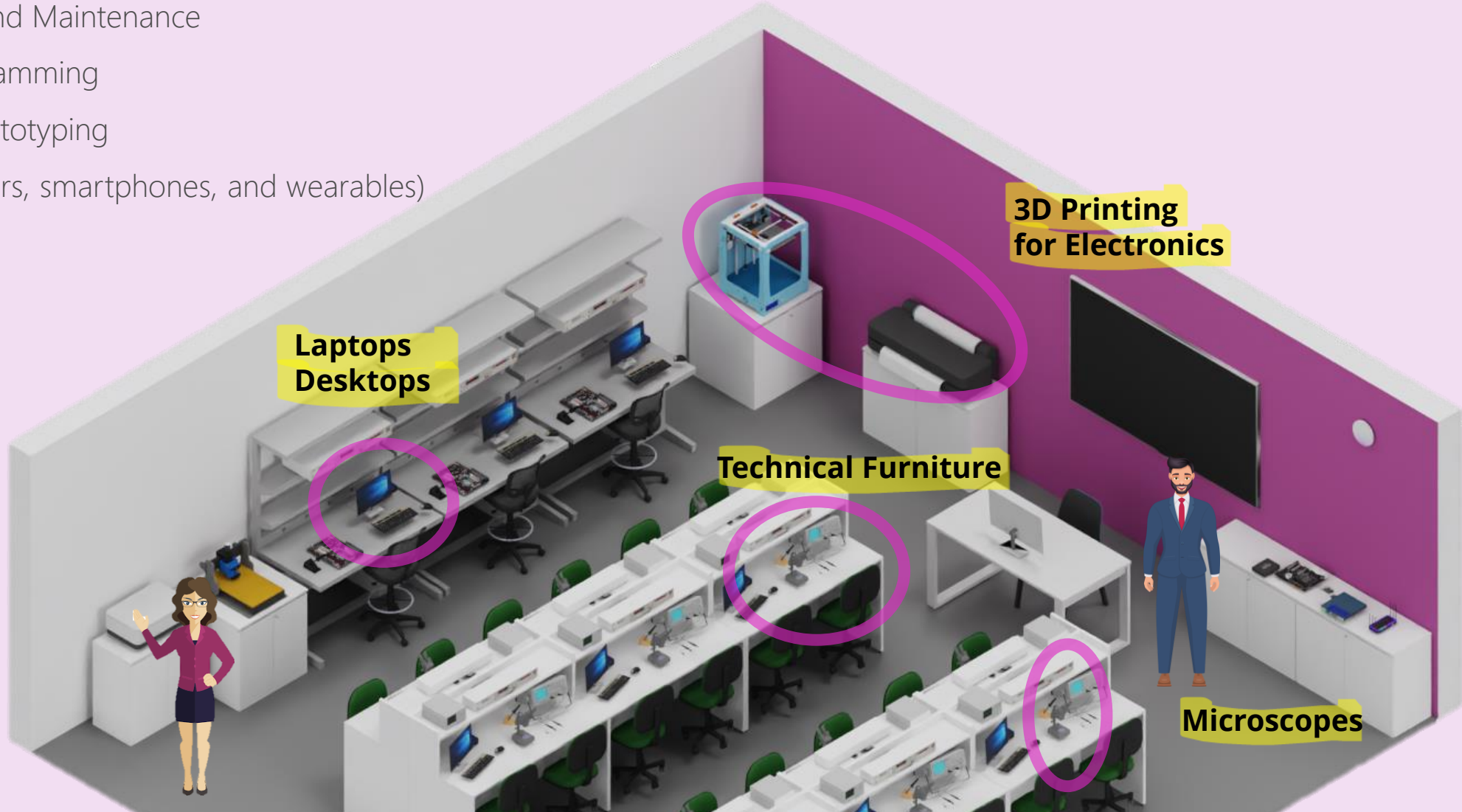
Electronics & Digital Systems

Hardware Development and Maintenance

Embedded Systems Programming

PCB Design and Rapid Prototyping

Precision Repair (Computers, smartphones, and wearables)



CODING & ROBOTICS

Industry 4.0 (Control & Automation Systems)

Collaborative Robotics (pick & place, dispensing and palletizing)

Industrial IoT (IIoT) Skills & PLC Programming Autonomous

WRAPPING-UP

1. Leveraging transferable skills towards career transformation
2. Bringing the vital skills for the future of work
3. Adopting new technologies influence in job creation

THANK YOU!

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