



ICT/AI Entrepreneurial Project for Wealth, Environment and Peace

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The context: **Kenya** (and East Africa)

- **young and willing** to build a better country
- fast **developing**
- considering the **environment as an opportunity**
- **open to innovation**
- **growing skills**, still poorly exploited
- need to **improve people wealth**
- **inequalities**
- facing regional **instability** and **peace threats**

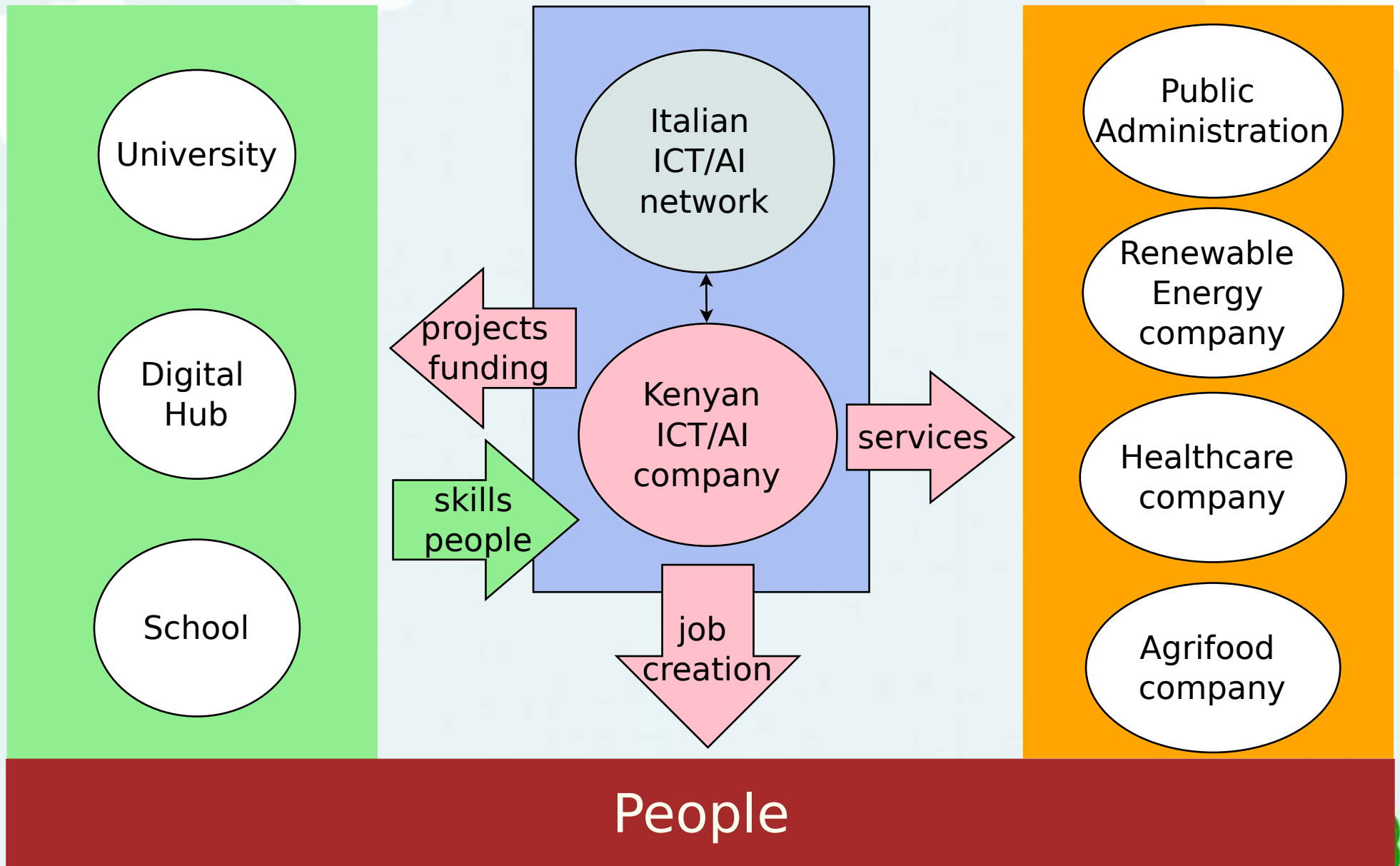


Opportunity: **ICT and AI**

- **game changers**, by nature easy to acquire, share and spread
- slightly **less easy** to be exploited, but still promising
- suitable for **external** and **internal** needs (incomes and growth)
- can be used in **potentially any field**
- **physical infrastructures** are growing
- **knowledge infrastructures** too (universities, schools, DIH)
- allow building of **partnerships** with external countries, companies and networks (regional and worldwide)
- can drive general **social development**: job creation, economic growth, wealth, services, ...



The idea: **structure**



The idea: **technologies**



Artificial Intelligence & Machine Learning

Defects & Anomalies Detection
Predictive Maintenance
Computer vision
Large Language Models



Bounded Resource Optimization

Activities Scheduling
Optimal Resources Allocation
Decision Support Systems



Physical Systems Simulation & Digital Twins

Greenhouses
Crop growth
Electric Power Distribution
Time Series



User Experience & Dashboards

One system in a single sight
Alerts
Diagrams
Time charts



The idea: **environment**

- cooperation: players exchange **ideas, projects, best practices, means**, ... not only economics (**mutual stakeholders**)
- Free Open Source Software (FOSS) is a **common asset**: it is an ideal ecosystem for cooperative exchanges
- experience:
 - we are **cooperative by nature**
 - we belong to a network for **enterprise level Open Source Software** (Rete Italiana Open Source)



The needs

- strong **connections** and **partnerships**:
 - public institutions
 - universities & schools
 - digital innovation hubs
- **customers**
 - public administrations
 - companies: renewable energy, health, agrifood, ...
- **marketing & commercial** structures
- ... **much more**



The general process

- mixed (Italian & Kenyan) **focus groups**
- **on-boarding**:
 - stakeholders (public and private bodies)
 - customers (B2P / B2B model)
- concrete **objectives** and **KPI** definition
- company **creation** (or **onboarding**)
- **pilot projects**
- **assessment**
- **monitoring & evaluation**



Possible concrete actions

- data collection, analysis and decision support tools for **renewable energy**, **healthcare** or **agrifood** company
- Large Language Model based applications for **rural areas empowering**
- standard interactive web sites for local/central **Public Administrations**
- lessons, courses and internships for **universities and schools**
- common projects with **Digital Hubs**
- **AI for Good** projects (see for instance Omdena - <https://www.omdena.com>)



Thank you!

The logo features the word "eLabor" in a blue, sans-serif font. Below it, the tagline "we learn while we work" is written in a smaller, lighter blue font. The text is centered within a large, thick blue circular arrow that curves around it.

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