

Taking Nepal To The 22nd Century



Components of a Smart City

Smart Business

Smart Government

Smart Education

Smart Agriculture

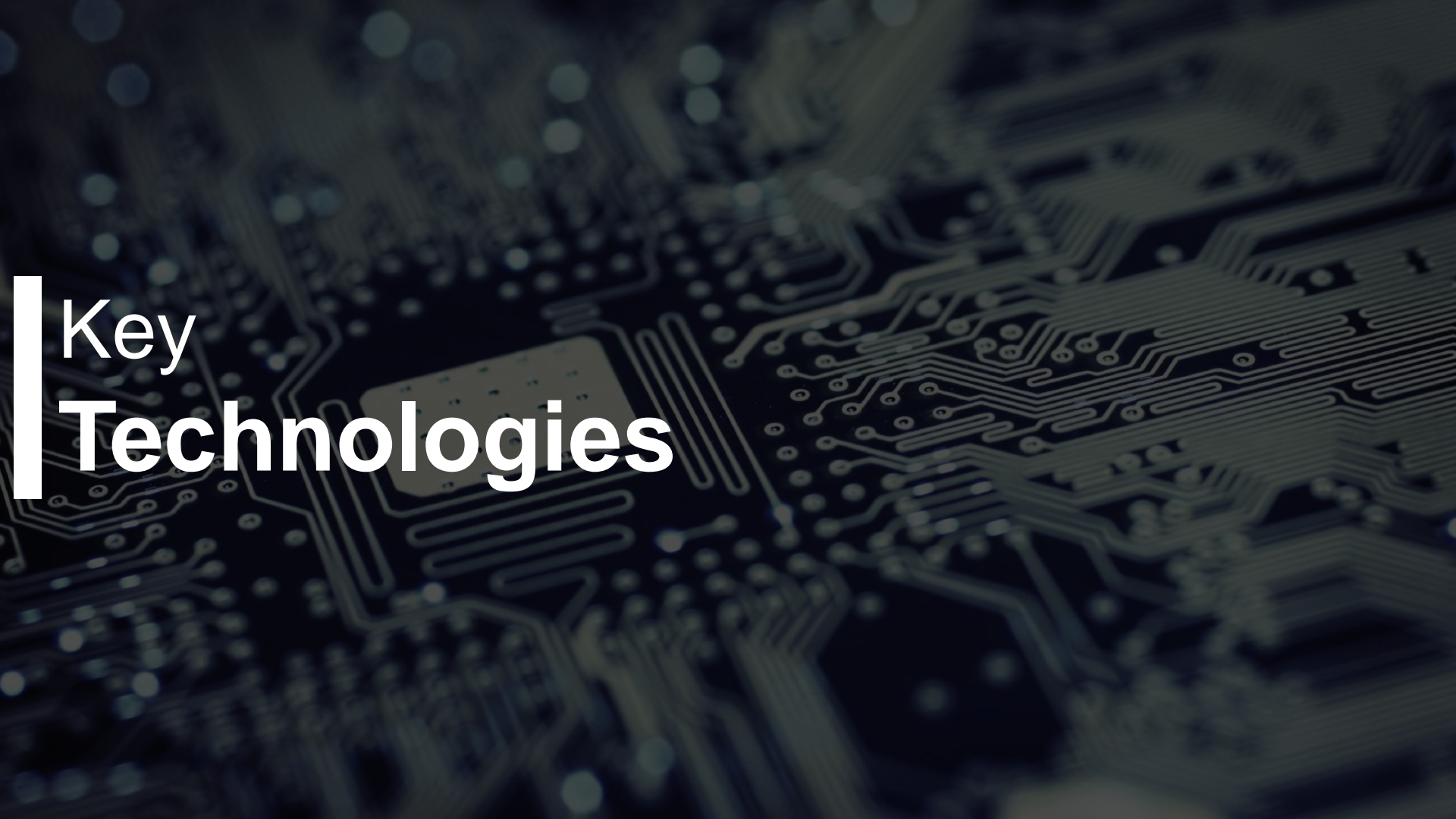
Smart Power

Smart Connect

Smart Health

Smart Transport





Key
Technologies

Biometric Systems



Geographic Information Systems

**Land
Management**

**Disaster
Management**

**Town
Planning
(Zone
Management)**

**Water
Sanitation**

Transportation

Connectivity Internet of Things

**Traffic &
Transport
Management**

Services
(Water,
Electricity
etc)

**Disaster
Management**

**Energy
Management**

**Citizen
Connectivity
Services**

An aerial photograph of a vineyard with rows of grapevines. A large, semi-transparent green pyramid is superimposed over the landscape. A drone is flying in the sky above the pyramid. The background shows rolling hills under a clear blue sky.

Smart Agriculture

**Precision
Farming**

**Farmer
Information**

E-Marketplace
(Shared Economies)

Planning

**Crop
Sensing and
Monitoring**

**Access to
Finance**

Shared Economies

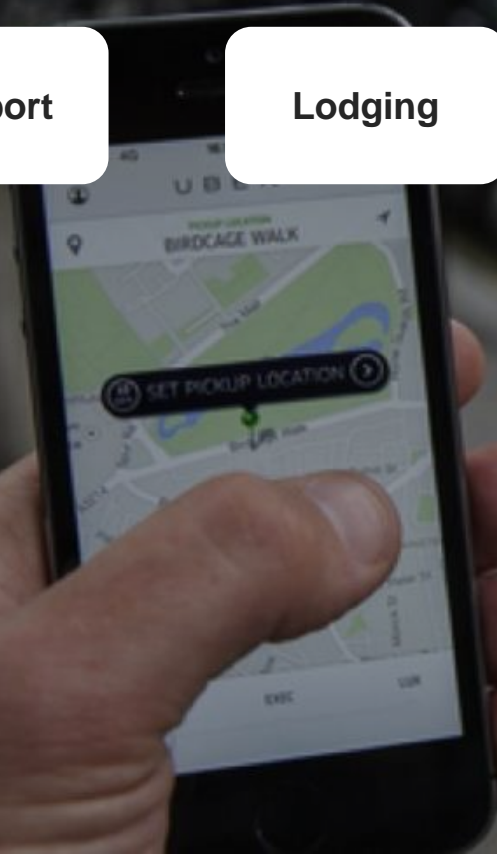
Transport

Lodging

Food

Skills
Sharing

Equipment



Smart Medical Technologies

**Remote
Surgery**

**Drone
Delivery**

**AI
Doctors**

**Hospital
Management**

**Patient
Information
(On Mobile)**

MEDICAL
NETWORK

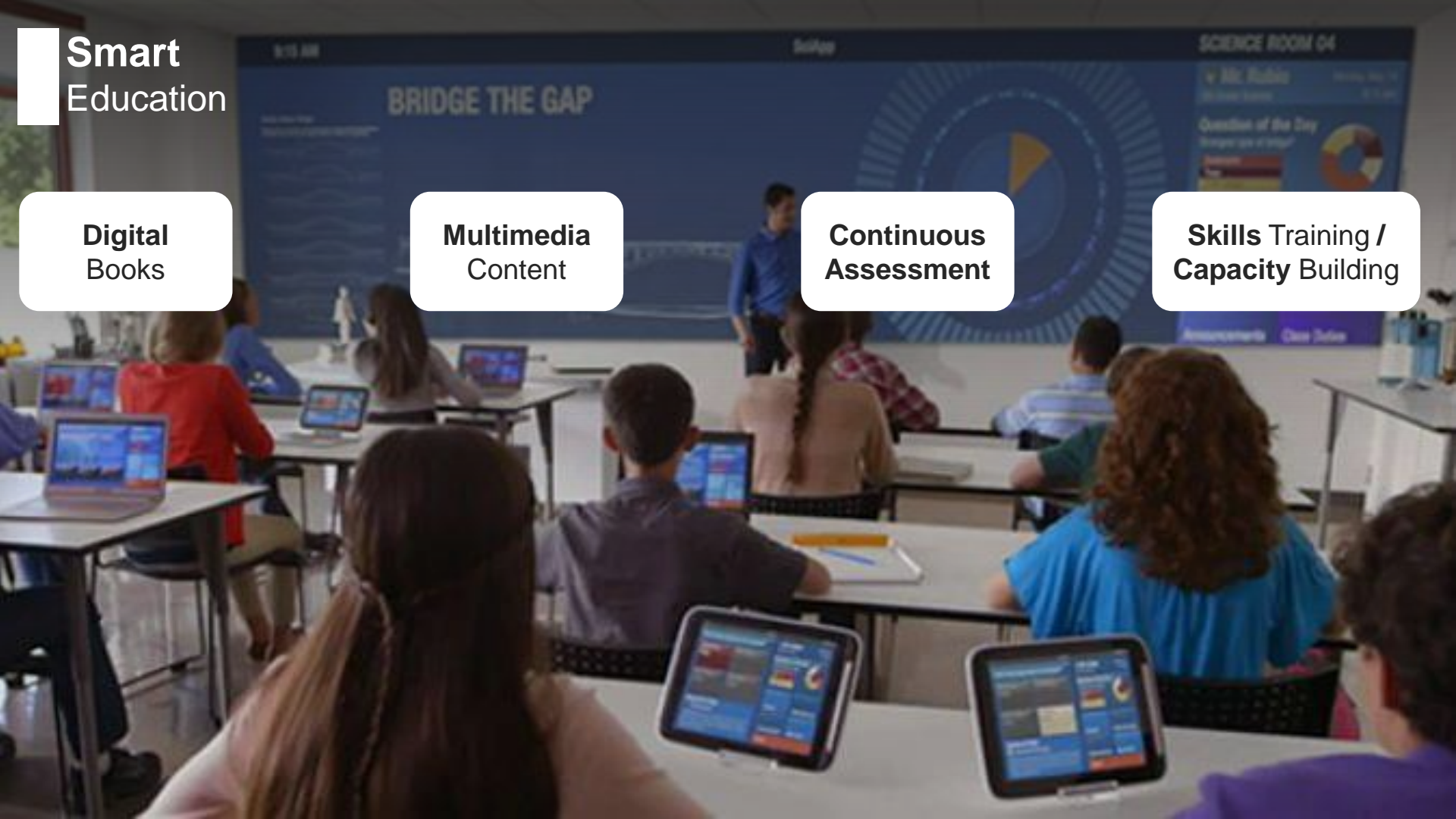


**Digital
Books**

**Multimedia
Content**

**Continuous
Assessment**

**Skills Training /
Capacity Building**



Distributed Money



Farmers

**Access
To
Finance**

Entrepreneurs

**Mobile
Money**

**Services /
Tax
Payments**

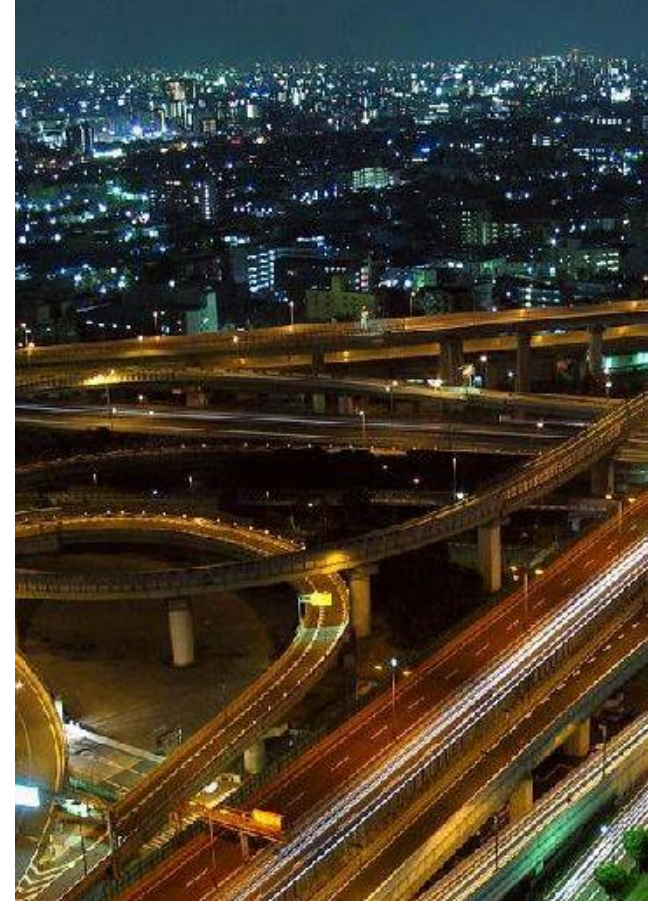
**Supply
Chain**



1960



2018



2030