



Hi Tech Strategy



MINISTRY OF ECONOMIC
DEVELOPMENT AND TRADE
OF UKRAINE

Hi Tech Classification

OECD Classification

- Aircraft and spacecraft
- Pharmaceuticals
- Office, accounting and computing machine
- Radio, TV and communications equipment
- Medical, precision and optical instrument

ICT as a form of “low investment”, “quick payback time” innovation in key directions of Ukrainian economy

1. Strengths:

- Educated human capital
- Low cost labor
- Low cost infrastructure
- Big variety of raw material
- Proximity to Europe and Asia

2. Key competences:

- IT competence
- Transit infrastructure
- Agroproduction
- Military production
- Aircraft and Spacecraft

3. Local demands:

- Modernization of industrial infrastructure
- Modernization of transport infrastructure
- Energy efficiency and saving

4. Global Value Chain Demand:

- Productivity growth
- ICT services and digitalization
- New materials and components
- BPO
- Cost saving solution
- Digital jobs and job substitution

FORESIGHT KEY DRIVERS (see annex A)



Hi Tech Focus for Ukraine

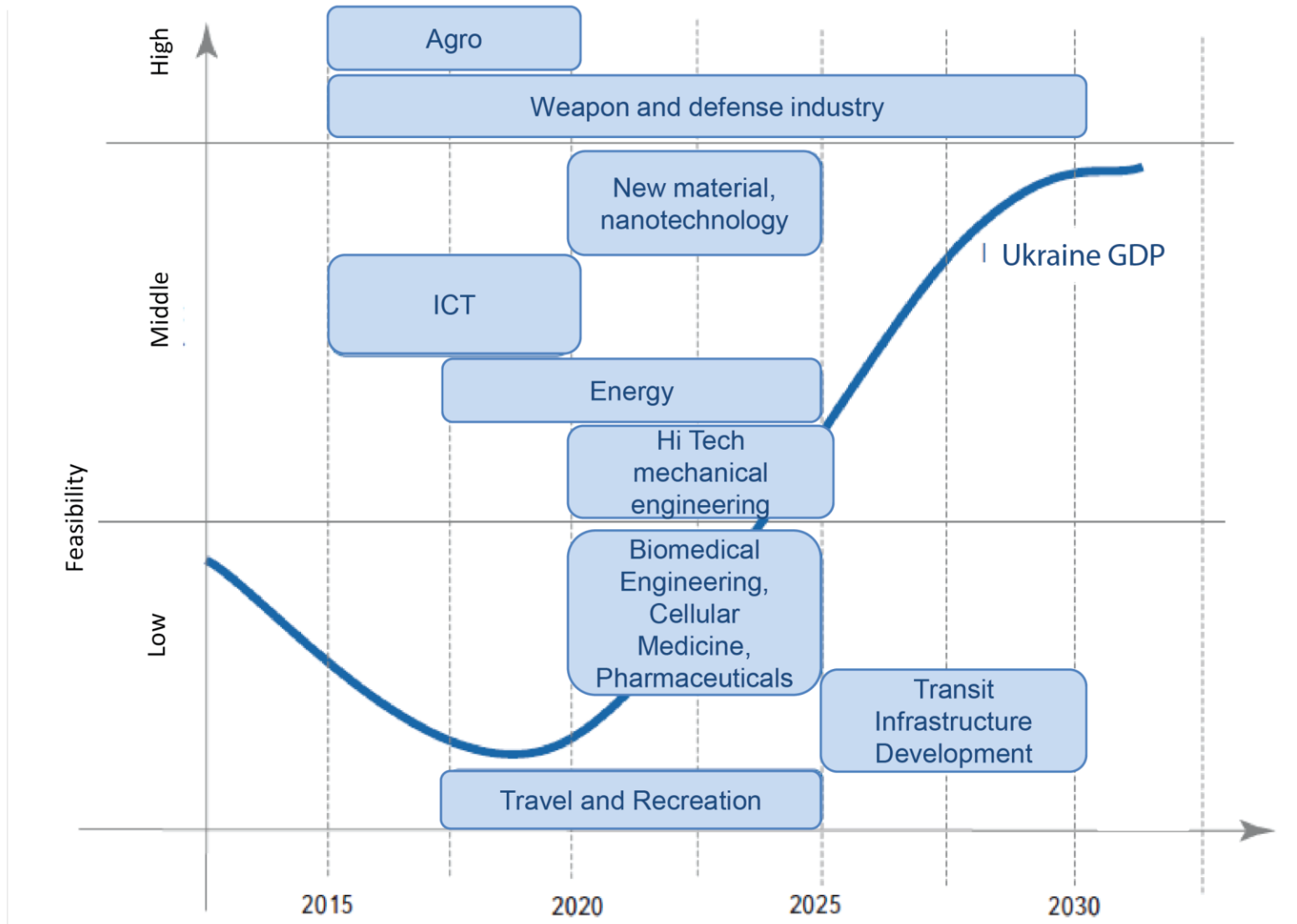
- Development of ICT
- ICT in agriculture, energy, transport and industry
- High tech engineering
- New materials
- Development of pharmaceutical and bioengineering



Review and Modernization of special programs for:

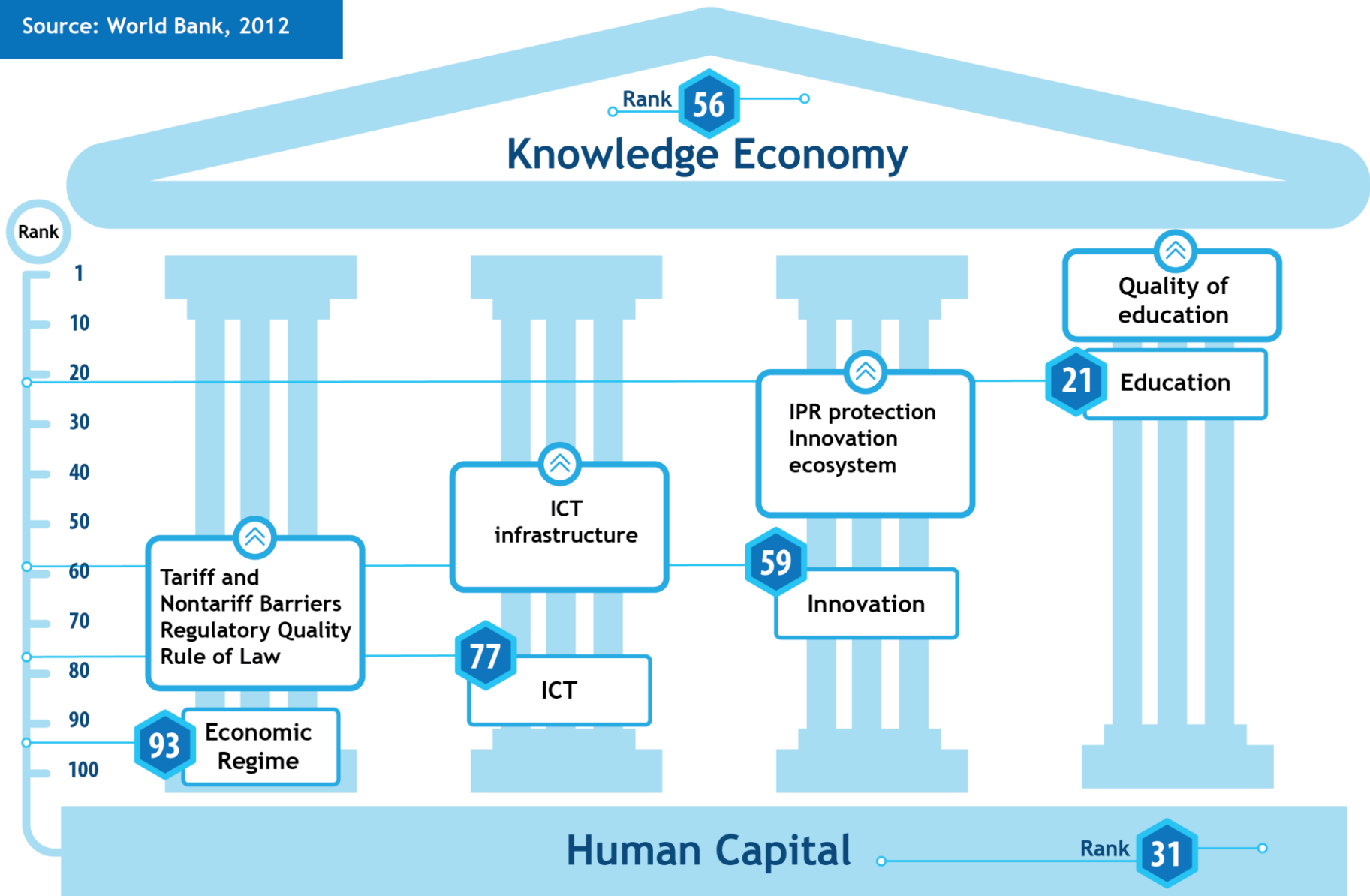
- Aircraft and spacecraft
- Medical, precision and optical instrument

Annex. FORESIGHT. KEY ECONOMIC DRIVERS

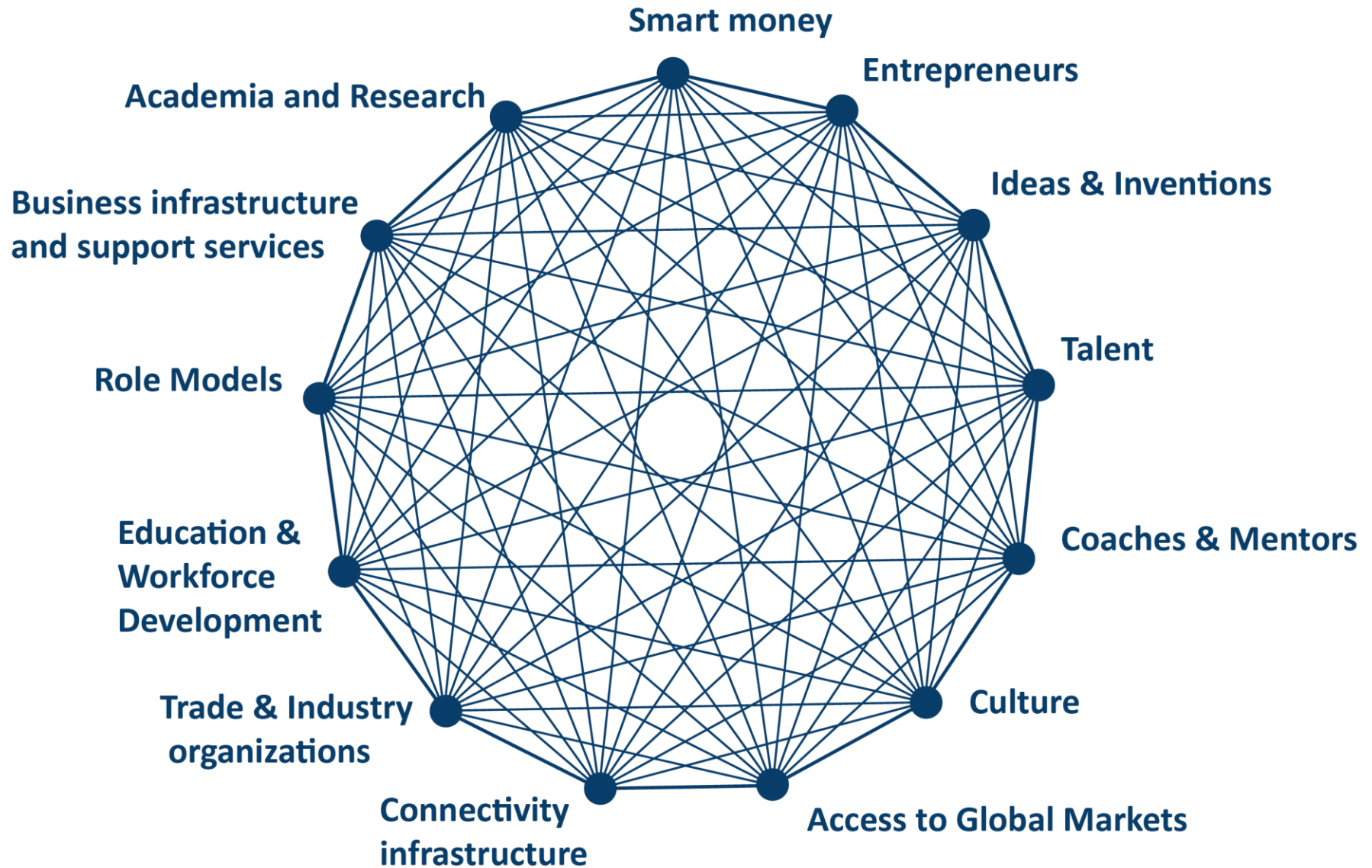


Hi Tech Landscape: MACRO FACTORS

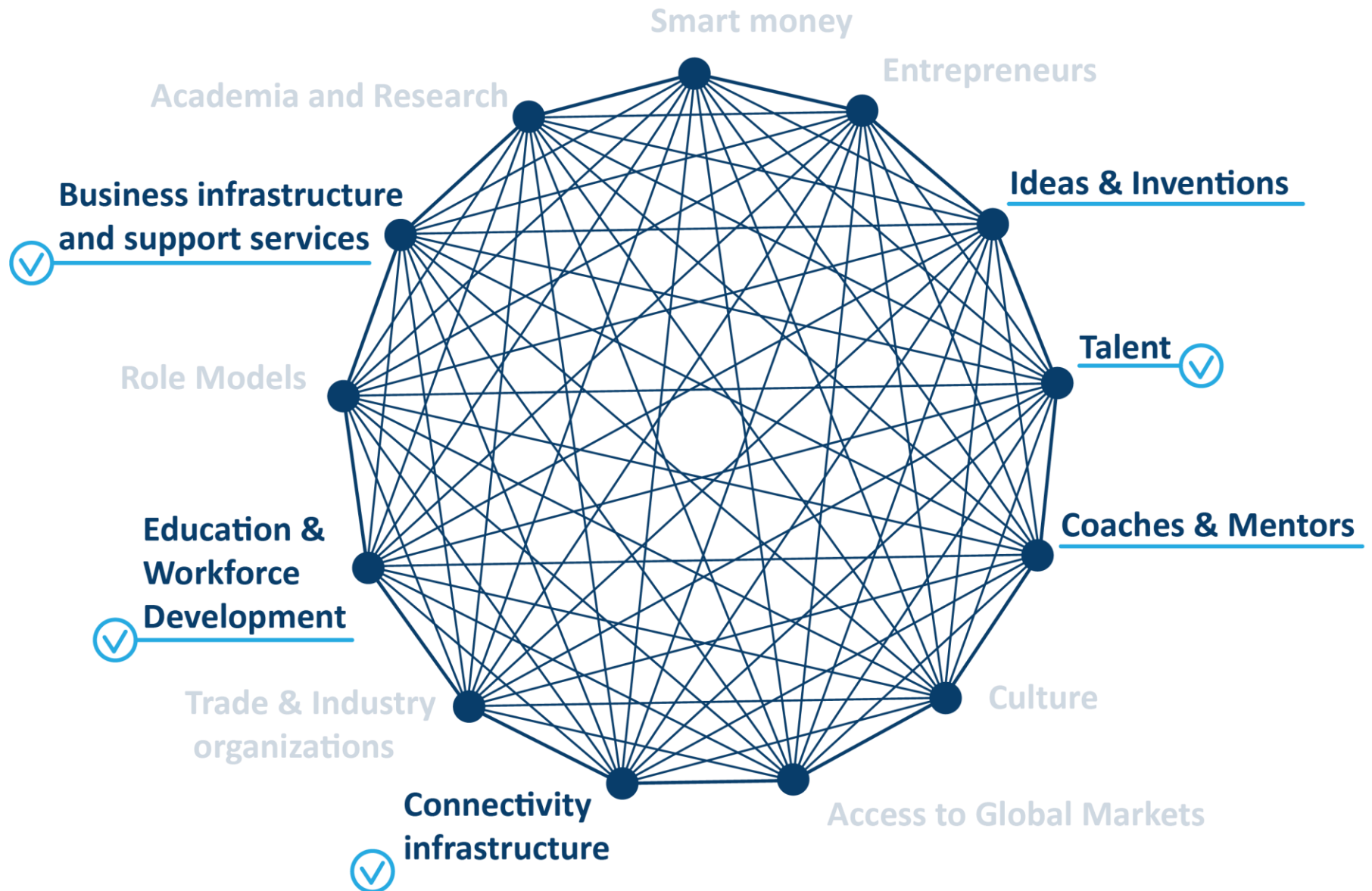
Source: World Bank, 2012



The Venture Ecosystem



The Venture Ecosystem



Models for Technological Startups



- 180 examiners
- From ideas to product

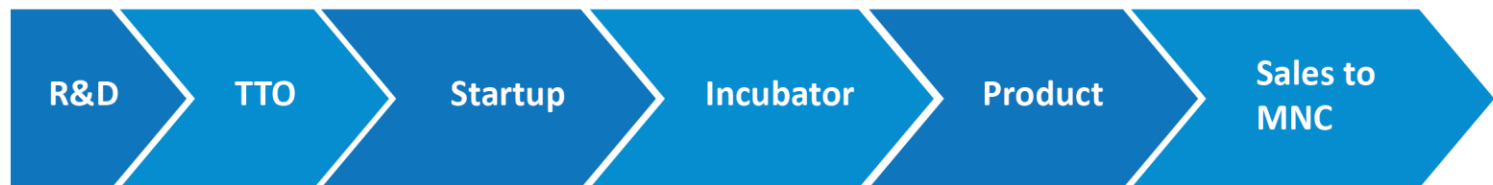


Early stage, high risk, innovative technological enterprises, can't raise money from the private sector

Other Universities to set accelerators

Conditions:

- IPR stays in country
- Payback 3% royalties from revenue
- 2 years support programs
- Funding from 5k-to 50k USD



State Universities

40%

to Universities budget

20%
to R&D
Labs

40%
to TTO

%
VC



Multinational Corporations



TOP5 ACTION POINTS FOR HIGH TECH

2



**“Welcome MNC”
Program**

3



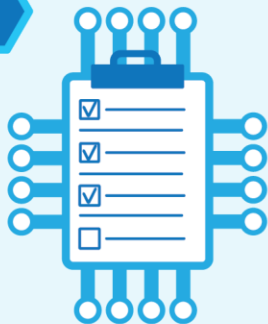
**Innovation
Ecosystem**

1



**High-tech
Office**

4



Digital Agenda

5



**“High-tech nation”
Program**