

# Innovation in the Enterprise Sector: chapter review

Innovation Performance Review Kyrgyzstan

Bishkek, 22-23 June 2017

# How to read the chapter



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Trends and obstacles to entrepreneurial innovations identified

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Their reasons are explained both in terms of policy gaps and internal factors

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Potential instruments for policy support are suggested for each dimension studied

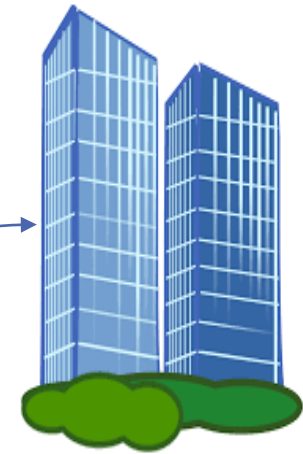
(reactive & proactive approach;  
firm- & system-oriented approach)

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# Trajectory of business growth

*Lacking technological, business organization and marketing competencies*

**LARGE BUSINESS**



*Uncertainty in legal environment*

**MEDIUM-SIZED BUSINESS**



*Facilitate transporting, exporting and importing*

*Corruption and unethical behavior starting from public bodies copied by private business*

**SMALL BUSINESS**



*Attracting resources: human, financial, intellectual, technologies*

**INFORMAL BUSINESS**



*Diversification of activities beyond resource-intensive industries*

*Transformation of informal businesses into formal ones*

# Existing assets of innovative transformation of Kyrgyzstan

Innovation=Risk+Uncertainty=Failure+Success

**Government**



*Failure is an experiment  
and valuable experience*



*Punish business for failure*

**Society**



Both in Kyrgyzstan and Belarus, it is easy to start a business, but the costs of mistakes are very high, and it is very difficult to close the business if failed. Hence, those who tried, failed and spent years to resolve the insolvency, will hardly try again.

# Existing assets of innovative transformation of Kyrgyzstan

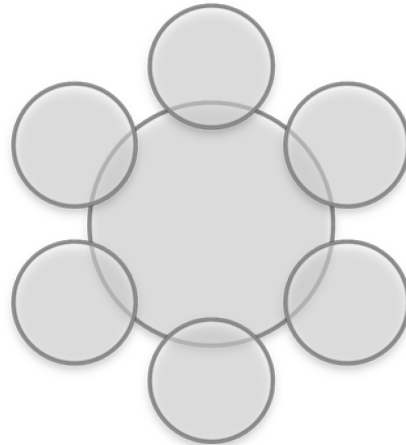
**A new generation of entrepreneurs supported by experience of family-driven business**

- 70% of jobs - in informal sector
  - Distant education lacking
  - These young people will gladly take up and use the opportunities provided by innovative tools

## **Shared production facilities**

**Joint R&D, fablabs, rapid prototyping, laboratory testing**

**IT resources (cloud facilities, open data, data analytics)**



**Marketing, IPR abroad, joint R&D**

**Innovative business models development to help differentiate their products and services**

## **eMarketplaces and eLogistics**

These tools can be provided as an incentives to establish a formal business (create evident benefits of becoming formal)

# High-tech assets of innovative transformation of Kyrgyzstan

## National Paperless Trade System (“Single Window”)



Поиск



- Главная
- О нас
- Вопросы-ответы
- ЕАЭС
- Подать заявку на экспорт/импорт
- Контакты

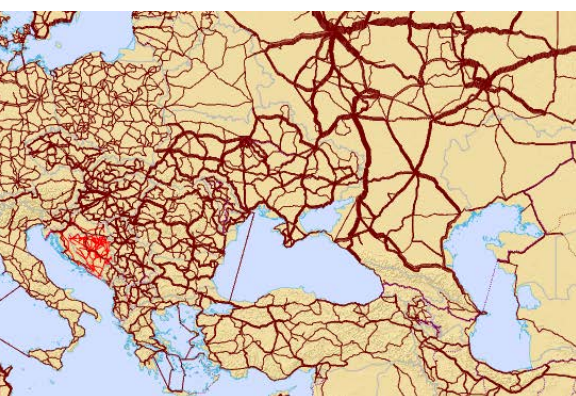
«Центр «единого окна» в сфере внешней торговли»  
при Министерстве экономики Кыргызской Республики

1 2 3

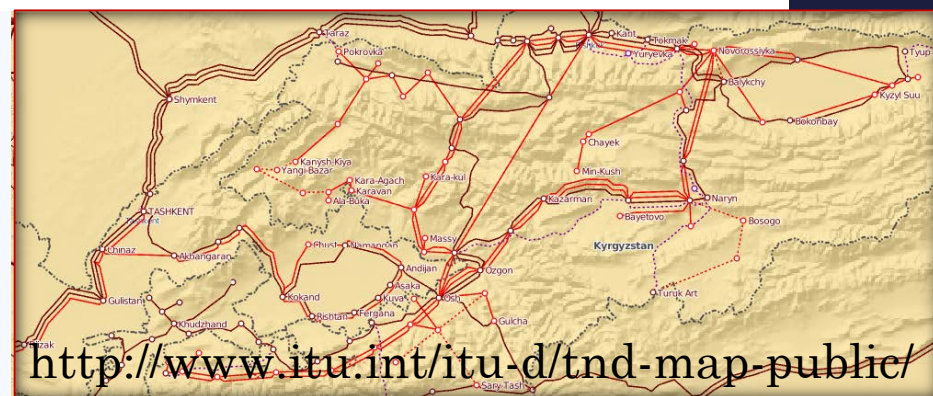
«Единое окно» - система, позволяющая всем участникам внешнеэкономической деятельности предоставлять информацию, требуемую для осуществления импортных, экспортных и транзитных операций только в одном месте, в единой



## Asia Pacific Information superhighway

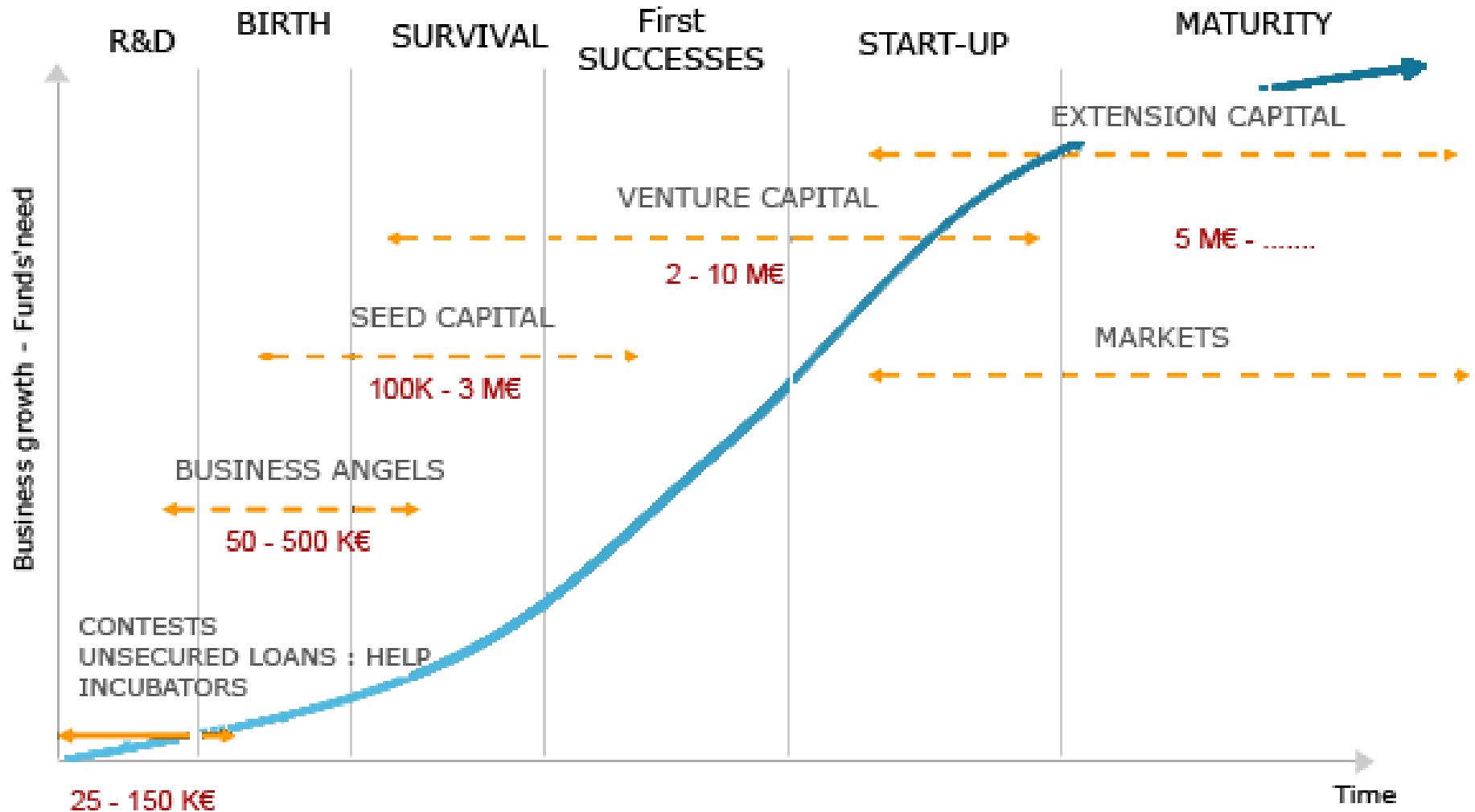


- UN Map**
- International Boundary
  - Other Line of Separation
  - Capital City
  - Other Major City
- Transmission Networks**
- Fibre Optic Cable - Operational
  - Fibre Optic Cable - Under Constr.
  - Fibre Optic Cable - Planned
  - Fibre Optic Cable - Proposed
  - Microwave - Operational
  - Microwave - Planned
  - Submarine Cable



<http://www.itu.int/itu-d/tnd-map-public/>

# The financing "chain", throughout the innovative company life cycle





# Thank you!

## Anna Pobol

Assoc. Prof. Dr.

Associate Professor, **Belarusian State University**

Senior research scientist, Center for Identification Systems,  
**National Academy of Sciences**

Chief Innovation Adviser, **IT Business Association**  
**“Infopark”**

Topic Leader for Digital Innovation and Entrepreneurship,  
**European Digital and Sourcing Consultancy**, Lithuania

**[anna.pobol@gmail.com](mailto:anna.pobol@gmail.com)**