

# KNOWLEDGE TRANSFER BEST PRACTICES BETWEEN APEC ECONOMIES

LIMA, PERU  
13 – 15 June 2018

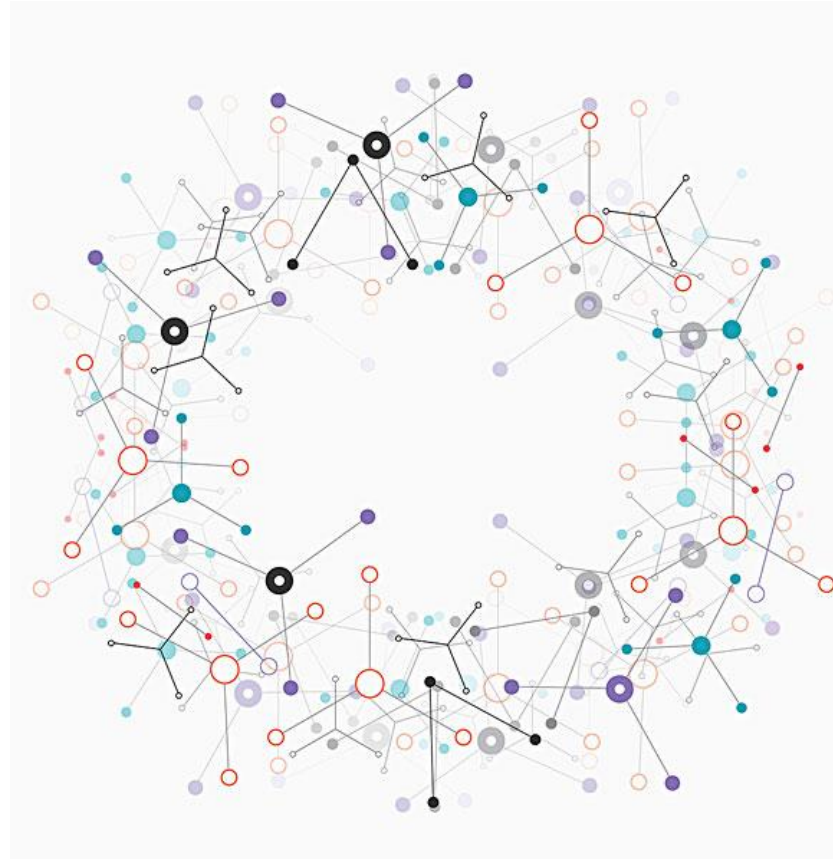
**Policy to Foster and Promote the STI System in China**

JUNE 13 2018



# TABLE OF CONTENTS

1. **Background**
2. **Policies**
3. **Impact**
4. **Learnings**
5. **Outlook**



## Background

--Mass Innovation

--Mass Entrepreneurship

--International cooperation



## **Policies**

**--The Medium- and Long-Term Program for Science and Technology Development (2006)**

**--Strategy of Innovation-Driven Development (2016)**

- Innovation in science and technology must be combined with innovation in **system, management, business model and culture**
- Three stages for implementing the strategy: **2020, 2030, 2050**
- Twin wheels**: STI and institutional innovation
- Transformation** in the model of development: Value chain, Capital chain, Industrial Chain, Innovation Chain

## **Impact**

**--investment in research and development (R&D) has grown at an average annual rate of 11 percent**

**--manned spaceflight, deep-water exploration, quantum communications, large aircraft development**

**--high-speed rail, e-commerce, mobile payments, and the sharing economy**

**--average number of new businesses opened daily has risen from over 5,000 to more than 16,000**

**--the Internet Plus model has permeated every industry and every field**

## Foster Talents:

- Start-up Incubation
- Tutoring and Training
- Young Professional Mobility
- Attracting High-level Professional



## Entrepreneurship Xi'an Action Plan 2017-2021

- Infrastructure
- Reform
- People
- Capital
- Research
- Community
- Ecosystem
- Start-up

## Multilateral cooperation

- APEC PPSTI China Family
- Cross-fora with MTF, EWG, HRDWG, SMEWG, ABAC...



## Bilateral cooperation

- Mobility of young scientists
- Joint Funding of research projects
- policy exchanges



## **Learnings**

- Role of Governance: from S&T Management to Innovation Empowerment**
- Integration into the global innovation network**
- People first, enable and empower the people**
- Consistency and coherence with domestic general policy**

## **Outlook**

- Public-Private partnership in twin wheels**
- more forward-looking, targeted, and strategic research**
- closer ties with real economy**
- shared growth through discussion and collaboration**

# THANK YOU

Ma Leju

[maleju@gmail.com](mailto:maleju@gmail.com)