



# German Vietnamese Science Day 2023



## NATIONAL TECHNOLOGY INNOVATION FOUNDATION (NATIF)

**Dr. Ta Viet Dung – Deputy Director**

***Da Nang, April, 27, 2023***

- ☐ **Overview and missions**
- ☐ **Some outstanding results**
- ☐ **Main functions - newly focused missions**
- ☐ **International cooperation**

- The National Technology Innovation Foundation (abbreviated as NATIF) is an off-budget state financial institution affiliated by the Vietnam's Ministry of Science and Technology (MOST), operating as a non-profit agency
  - Reformed from Jan, 2021: new functions in accordance with the Law of State Budget 2015
- The charter capital is 2,000 billion VND (~\$85 mil.) gradually contributed by the state budget (in 5-10 years from 2021); other financial resources from state programs, result of balanced account annually; grant or aid, voluntary from funding sources.

- To support enterprises in encouraged tech. transfer, completion regulated in the Law of Technology Transfer
- To motivate the tech. transfer serving agricultural development in rural and mountainous and disabled areas
- To support tech. incubation, S&T enterprises, tech. decoding
- To enhance S&T human resources for tech. transfer, and staffs innovation and completion.

## Some outstanding results

During the past years, with the grants from NATIF, several enterprises have achieved outstanding outcomes in tech. innovation, production expansion, increasing business revenue and profit, improved export market as well as effective socio-economic impacts.

Some typical firms...

## Some outstanding results

**Thaco Chu Lai Mechanical Complex (Truong Hai) – truck tanks manufacturing**

→ improved the localization rate and created the foundation for deploying this technology for other truck lines; Successful application of automatic production lines, etc.



## Some outstanding results...

### Thien Phuc Herbal Joint Stock Co.,

- upgrade the technology of culturing fruiting bodies at the scale of 500 kg/batch to achieve high yield and stable quality
- develop a line of health foods from *C.militaris* such as Banikha Supplement capsules, Banikha Immune booster, Bao Nhan bone and joint products,... from the project's products, etc.



## Some outstanding results...

### Luong Quoi Coconut Processing One Member Co., Ltd

→ After a year of putting into production: Leading, superior technology: The quality of canned coconut water is 95% guaranteed compared to natural coconut water, environmentally friendly paper box packaging

→ Coconut water products: well-received by the US, Australia and EU markets and the domestic market



→ Economic efficiency increased about 10 times compared to before the project implementation (certain products)

→ Stable employments of 1,200.



## Some outstanding results...

### **Hanoi Cattle Breeding Joint Stock Co.,**

- Creating 76,000 doses of BBB bovine semen -> reduced the cost compared to importing semen from abroad by VND 23 bil.
- Testing the technology of bovine sperm isolation, a high technology, which has been initially successful to create a turning point in the rapid breeding of beef cattle in the oriented sex selection
- The conclusive result: mastering modern technologies in the field of breeding cow semen right in the Red River Delta.



Newly focused Missions: financially support Vietnam's enterprises in empirical R&D research, technology transfer, technology completion and technology innovation.

## **Financial support:**

- Providing preferential loans: in progress
- Granting loan interest: in process of preparation
- Providing loan guarantees: in process of policy designing
- Providing grant partially: in progress



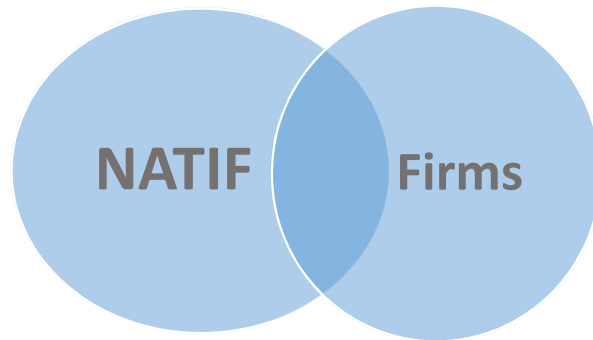
# Financial supports for S&T projects

1. Providing preferential loans (direct and indirect);
2. Providing loan guarantee;
3. Grant: Partially Non-refundable grant; loan interest for S&T project;
4. Implementing national S&T and innovation projects: focusing in the period of 2021-2030

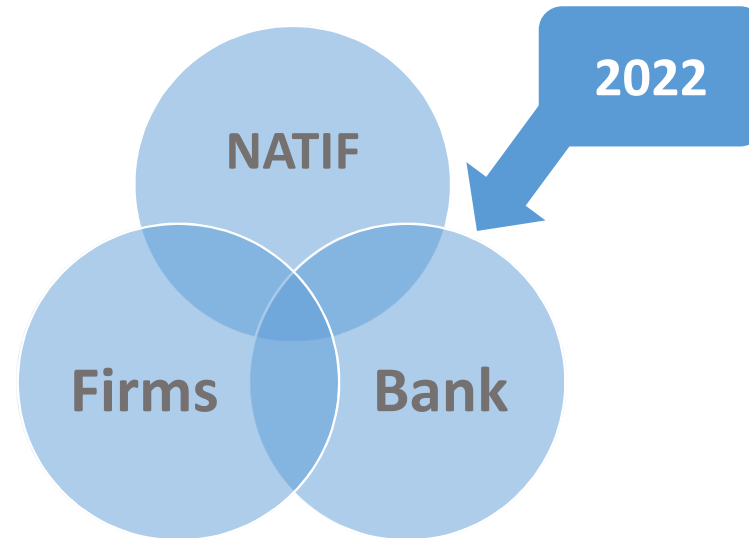
→ *Innovating firms' tech. in 4 main contents:*

- Upgrading the national tech. for the authorities;
- Supporting large firms in tech. innovation and flagship products manufacturing;
- Supporting SMEs in tech. innovation;
- Supporting tech. innovation in remote and difficult areas to replicate the models.

# Providing preferential loans



• *Direct*



▪ *Indirect*

- General agreements and cooperative activities with: Korea Financial Technology Corporation KOTEC (Korea Rep.); IIA (Israel)
- Capacity building program supported by the World Bank
- Engaging to implement the Knowledge Sharing Program KSP with KDI (Korea Rep.)
- Network with the Newton Fund, Innovate UK, Vinnova (Sweden), Zim Program (Germany), IPP (Finland)...

- (1) Cooperative programs between NATIF and German's agencies to support firms' tech. innovation with the tech. transfer from Germany
- (2) Enhancing NATIF's capacity building: expertise and specialist sharing for operating the missions
- (3) Co-funding with foreign partners based in Vietnam and abroad for projects in technology transfer and innovation.



# THANK YOU

**NATIONAL TECHNOLOGY INNOVATION FOUNDATION**



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