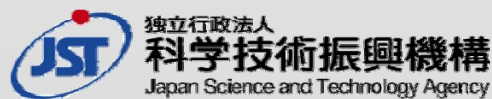


Comprehensive Support Programs for Creation of Regional Innovation

September 15th, 2009

Hiro MURASUGI

Department of Regional S & T Promotion



Program: Tech Transfer Activities

10:00- Overview of JST's Technology Transfer Activities

Competitive Funding Programs

10:10- New Technology transfer Program "A-STEP" Bottom-up

10:20- Strategic Promotion of Innovative Research and Development Top-down

▶ 10:35- **Comprehensive Support Programs for Creation of Regional Innovation** **Regional**

10:50- Q&A(1)

Intellectual Property & Various supports

11:00- The Circumstances of IP surrounding Japanese Universities and Our Mission IP

11:15- Strategic support for acquisition and licensing of IPR IP

11:30- Linking mechanism of research results to practical application Supports

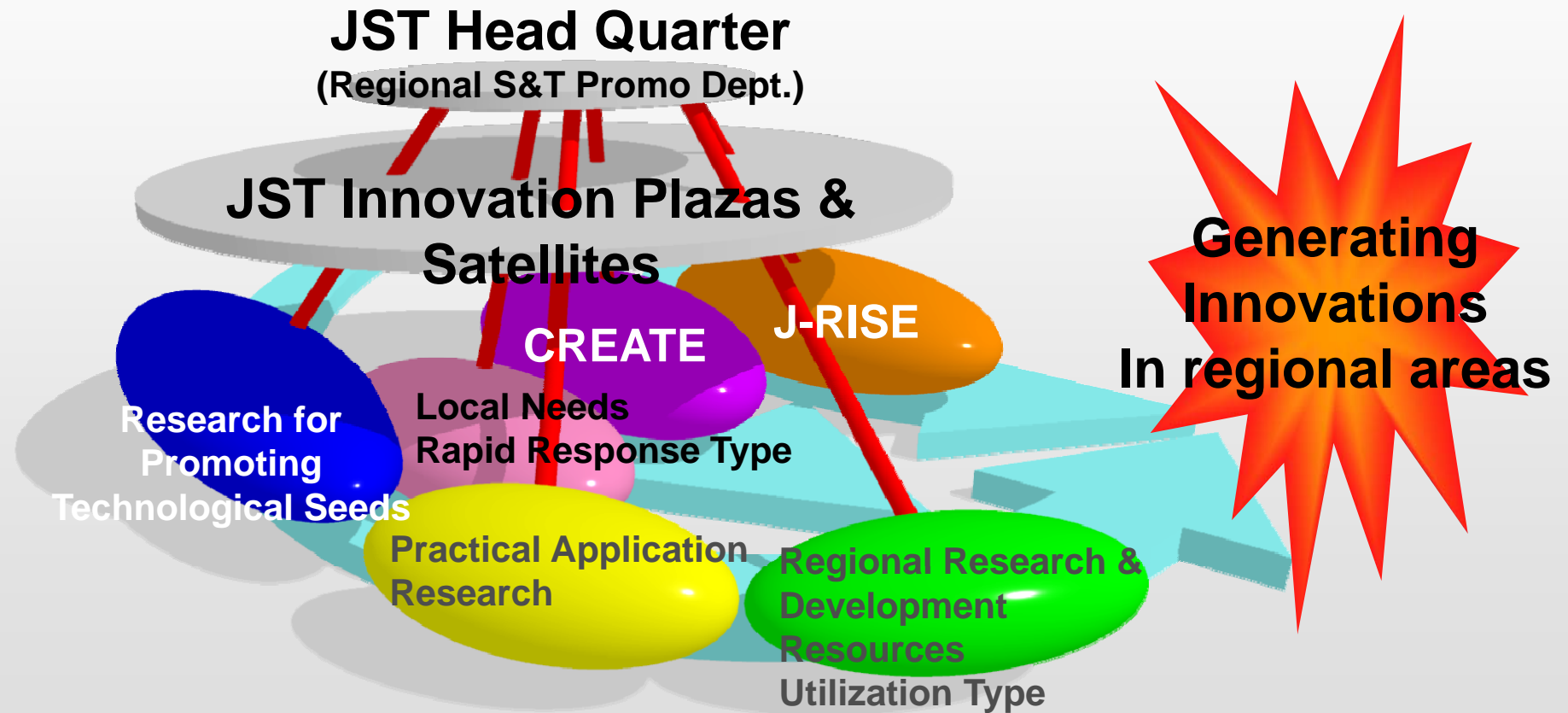
11:45- Q&A(2)

Outline:

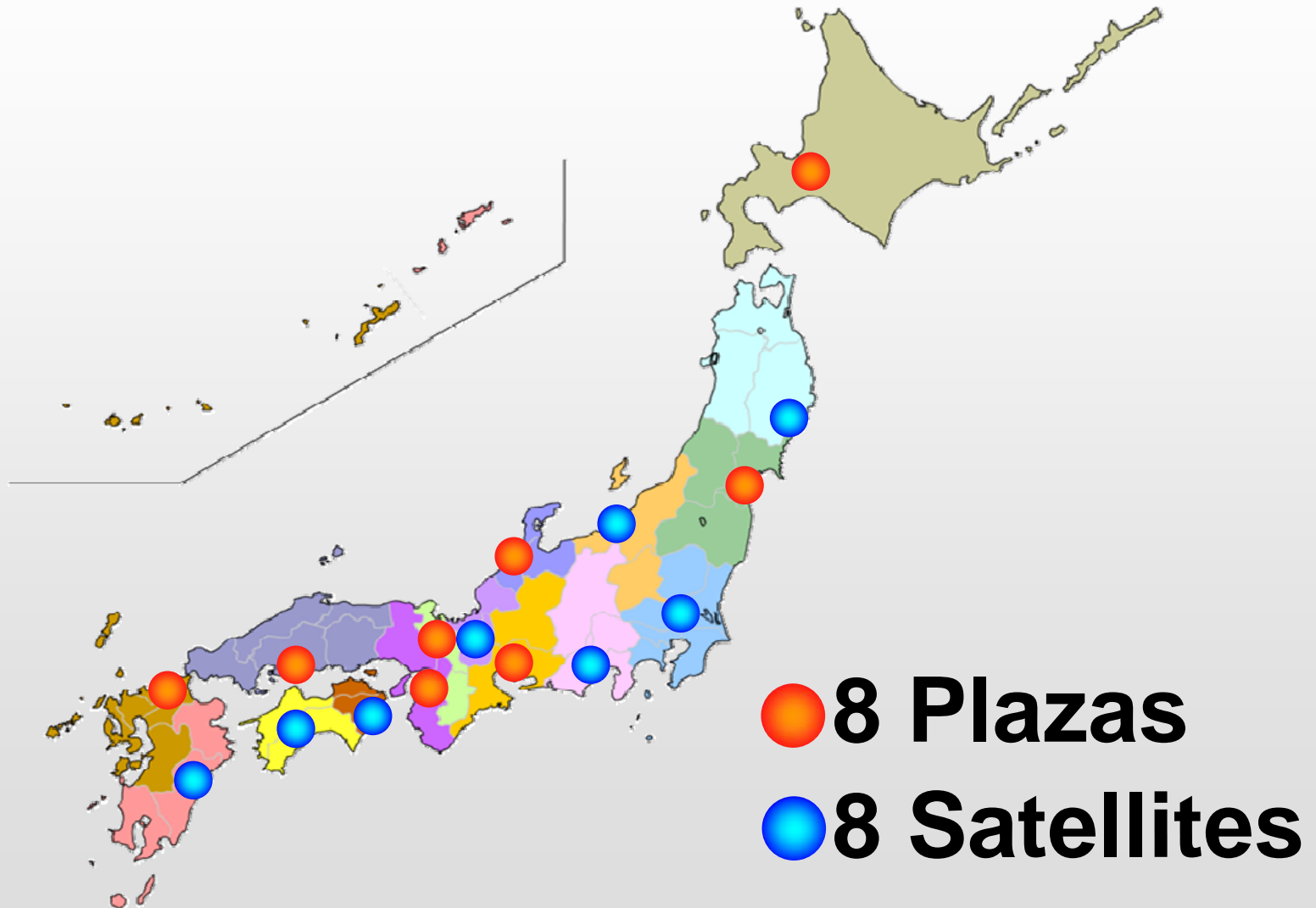
JST Innovation Plazas and Satellites

6 R & D Programs for Regional Innovation

Activities at a glance



JST Innovation Plazas & Satellites



Plazas & Satellites: Activities

R&D Programs



Coordination



Others



**Creating
new business**

**Revitalization of the rural
economy**

Plazas & Satellites: S&T Coordinator

Roles:

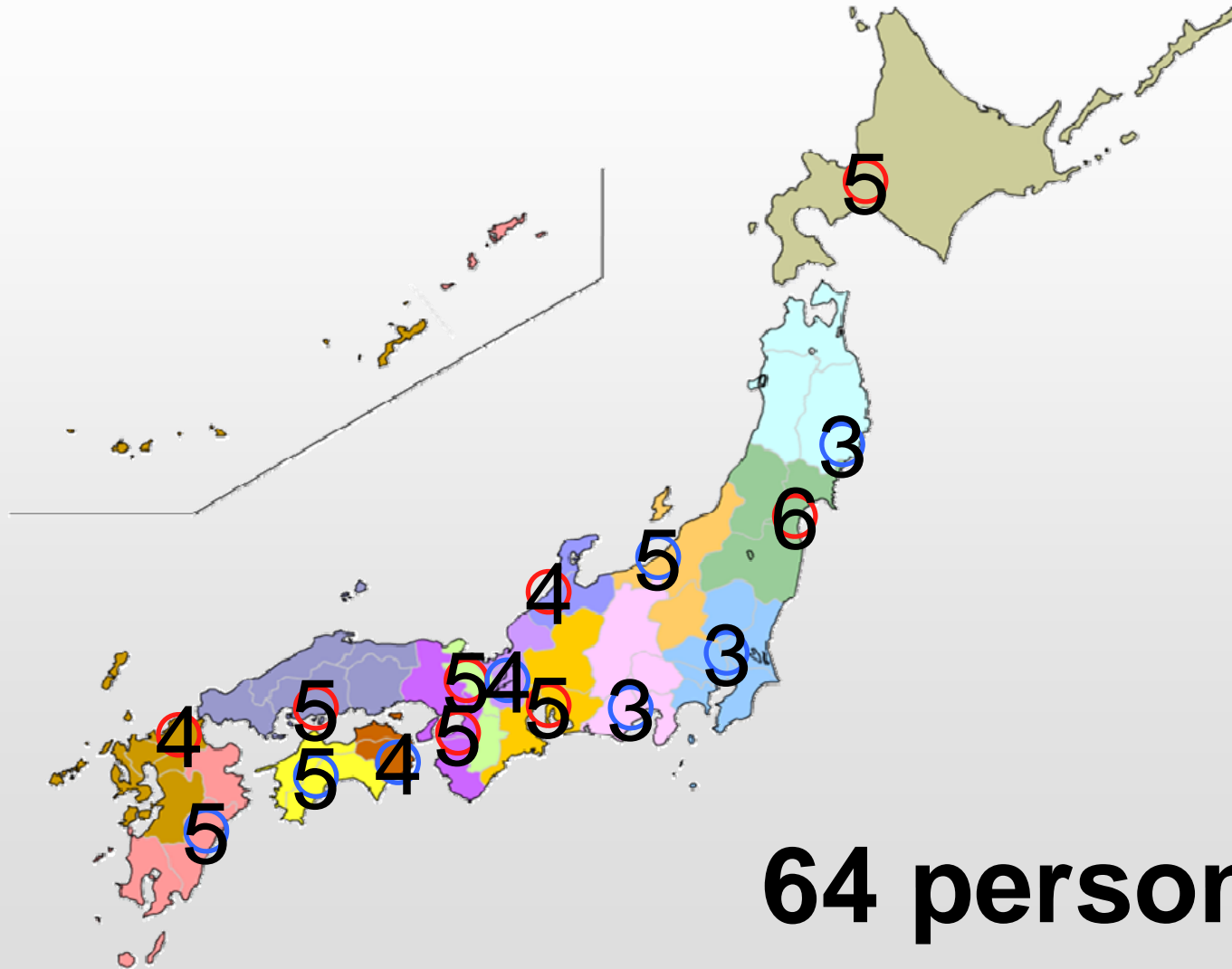
Discover research achievements

Matching seeds and needs

Cultivate newly developed technological seeds

Advise appropriate R & D programs

Plazas & Satellites: S&T Coordinator



64 personnel

R & D Support Program:

Research for Promoting Technological Seeds

A<discovery type> B<development type>

Encourage practical implementation of research seeds of universities discovered by coordinators



R & D Support Program:

Research for Promoting Technological Seeds

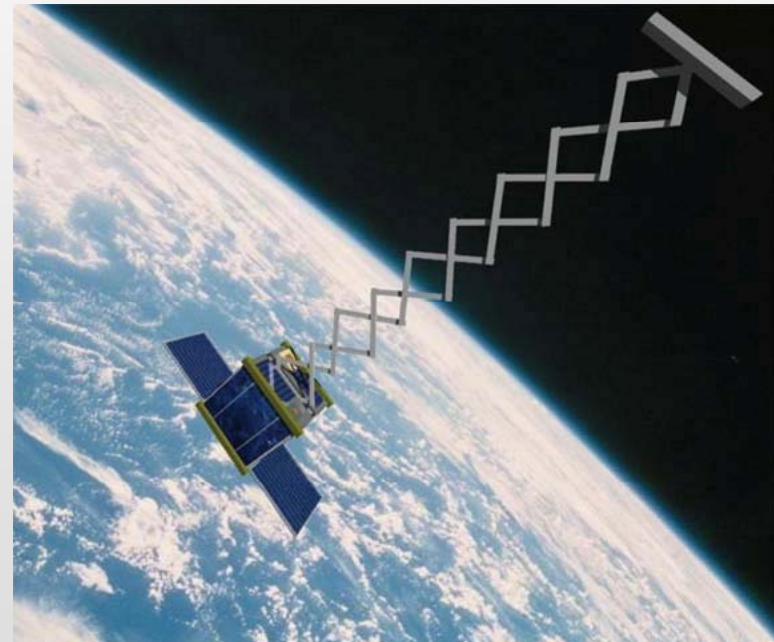
R & D Results: Micro Satellite

Developed:

Prof. Nishio, KAGOSHIMA UNIV.

Feature:

- ◆ **Moisture vapor sensing for weather forecast**
- ◆ **Live image feed from the sky**
- ◆ **Satellite will be launched 2010 by H-IIB**



R & D Support Program:

Local Needs Rapid Response Type

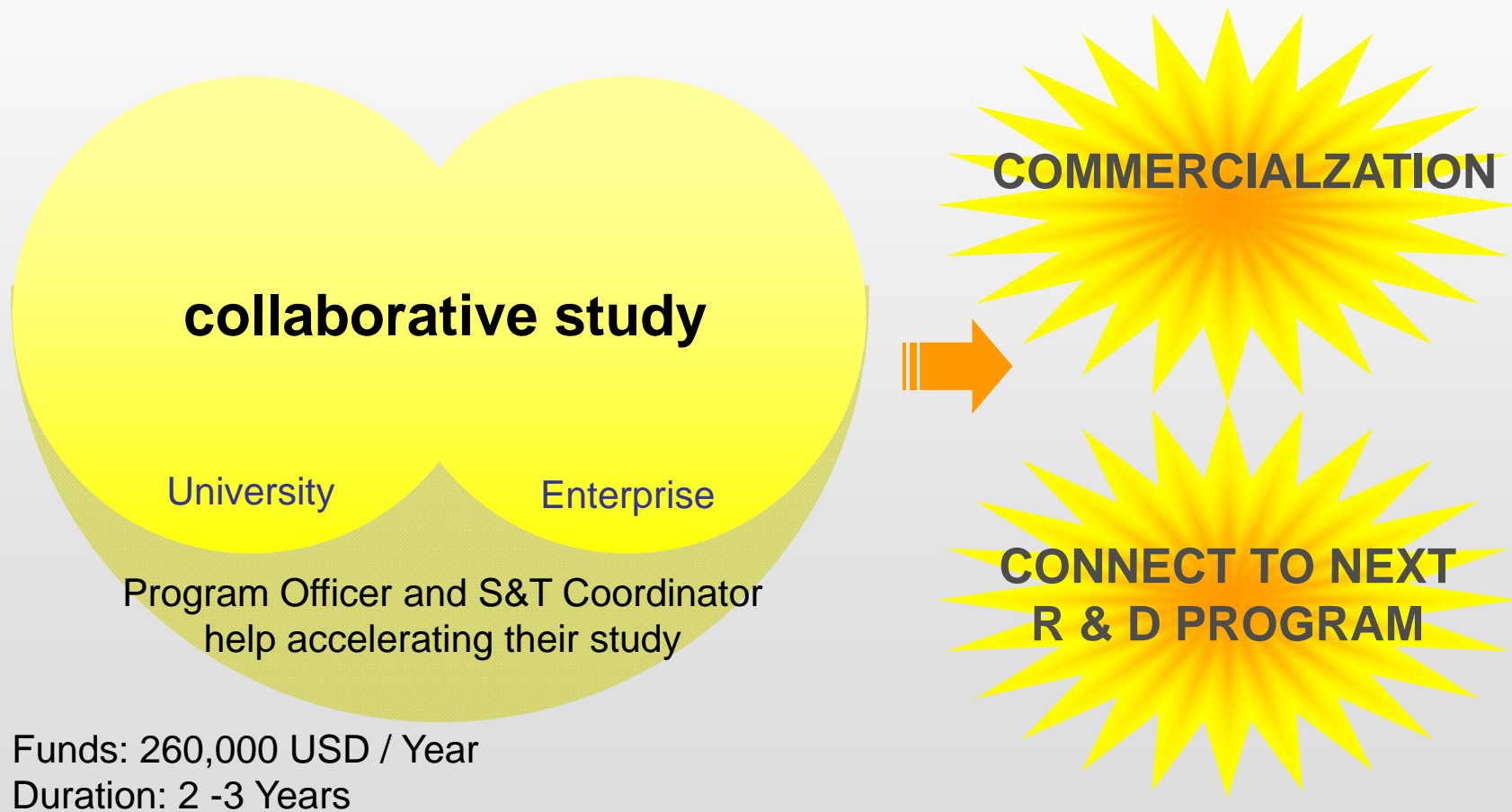
Solving Small & Medium Company's technical problem with technical seeds from University, Public Research Institute and National Technical College



R & D Support Program:

Practical Application Research

Supporting Joint Research of University and Enterprise



R & D Support Program:

Practical Application Research

R & D Results: Gym Exercises Support Robot

Developed:

Dr. Hirukawa, AIST*

(*National Institute of Advanced Industrial Science and Technology)

Collaborated Organizations:

Ibaraki Health Plaza, General Robotix, Inc.

Feature:

- ◆ **Gymnastic exercise support**
- ◆ **Plan to release for commercial purposes**



R & D Support Program:

Practical Application Research

R & D Results: Antithrombogenic Materials

Developed:

Prof. Suzuki, MIE UNIV.

Collaborated Organizations:

Taiyo Kagaku CO., Ltd.

Feature:

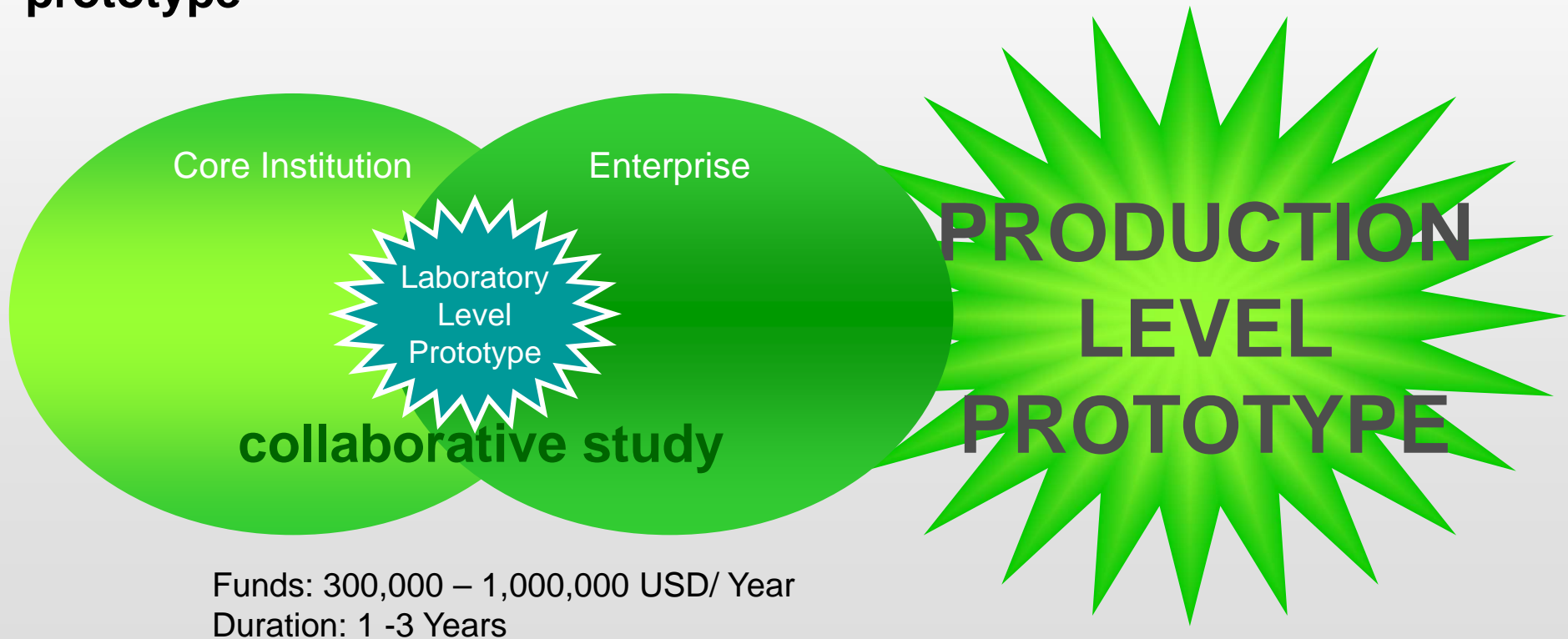
- ◆ **Developing Antithrombogenic Materials for angiopathic hemolytic adult disease**
- ◆ **Commercialized** (ingredients for nutritious drink)



R & D Support Program:

Regional Research & Development Resources Utilization Type

Utilizing resources from JST support program to develop working prototype



R & D Support Program:

Regional Research & Development Resources Utilization Type

R & D Results: Large Scale Super Hi-Rez Scanner

Developed:

Prof. Ide, KYOTO UNIV.

Collaborated Organizations:

Dainippon Screen Mfg. Co., Ltd.

Feature:

- ◆ Saving cultural properties in super hi-rez image
- ◆ Inquires from Japanese museums, shrines, and from overseas



R & D Support Program: **CREATE**

Collaboration of **R**egional **E**ntities for the **A**dvancement of **T**echnological **E**xcellence

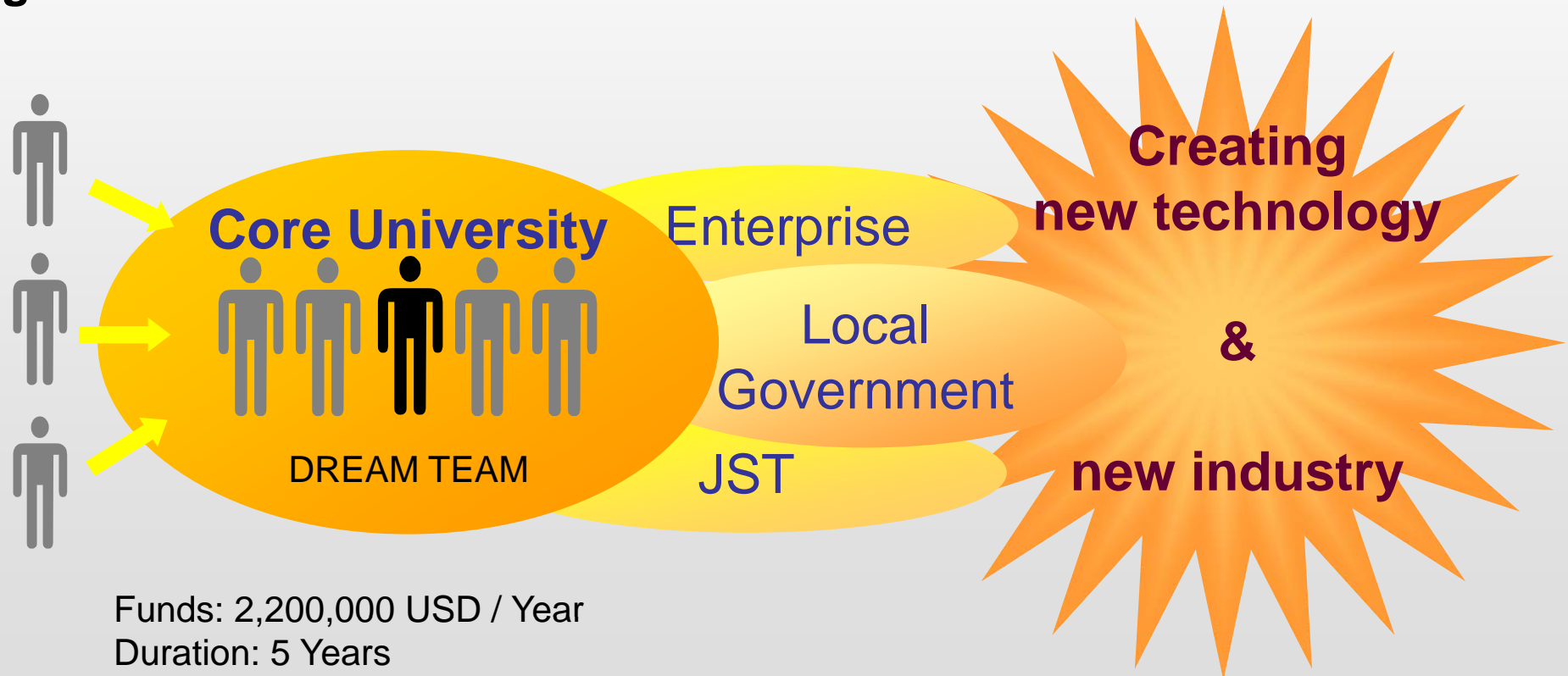
Creating new technology and new industry under collaboration with industry, local government and academia.



R & D Support Program: J-RISE

Japan **R**egional **I**nnovation **S**trategy program by the **E**xcellence

Organizing “Dream Team” of scientists and developing new technology and new industry under collaboration with industry, local government and academia.



Funds: 2,200,000 USD / Year
Duration: 5 Years

Thanks

