

# Promotion of Science of ST&I Policy Program and Its New Trial

– from the viewpoint  
of an adviser –

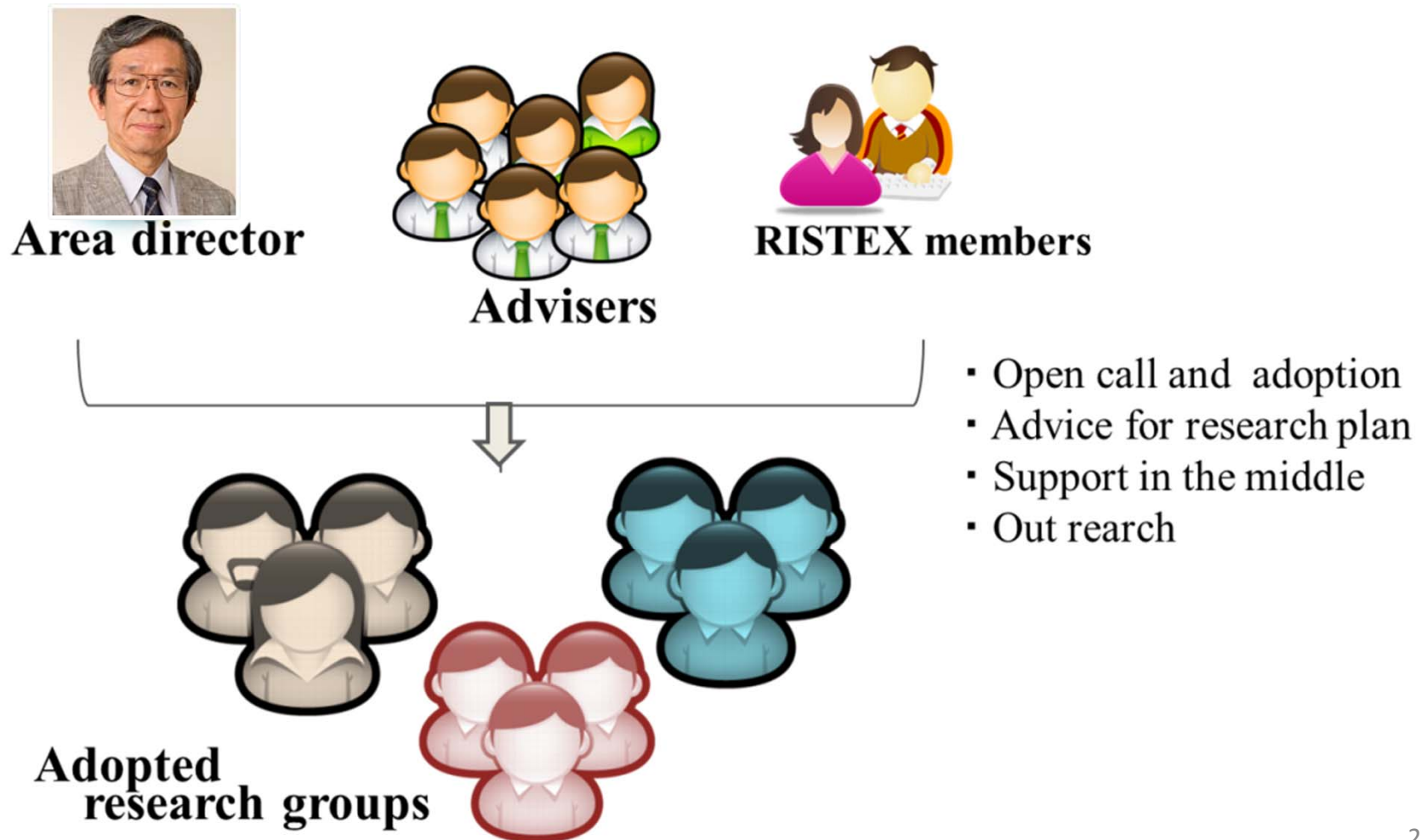
Prof. Hiroshi NAGANO

Program Adviser of “Science of ST&I Policy”

Professor, National Graduate Institute for Policy Studies



# RISTEX Funding Program of “ Science of ST&I Policy ” - Management System -





# Advisers

Academia

Industry, Incubation, etc.,

Think tank, Media, etc.,



Advisers	Affiliate	Specialty , Sector etc.,
Ryuhei WAKASUGI	Professor Emeritus, Kyoto University	Economics
Tomohiro IJICHI	Professor, Seijo University	Innovation Studies
Shinichi KAMEI	Mitsubishi Research Institute, Inc.	Think tank, Nanotech
Tadamasa KIMURA	Professor, the University of Tokyo	Cultural anthropology
Hideko KUNII	Ricoh IT Solutions Co., Ltd. (formerly)	Chairperson, Software
Koji TANABE	Professor, Tokyo Institute of Technology	Innovation Management
Yoshifumi Nakata	Director-General, Institute for Technology, Enterprise and Competitiveness, Doshisha Univ.	Economic & Legal Studies
→ Hiroshi NAGANO	Professor, GRIPS	S&T Policy Studies
Ikkei MATSUDA	CEO, SARR,LLC	Incubator, Venture capital
Yoshifumi YASUOKA	Auditor, Research Organization of Information and Systems	Remote Sensing, Environmental Studies
Zentaro YAMAGATA	Professor, University of Yamanashi	Health Sciences, Medical Engineering
Michiko IGARASHI	Freelance Journalist	Journalism, Media

# Project Promotion by Advisers

## ○ Selection of projects

Inspection of the applications (6-8 app./year/Adviser)

Interviews to the applicants

Adoption by agreements among directors and advisers

## ○ Fostering of adopted projects ※

“Mentor” (1 - 3 Projects / Adviser)

Labo. Visit, Salon, Camp, . . . .



※ by accumulation of experiences of funding in RISTEX

# Project Promotion by Advisers

Project Salon

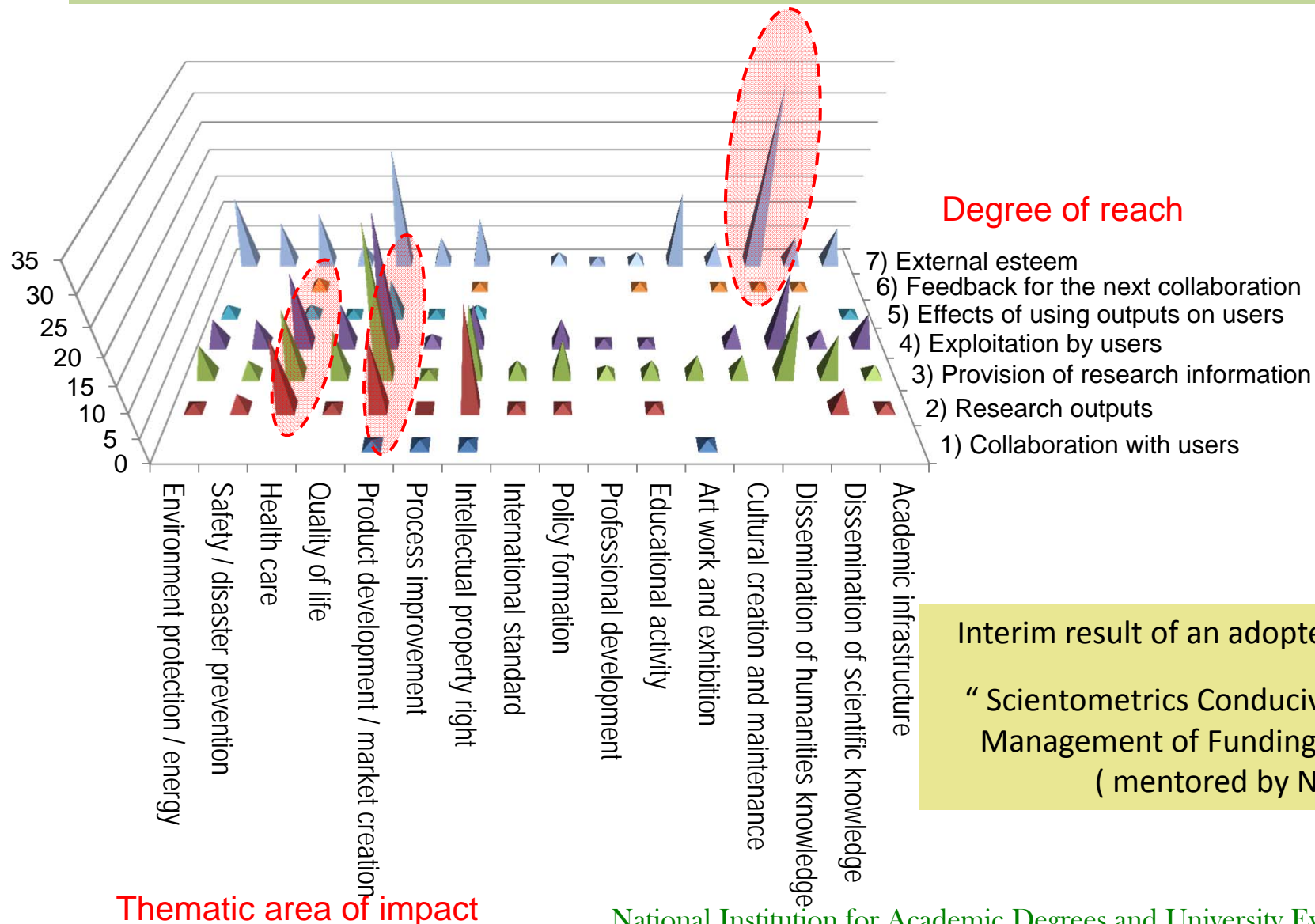


Camp-style Discussion



Chances of frank communication  
between researchers and policy-makers

# Number of indicators according to the matrix of the degree of reach and the thematic area of impacts

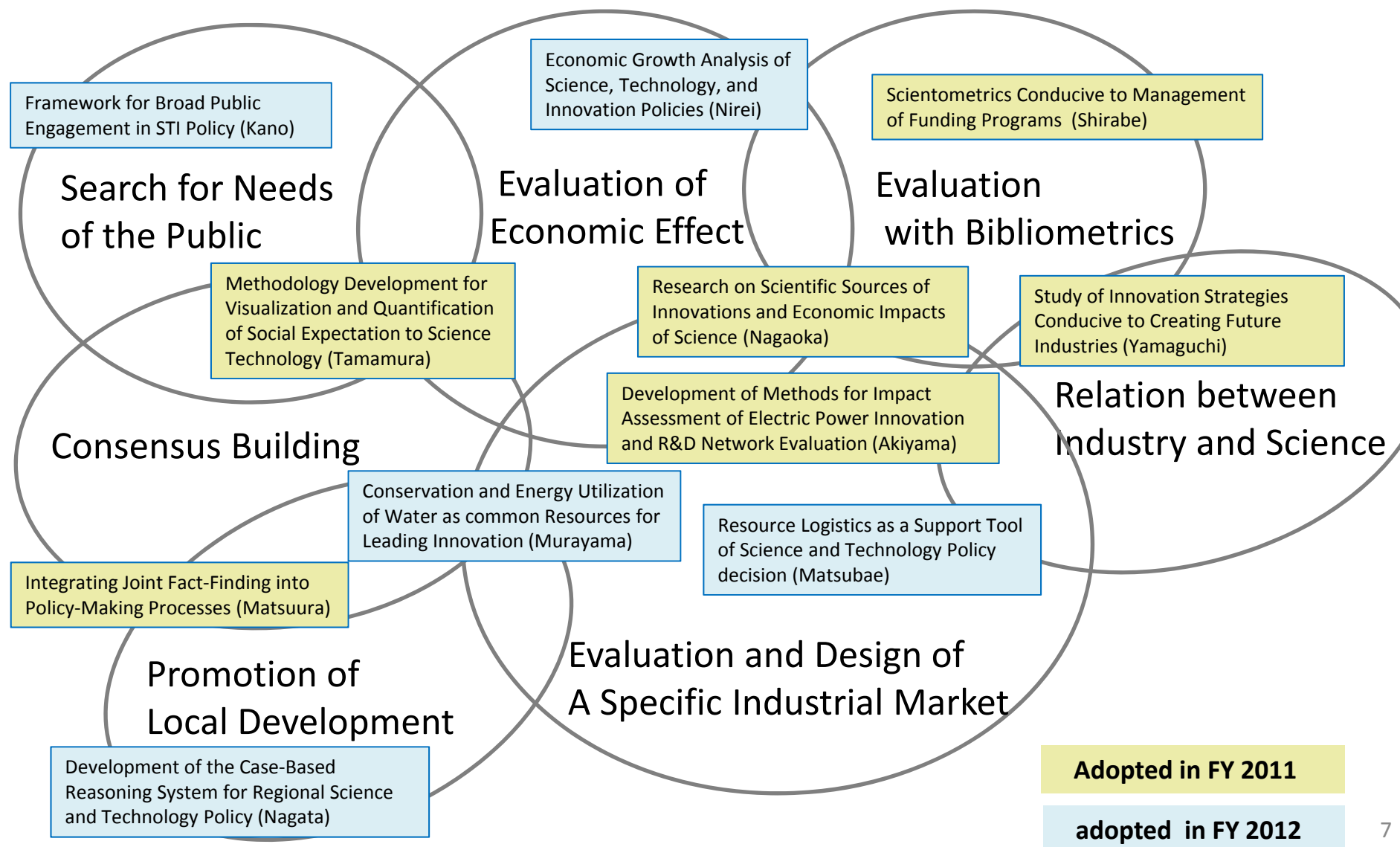
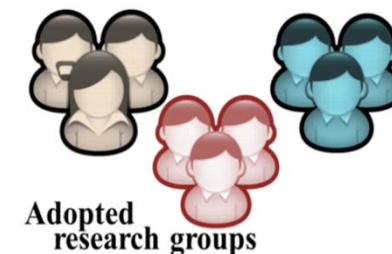


Interim result of an adopted project

“ Scientometrics Conducive to  
Management of Funding Programs”  
( mentored by Nagano AD )

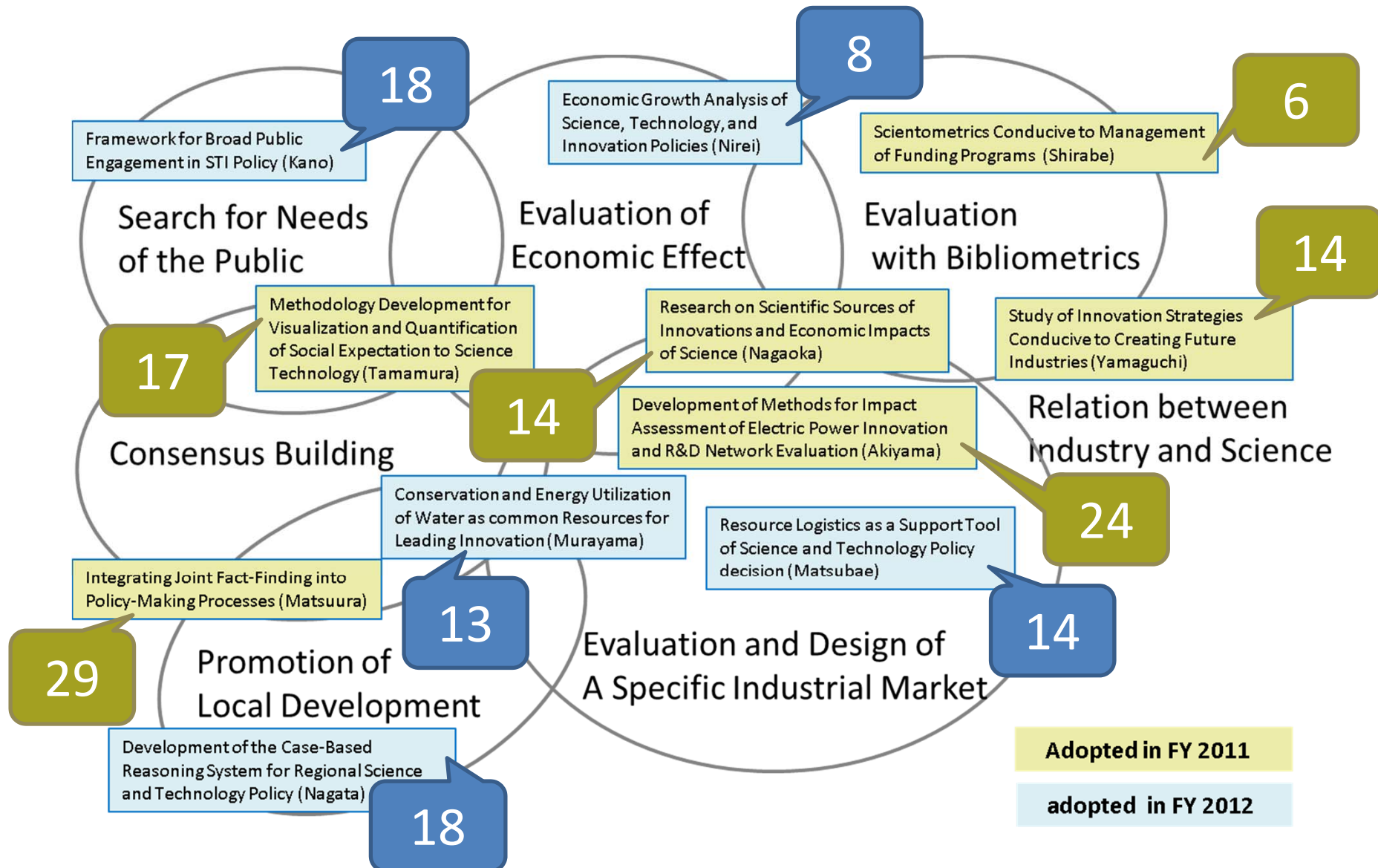


# Whole Picture of the Adopted Projects in 2011-2012



# Participants Total : 163

... in University, Institute, Firms, etc.





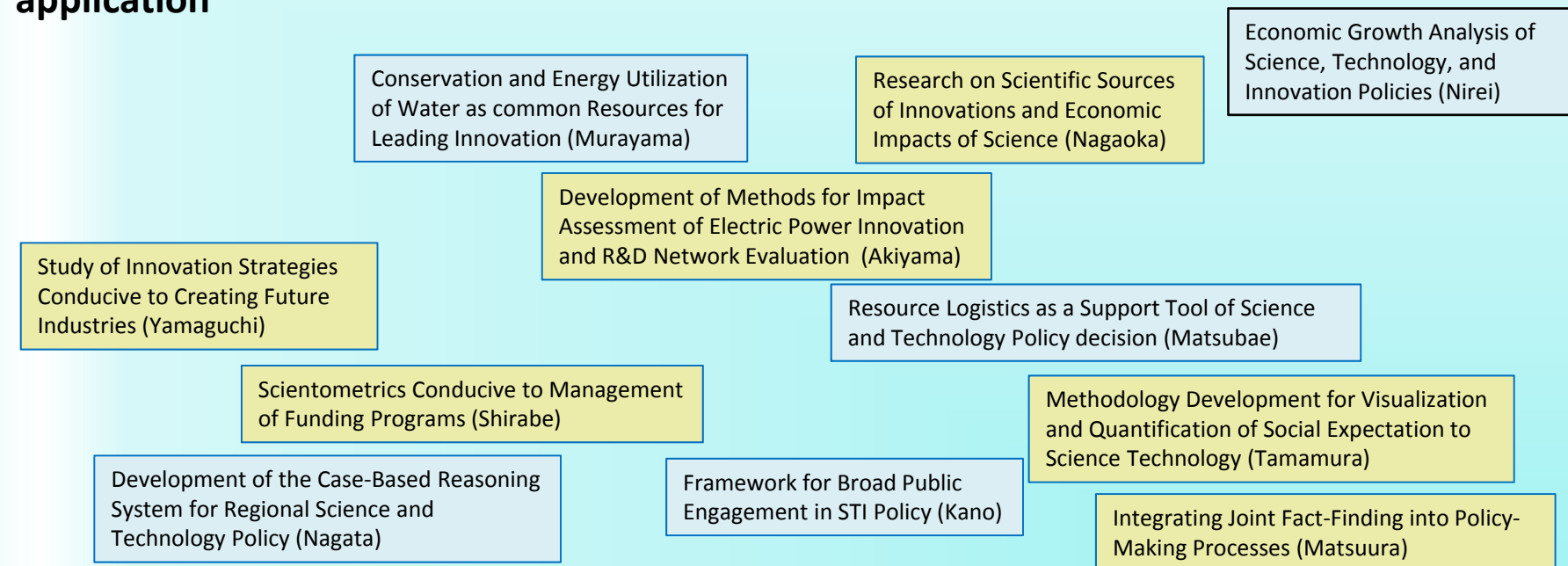
# Relation between 4 Targets of the Open Call and the Adopted Projects

FY 2011

FY 2012

▪ To design a multistage process from basic research, to social application of outcomes, to evaluation of that application

▪ To develop methods for measuring the economic and social impact of R&D investment



▪ To build an effective research framework to form policies based on objective evidence

▪ To ensure proper communication among policy makers, the scientific community and the public in order to promote the application of research findings in society

# Checking points of the advisers

For 2011 adopted projects (more 1 year)

- Confirmation of final target of each project
- Integration of research pieces in one project
- Bridging to policy-makers and stake-holders
- Discussion about expandability & universality  
of the conclusions

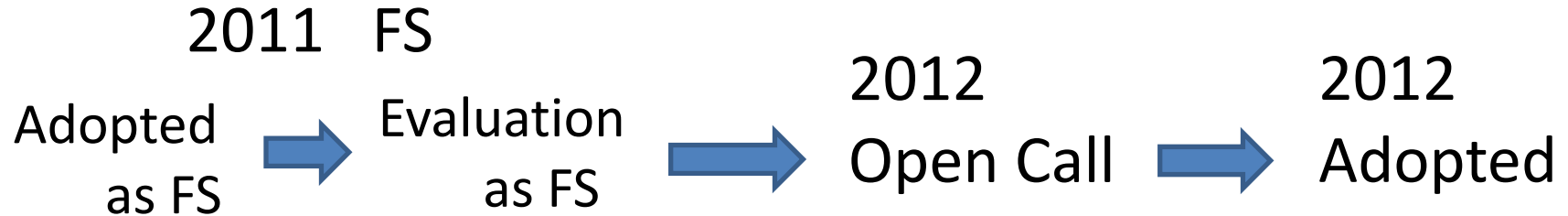
For 2012 adopted projects (a half year from started )

- Validity of each project plan
- Effectiveness in each project team
- Activation of members



# Feasibility Study (FS)

- Support for applications which are good in targeting but insufficient in taking shape of the plan.
- Support to preliminary investigations to shape the plan to apply the next year's open call.



## New Trials in Selection Process in 2013

### Setting two frames + Prioritization to Frame 2

【1】Focus on novel methods and evaluation

- Supply more useful evidence for ST&I policy-making

- Originality and uniqueness

【2】Solving issue-oriented topics

- Targeting to solution for specific social issues

- Containing of varied phases from S&T research to discussion on institution setting in order to realize innovation

### Introduction of two step selection process in order to brush up applications

#### 【1<sup>st</sup> step】

Selection to brief concept paper in the view of two frames

– Giving advices –

#### 【2<sup>nd</sup> step】

Selection to detailed concept paper and presentation



# Meanings of the new selection process

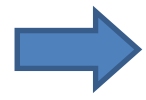
## Framing and prioritization

- Clarification of the program target  
to applicants

## 2-step selection process

- Brush up the applications

 More appropriate researches

 Expansion in  
human resources development  
on “Science for ST&I Policy”



## Expectation to funding program

- ✓ Recognition  
on “Science of ST&I policy”
- ✓ Promotion of interdisciplinary  
research including natural  
science and humanities/social  
science
- ✓ Bridging between researchers  
and policy-makers
- ✓ Human resources development