



J. Lenarčič, J. Stefan Institute, Ljubljana

INSTITUTE WITHOUT FENCE

FORSCHUNG AUSTRIA

workshop

Applied Research for a New Europe

Alpbach, August 22, 2007

Institut "Jožef Stefan"

IJS EMPLOYEES 2006

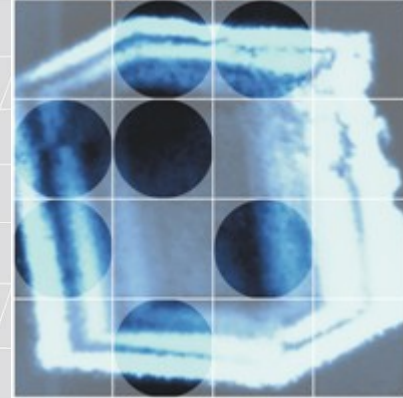
814 employees

600 researchers

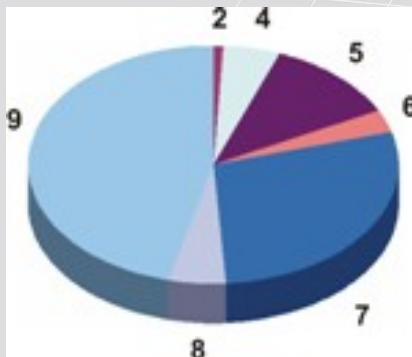
370 Ph. D. researchers

160 Ph. D. students

180 Professors



Institut "Jožef Stefan"



TOTAL BUDGET: 38.75 million EUR

74% national public sources

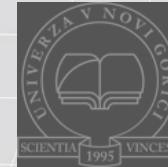
26% EU + industry

Institut "Jožef Stefan"

Co-funder of

Institut "Jožef Stefan"

Polytechnics Nova Gorica – University of Nova Gorica

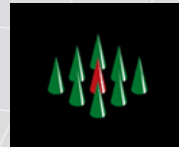


The Jožef Stefan International Postgraduate School

Institut "Jožef Stefan"



Technology park Ljubljana



Erico Velenje



Research Institute Valdoltra





Stefan

Physics, Reactor Technology, Energetics, Nanotechnologies

Information, Communication, Knowledge and Production Technologies

Chemistry, Biochemistry, Material Sciences

Environmental Sciences, Biotechnologies, Biomedicine, Safety

THE MISSION OF THE J. STEFAN INSTITUTE IS
THE ACCUMULATION - **AND DISSEMINATION** -
OF KNOWLEDGE AT THE FRONTIERS OF SCIENCE
AND TECHNOLOGY TO THE BENEFIT OF SOCIETY

800

PROJECTS

114

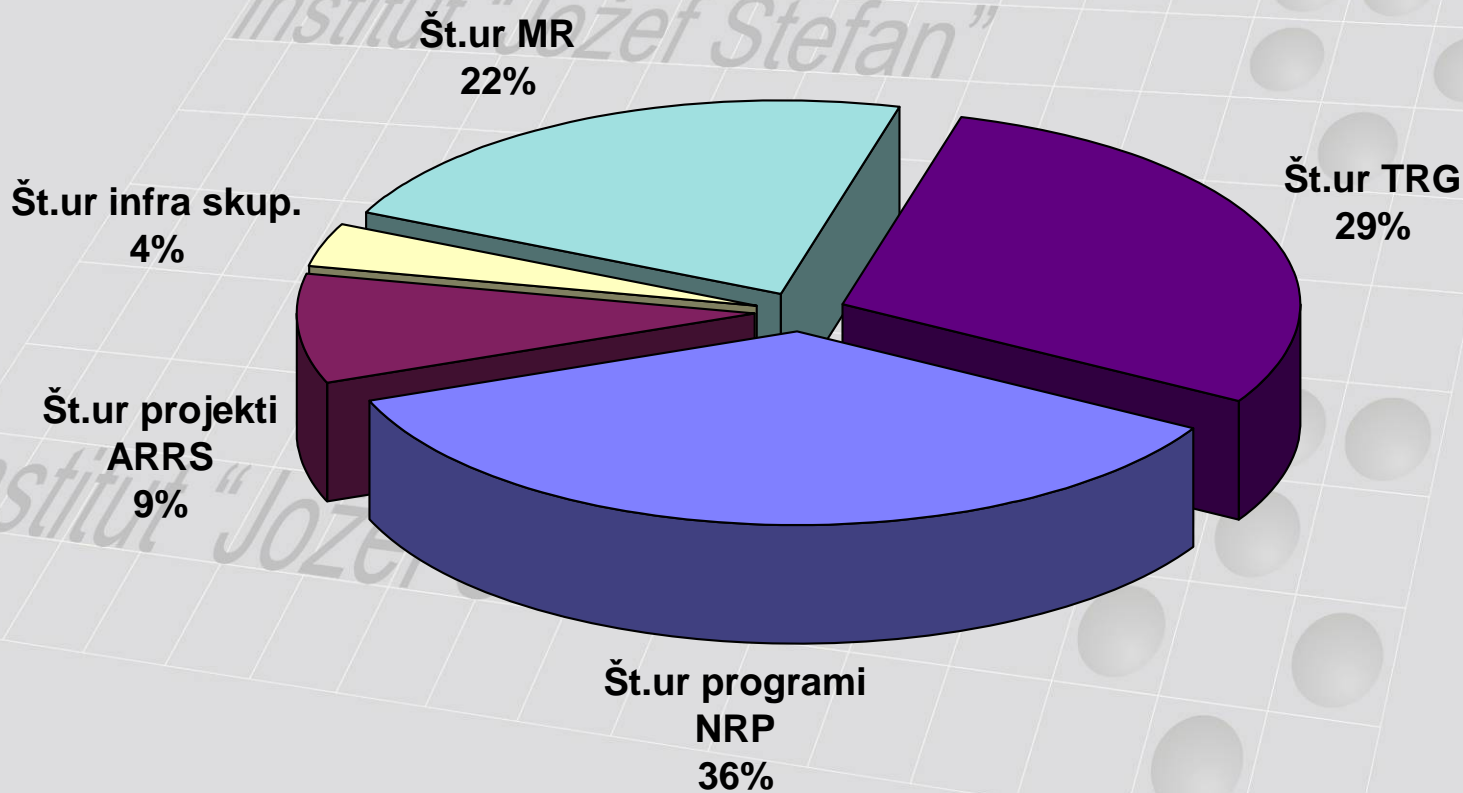
Industrial applicative projects

66

Applicative projects for public sector

180

Applicative projects sponsored by EU, IAEA, NATO



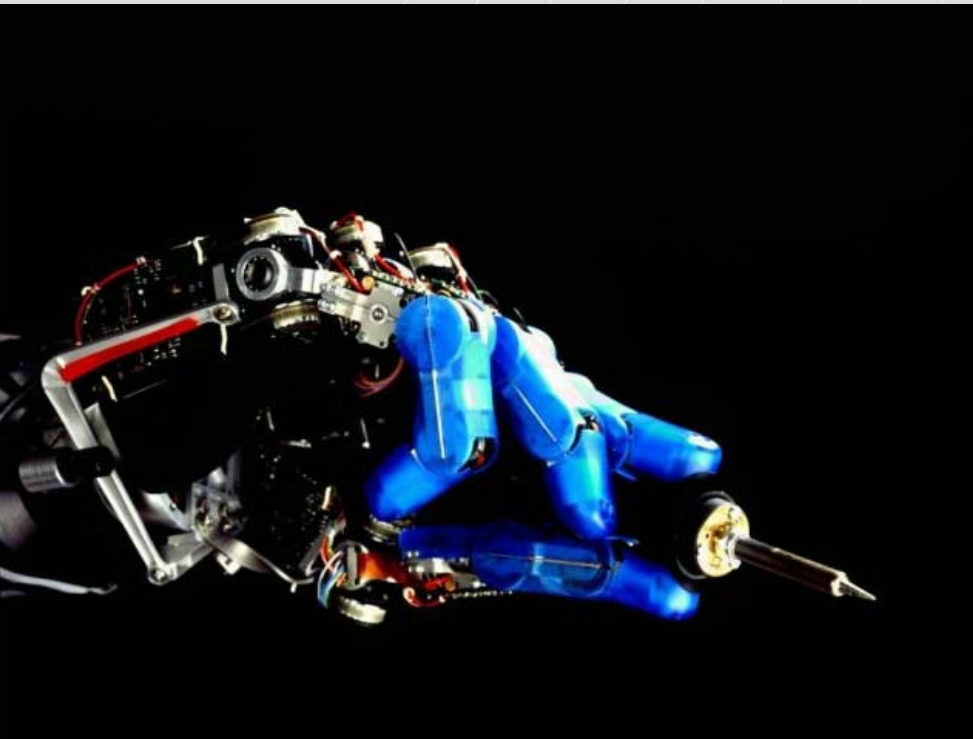
Institut "Jožef Stefan"

- Conservative and sceptic attitude towards innovation and research
- Low institutional support (agencies, finance, ...)
- Structural mobility (human, financial, organisational)
- Weak Public/Private collaboration
- Intellectual property is not a value
- ...



HAVE WE DONE ENOUGH? CAN WE DO MORE?

TECHNOLOGY TRANSFER = A TWO WAY ROAD



Sponsorship
Buy and sell
Partnership

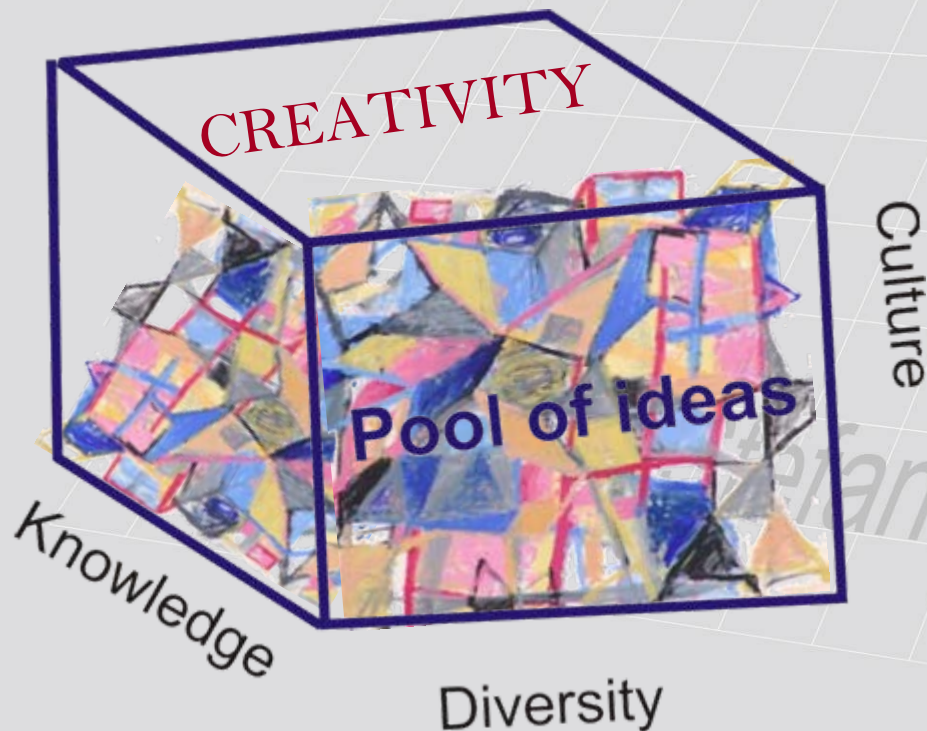
RESEARCH + INNOVATION = FAVOURISE CREATIVITY!

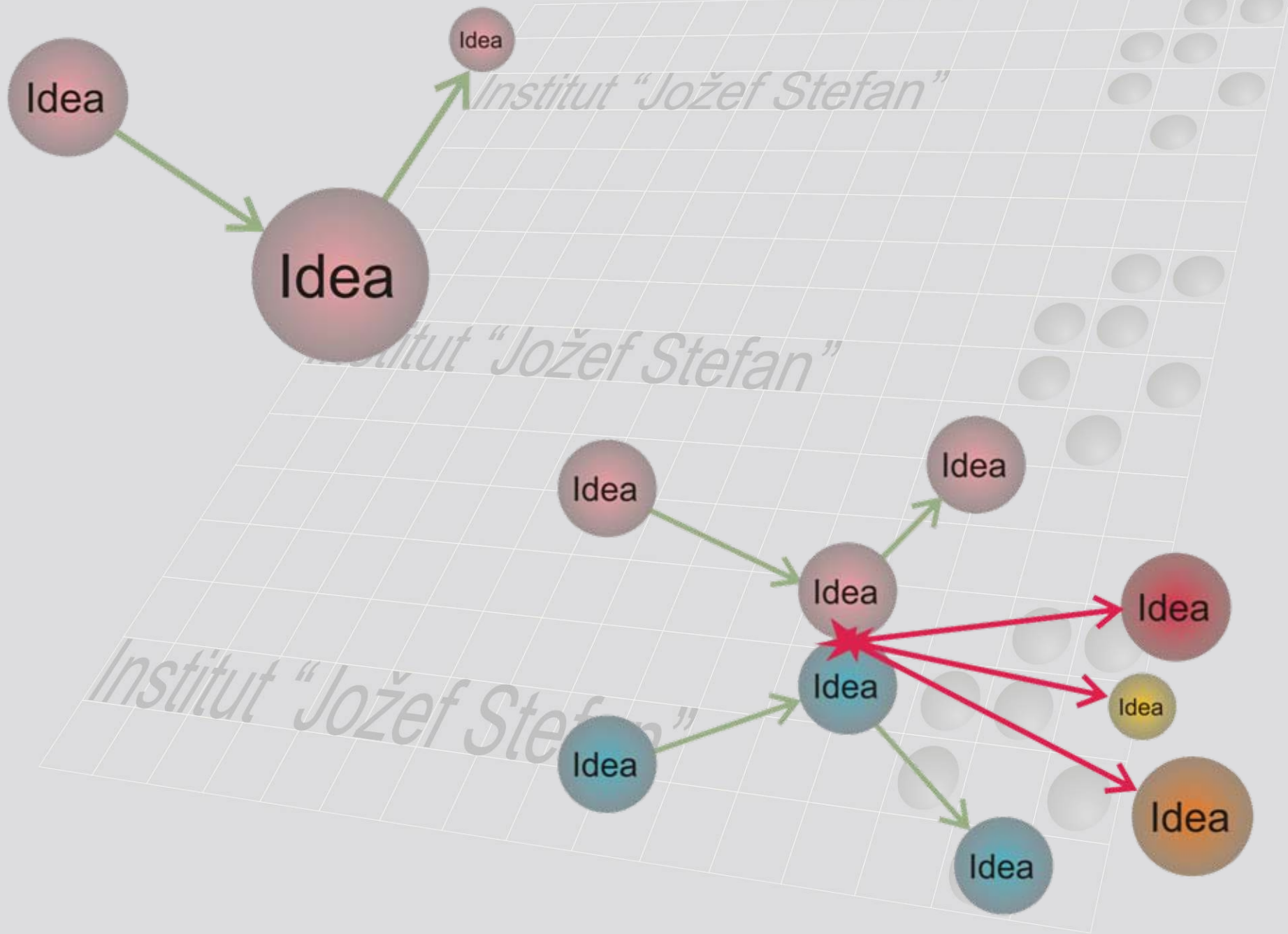
CREATIVITY:

Knowledge (education based on research)

Diversity (different experience, synergies)

Culture (market for innovation, positive attitude, ...)





CREATIVITY LAB

Multidisciplinary team

research

technology development

education



PROTOTYPE LAB

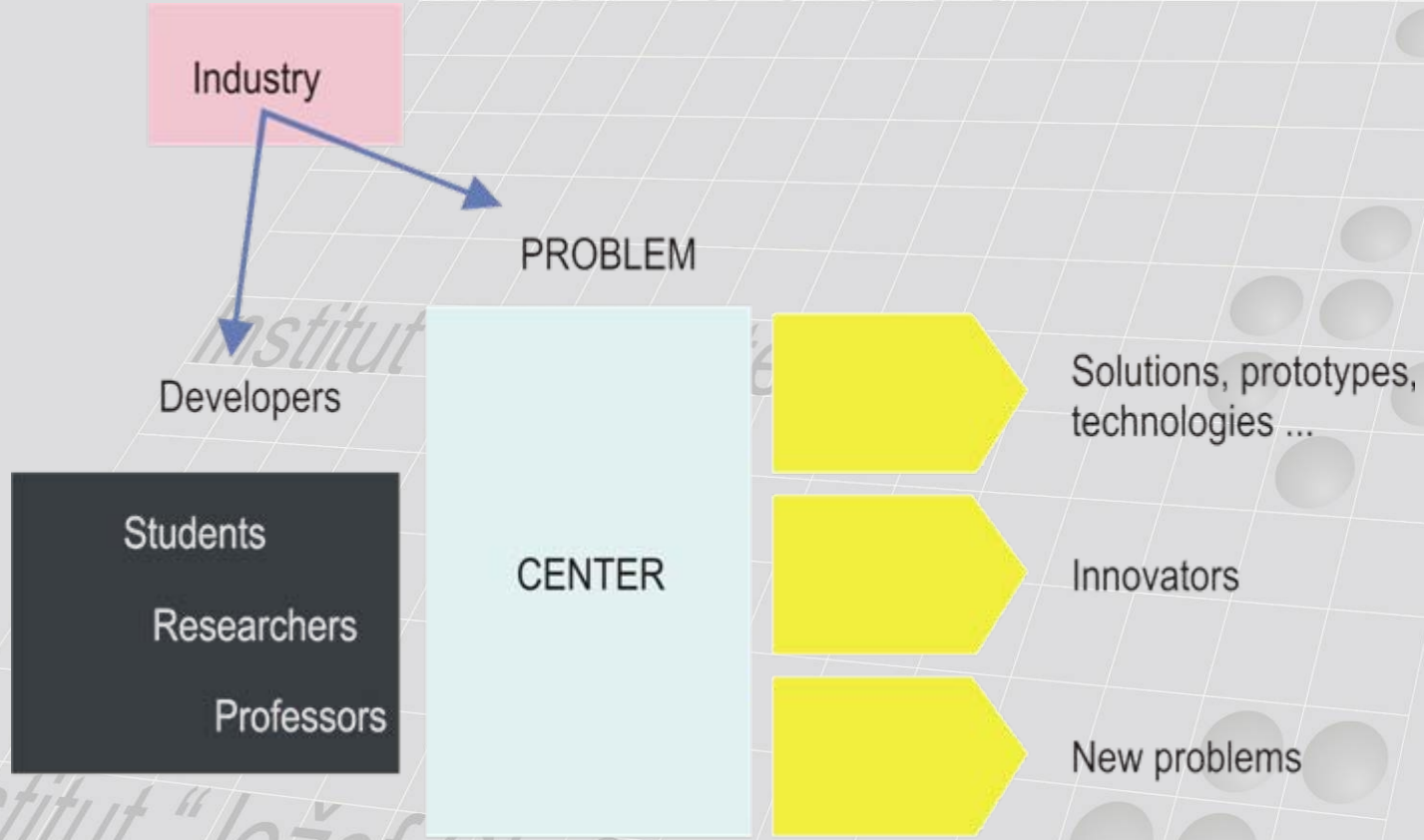
prototype workshop

Infrastructure

technical support



Institut "Jožef Stefan"



PROBLEM + MULTIDISPLINARITY = CREATIVITY

NEW ACTIVITIES – JSI WITHOUT FENCE

1. FROM PH. D. TO SPIN-OFF

2. ONE DAY FOR ONE COMPANY

3. ONE COORDINATOR FOR ONE COMPANY

4. MEETINGS OF RESEARCHERS, USERS, GOVERNMENT AND MEDIA

5. INTERNATIONAL COLLABORATION

CREATION OF REGIONAL TECHNOLOGY CONSORTIUM

BECOME PART ERA

