# T A Č R

## Research useful to society

# ETA PROGRAMME

## How to establish partnerships between Arts, Social Sciences and Humanities, and the society of the 21ˢᵗ century?

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Digital Economy  Globalisation & Regionalisation  Urbanism  BIG Data  Entrepreneurship & Ethic

Industry 4.0  Health  Architecture & Living  Innovation Culture  Education  Governance  IPR Protection

Digitisation & Virtual Reality  Sustainability  Art & Design  Migration  Creative economy

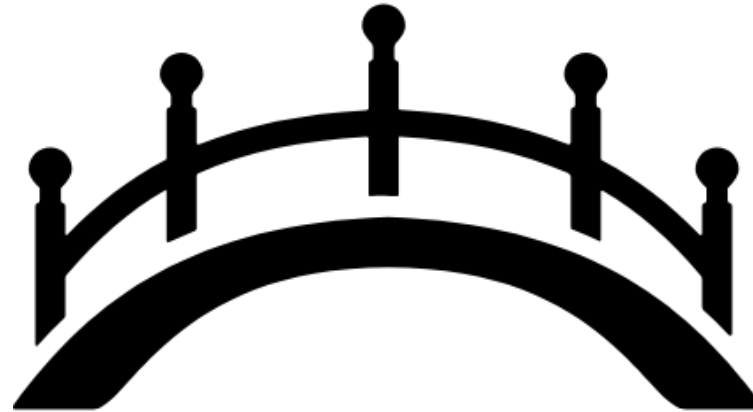Participation  Demography  Media & Networks  Public services  Gender & Equality

## Challanged and opportunities of the 21st century

**R&D solution providers**

Psychology
Economics
Education
Law
Sociology
Pedagogy
Philosophy
History
Arts, Media etc…
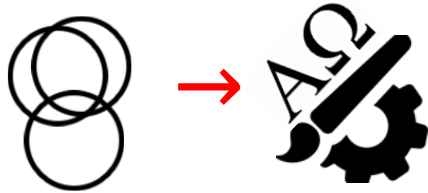+STEM, Natural&Life sciences, etc…

**92M EUR state aid for 6 years**

**R&D solution users**

Ministries
Cities
Businesses
Research org.
Cultural org.
Social care org.
NGOs
Schools
Umbrella org.
Unions
etc..

Innovation ecosystem of SSH

Digital Economy · Globalisation & Regionalisation · Urbanism · BIG Data · Entrepreneurship & Ethic · Industry 4.0 · Health · Architecture & Living · Innovation Culture · Education · Governance · IPR Protection · Digitisation & Virtual Reality · Sustainability · Art & Design · Migration · Creative economy · Participation · Demography · Media & Networks · Public services · Gender & Equality

**1. INTERDISCIPLINARITY**

*#Synergy #Spillover #Complexity*

**2. RESPONSIBILITY**

*#SocialJustice #Gender #TechTool*

**3. CONNECTIVITY**

*#BasicToApp #ThirdRole #Utilisation*
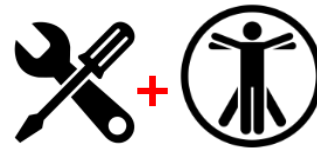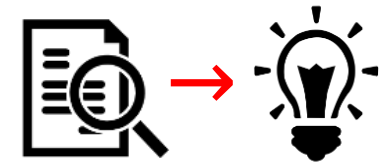
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# R&D project logic model



R&D outputs

## Arts, Social sciences, Humanities

**Eligible aplicants**
- Universities
- Research institutions
- (some) Hospitals
- (big) Museums
- (big) Galeries
- Big/medium/small Enterprisies
- Cities
- Regions

**Team memebres**
- Researchers
- Professors
- Students/Ph.D.
- Enterpreneurs
- Artists
- Staff of external AG
- Innovators
- Other relevant practitioners

**Innovation SSH ecosystem**
1. Interdisciplinarity
2. Resoponsibility
3. Connectivity

**R&D Outputs/ tools**
- Research report
- Methodologies/ Maps
- Software
- Artistic outputs
- Treatment procedure
- Article, book
- Design
- Conference, workshop
- Exhibition
- Didactic tool,
- Prototype, sample, etc...

**Application guarantor**
a) Internal AG: beneficiary = the entity belongs to the eligible applicants
b) External AG: any entity registred in the country, except enterprises

**Focus**
- public-relevant
- market-relevant

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## Results – 4 examples

**306 submited, 94 funded, 18M spent, 193k/project, 180 AGs, 150 universities, 22 small enterprises. → Administration, Sociology, Urbanism**

### R&D Project 1: Urban Development

**310k EUR**

**Certified methodology**
Revitalization of urban canters and public spaces

- Faculty of Economics, UWB
- Faculty of Management, UoE
  - Ministry of Regional Development
  - Union of Municipalities of the CZ
  - City of Brno

### R&D Project 3: International Space Law & Asteroid Mining

**436k EUR**

**Comprehensive Research Report**
Position of the CZ in the planetary defense policy against asteroids

- Faculty of Social Sciences, CUNI
- Astronomical Institute, ASCR
  - Ministry of Transport

### R&D Project 2: Big data & Artistic Research

**84k EUR**

**Software**
Application for data collection, analysis and artistic visualization

- Faculty of Fine Arts, Brno UoT
- Faculty of Informatics, Brno UoT
  - Faculty of Fine Arts, Brno UoT

### R&D Project 4: Screening of Pupils´s Talent

**497k EUR**

**Battery of Tests**
Assessment of Non-Cognitive and Non-Intellectual Abilities

- Faculty of Social Studies, MUNI
- Janáček Academy of Music and Perf. Arts
  - Elementary schools
  - South-Moravia Region
  - National Institute for Education

# Discussion

## Structural level
### Institutionalization of drawing on innovation potential of SSH

- First time appliers to TACR
- Focus on science-to-science (basic research) so far
- Poor focus on science-to-public/ -professionals (applied research)
- Third role of universities omitted

**#Better know-how transfer and institutional appreciation for applications**

## Political level
### Blindness of legislation and R&D policy to the needs of SSH

- Not all are eligible applicants
- Legislation doesn't folow SSH nature
- Does the SSH always need to be supported under the State aid rules or not (Framework, EC Regulation)?
- R&D policy ignores artistic research

**#Greater attention on SSH nature during legislation processes and governance of R&D**

## Academic level
### Innovative mind-set of SSH community

- Inactivity of majority of SSH community – critical attitude towards deamand-oriented research
- Lack on novelty and innovativeness
- Willingness to take risk is low
- Fear of new methods and partners

**#Closer communication among academia, funding org., authorities**

# Conclusions

- **ETA programme is in the early stage, but seems to work:**

  Even though the programme is at the start of its implementation, first experiences show that it creates an appropriate tool in harnessing the innovation potential of SSH.

- **Application Guarantee build up a bridge:**

  The novelty lies in the fact that, through the role of an application guarantor, it encourages building partnerships between SSH community and their clients.

- **RFOs needs to reflect and innovate, too!**

  However, there is a need to deepen the relationship between the SSH community and the Research Funding Organisation and to constantly reflect the way the interventions (ETA programme) is implemented.

- **SSH still invisible for legislation, policy and government of R&D**

  An important part of the success of the programme is both the parallel adjustment of legislation and policies on national and EU levels in such a way that better reflects the specific nature of SSH, and structural exploitation of the innovation potential of SSH for society of the 21$^{st}$ century.

Left
brain

I am the left brain.
I am a scientist. A mathematician.
I love the familiar. I categorize. I am accurate. Linear.
Analytical. Strategic. I am practical.
Always in control. A master of words and language.
Realistic. I calculate equations and play with numbers.
I am order. I am logic.
I know exactly who I am.

Right
brain

I am the right brain.
I am creativity. A free spirit. I am passion.
Yearning. Sensuality. I am the sound of roaring laughter.
I am taste. The feeling of sand beneath bare feet.
I am movement. Vivid colors.
I am the urge to paint on an empty canvas.
I am boundless imagination. Art. Poetry. I sense. I feel.
I am everything I wanted to be.