

# „What makes research application different from another EU projects?”

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# Fundamental sciences versus applied sciences in UE projects

- UE extremely rare supports fundamental sciences
- UE is focused on the applied sciences
- Fundamental research could appear in your application only if it leads to applied solution
- EU supports effective co-operation between sciences and society
- Very low budget in EU programmes is dedicated to the pure humanistic disciplines

# Research priorities in the EU programmes

- EU defines own research priorities according needs and the most current EU policies
- First always check list of priorities, which could be very different than your research idea
- Priority is overriding even the real need
- Research proposal has to correspond to the one of those priorities, otherwise has less chances to win
- Try to convert your idea to the one of priorities, show links even if your topic is not directly connect with priority
- Description of the correspondence with the priority is the art of effective convincing ( example: use the same words as in priority)

# Innovations in research projects

- Innovations are the biggest priority in EU, they are base for the economical and social development of EU.
- Innovative could be new knowledge, implementation of new technology, new product, process or service (Type of the project: *research and innovation actions – RIA*)
- Innovative could be preparation methodology and technology for implementation to the market – like preparation of prototypes, testing, demonstration, pilotage, validation for large scale and mass duplication. (Type of the project *Innovation actions- IA*)

# The aims of innovations in research projects

- Enhancement of research status of the EU versus rest of the world
- Implementation of industrial innovations in EU
- Searching solutions for the most important **social problems** (climate changes, ecological transport, renewable energy, safe food, aging of society)
- All innovations, which will be presented in the research projects, should correspond to those aims

# Background and Justification in research projects

- Show knowledge of current **scientific** situation in the field, not only in the country, but in EU or even the world
- Use quotations and references to the **scientific publications in the field** ( not only EU reports like in the „normal” projects) to support own words
- Show need for the idea from **scientific** point of view
- Not forget about **practical implementation**. Indicate clearly the problem, which will be solved by your project

# Concept and Methodology

- Describe the main ideas, models or **assumptions** involved. Identify any inter-disciplinary considerations and, where relevant, use of stakeholder knowledge
- Describe the positioning of the project e.g. where it is situated in the spectrum from 'idea to application', or from 'lab to market'
- Describe any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project

# Ethics issues in the EU research projects

- Does your research involve the use of human embryos?
- Does your research involve animals?
- Does your research involve physical interventions on the study participants?
- Does your research involve personal data collection and/or processing?
- Does your research involve the use of elements that may cause harm to the environment, to animals or plants?
- Does your research have the potential for military applications?



# Impact and dissemination in the EU research projects I

- Highlight possibilities for enhance innovation capacity, like: creation of new market opportunities, strengthen competitiveness and growth of companies, issues related to climate change or the environment.
- Remember to stress important benefits of the project for society
- Describe any barriers/obstacles, and any framework conditions (such as regulation, standards, public acceptance, workforce considerations, financing of follow-up steps, cooperation of others), that may determine whether and to what extent the expected impacts will be achieved.
- Dissemination strategy should support planned impact and show how (tools, methods, channels) it will be achieved

# Impact and dissemination in the EU research projects II

- Dissemination plan should be proportionate to the scale of the project
- If innovation is planned, plan should describe a path to deliver that innovation to the market
- The plan should give description of the possible follow-up of the project, once it is finished.
- Plan should explain knowledge management and protection. Include measures to provide open access (free on-line access or restricted) to peer-reviewed scientific publications which might result from the project. Open access must be granted to all scientific publications resulting from Horizon 2020 actions.

# Project consortium resources

- Curriculum vitae or description of the profile of the persons, who will be primarily responsible for carrying out the proposed research and/or innovation activities
- A list of up to 5 relevant publications ,and/or products, services (including widely-used data sets or software), or other achievements relevant to the call content
- A list of up to 5 relevant previous projects or activities, connected to the subject of the proposal
- A description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work

# Thank yo for your attention!!!

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