

Dear colleagues!

My name is Zenovij Sych. I am a professor of vegetable growing department of National Agricultural University. More than 30 years I am working for creation and valuation of new vegetable and melon crops' varieties, for development of elements technologies of their growing, and activity of marketing ways. I am the author of more than 80 printed works; I have 15 authorial certifications for plants' varieties. In 2006 I became a leader of fuel-energetically complex in direction of using new plants' varieties, which use the warmth frugally during their growing (perennial, vegetable crops for forcing). Nowadays, I am working together with a team of our department for new directions in vegetable growing branch.

One of such vegetable growing directions is growing of vegetables for restaurant business, green tourism. Lately these directions are developing by quick temps. Thus, for example, agro-tourism becomes to be more popular in regions of West Ukraine, Transcarpathian regions, on the coasts of Black Sea and Sea of Azov. The particularity of new vegetable growing directions is growing of valuable delicatessens crops, which are rich for biologically active substances and which can be received by more secure for human's health in the modern conditions of production. For this it's necessary to create new varieties of vegetable crops, which are not known for the wide circle of Ukrainian population or are not known the ways of their consumption. The team of the department is working in this direction, if to be more exact, for market activity of new varieties for Ukraine by way of advertising, adoption of European growing technologies, control and providing of their security for human's consumption.

I would like to try to establish scientific cooperation between our University and research Institutions abroad. One of the best ways is to try to apply for the Large Integrated Project within the Framework Program 7 (FP7). You may also know, that the First Call for Proposals was published at the Cordis web-page at 22 December (http://cordis.europa.eu/fp7/home_en.html). As it was written FP7 is "The EU's largest ever funding programme for research and technological development".

One of the calls, related to "food, agriculture and biotechnology" could be linked at http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.CooperationDetailsCallPage&call_id=16

The dead line for submitting proposals is 02 May 2007, so we are pressed of time.

In attachment you will find the package of all essential documents, I have downloaded from the site.

As far as I can guess, the first thing to start with is to find the appropriate "thematic priority" in the list of all those "activities", and to write a good project, which fit this priority in the best way, and then apply via the web to the Brussel.

I have studied some of the documents and have picked up some priorities appropriate for writing a proposal.

That's why we apply our propositions for participation in FP7 Cooperation Work Programme: Theme 2 – Products of consumption, Agriculture and Fisheries, and Biotechnology) and we would ask you to include to theme: **KBBE-2007-1-4-03: The farm of tomorrow.**

KBBE-2007-1-4-03: The farm of tomorrow Call: FP7-KBBE-2007-1

The “farm of tomorrow” will take account of Europe’s ecological and cultural diversity, will be non-uniform, will be built on technological, social and economic innovations and a variety of research outputs. The specific main issues facing the farm of tomorrow are: New models of farm material flow management, based on on-farm or local integration of environmentally friendly closed-cycle processing facilities (energy, food/non-food raw materials, bio-refining). Energy efficient cultivation with light machinery (avoiding soil compaction), precision farming, and robotics are important components, considering special requirements for high value markets, such as organic agriculture/livestock production. Integrated technologies and ICT tools are needed to make cost efficient compliance with standards (public and private) an integral part of farm operations, including the whole chain of suppliers and services by sharing good practices. The multifunctional European farming model delivering public goods (environment, landscape, social functions) in an efficient way needs research support to integrate, assess and quantify these services and linkage (e.g. rural tourism) to the rural economy. Overall trends of the European societies have to be considered and new models of relationships with consumers and citizens.

Funding scheme: Small collaborative project

Expected impact: The project will increase competitiveness of farming in less protected markets, will increase viability of rural areas and improve competitiveness of the European farm machinery industry. It will substantiate perspectives of farming in providing public goods and services.

In this direction are put the following propositions:

- To gather the collection of new varieties and sorts of few-diffused vegetable crops (celery, asparagus, soybean vegetable, haricot bean asparagus, bean vegetable, sugary pea, okra, broccoli, kohlrabi, Brussels sprout, leek, artichoke, spinach, lettuce, endives and many other delicatessens vegetables);
- To develop the conveying technologies of their growing and to embed the trainings on the demonstrative fields;
- To develop the ways of their embedding in market (advertising, degust of fresh and manufactured vegetables, production of testing examples of few-diffused crops for nets of supermarkets, restaurants, etc.).

In final result the task of our science program is enlargement of vegetable crops’ consumption that is few-diffused in Ukraine and well-known abroad, their enrichment and satiation on the market.

The list of published literature:

Sych Z.D., Kotyuk N.V., Sych I.M. Indispensability of new paradigm for solutions of modern problems of Ukrainian vegetable growing // “Scientific herald NAU”, 2002. - №57. – P. 21-25.

Barabash O.Ju. Structural-logical scheme of modern vegetable growing and its tasks in Ukraine // “Scientific herald NAU”, 2002. – №57. – P.17-21.

Sych Z.D. The diffusion of acclimatization’s possibilities of Pumpkin family’s genetic recourses // “Scientific herald NAU”, 2002. – №57. – P.57-61.

Sych Z.D., Hareba V.V. Possibilities of Ukrainian vegetable growing in conditions of globalization // Vegetable growing and watermelon growing, 2004. – №49.- P. 3-11.

Sych Z.D. Market-garden for green tourism // Vegetable growing, 2005. - №6. – P.66-68.

Sych.Z.D., Bobos I.M. Vegetables’ manufacture: conditions and perspectives // Vegetable growing, 2005.- №7. – P.8-14.

Sych Z.D. Harmony of benefits and beauties // Vegetable growing, 2006.-№3. – P.11-14.

Sych Z.D. The lettuce of Spain Kingdom – there are what to learn! // Vegetable growing, 2006. - №6. – P.18-20.

Let’s try to apply for the large integrated project, where one of the collaborators would be you, another one – National Agricultural University of Ukraine (I can guarantee you the “green light” from my side) and we can to this list any other interested party you know (the minimum amount of partners is 3-4)!!!!

I think these notes could be extended to the hundreds of pages of the detailed project if you could help in finding interested experts from you side.

I think we should at least try to do something for it realization. What do you think?

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