The n-CHITOPACK project focuses on the industrial use of waste derived natural chitin nanocrystals (known as chitin-nanofibrils-CN) to produce functional bacteriostatic films and rigid packaging to be used in the food industry which are 100% bio-degradable and demonstrate higher mechanical strength as well as increased UV and heat resistance.

The n-CHITOPACK project leverages on the inherent superior properties of these chitin nano-fibrils for the development of new food packaging materials that are bacteriostatic, 100% bio-degradable and can be used by European packaging SMEs, contributing to increase their competitiveness in the market and to solving environmental challenges.

RODAX IMPEX SRL is an SME, with expertise in RESEARCH-DESIGN-MANUFACTURE for packaging machines, accessories and stainless steel furniture for food industry. RODAX has experience in research projects coordination and management in the national research programs and also is partner in different European projects.

What has been the greatest success of the project (so far)?

“The project is currently in its first phase, the first meetings between all partners took place and all project details have been discussed. We consider that the most important success is the fruitful cooperation among the members of the consortium, all the organizations joining the meetings of the project, also the communication in time of all the project documents in the consortium.

The great success of the project will appear after two years of hard work, but for us it is also a success to be in this consortium because it proves that our development strategy led us to find the opportunity to prove our knowledge at European level and to develop new business connections.”

Please provide your impressions and your feelings about the collaborative activity with Academia/SME during the life of the project

“So far, as we are in the first phase, we are very pleased about our collaboration with all partners; they are very experienced, task oriented, well organized professionals.”

In your opinion, what elements contributed most to the success of your proposal?

“The most important elements for the proposal success have been represented by the good cooperation between the participants of the consortium, the rapid writing of the necessary forms with permanent updates.”

How did the project “Fit for Health” help you? Please state what additional assistance could be of great help now or in the future regarding your involvement in European R&D projects?

“Consulting permanent the website of the project we found out about partners for projects and their scientific interests and also we learned about European projects to be submitted.

Assistance in implementation of the developed prototypes in the projects on the international markets will be helpful for the participants.”